

LUCIANO SASO

Curriculum Vitae

Roma, 27 novembre 2020

Sommario

II – Education	2
III – Appointments	2
IV – Attività didattica ed altre attività universitarie, in particolare quelle gestionali e relative ad organi collegiali elettivi	2
A. Attività didattica presso la Facoltà di Farmacia e Medicina di Sapienza Università di Roma	2
B. Attività Didattica svolta all'estero (titoli allegati in PDF).....	3
C. Attività Gestionali svolte presso Sapienza Università di Roma (titoli allegati in PDF).....	4
V. Organizzazione, direzione e coordinamento di centri o gruppi di ricerca nazionali e internazionali o partecipazione agli stessi e altre attività quali la direzione o la partecipazione a comitati editoriali di riviste scientifiche.....	4
A. Organizzazione, direzione e coordinamento di centri o gruppi di ricerca nazionali e internazionali (titoli allegati in PDF).....	4
B. direzione o partecipazione a comitati editoriali di riviste scientifiche (titoli allegati in PDF)	5
VI. Conseguimento di premi e riconoscimenti nazionali e internazionali (titoli allegati in PDF)	5
VII. Attività di valutazione della ricerca	6
A. Attività di “referaggio” per numerose riviste scientifiche internazionali tra cui	6
B. Valutazione di progetti di ricerca internazionali (titoli allegati in PDF)	6
C. Attività nell’ambito del Dottorato di Ricerca (titoli allegati in PDF).....	6
VIII. Partecipazione in qualità di Relatore e organizzazione di congressi e convegni di interesse internazionale (titoli allegati in PDF)	7
IX - Funding Information [grants as PI-principal investigator or I-investigator] (Titoli allegati in PDF)	8
A. FINANZIAMENTI INTERNAZIONALI OTTENUTI E GESTITI IN QUALITÀ DI RESPONSABILE SCIENTIFICO (I) E COORDINATORE (PI) NEL PERIODO 2000-2011	8
B FINANZIAMENTI NAZIONALI OTTENUTI E GESTITI IN QUALITÀ DI RESPONSABILE SCIENTIFICO E COORDINATORE NEL PERIODO 2000-2011	11
C. FINANZIAMENTI INTERNAZIONALI OTTENUTI E GESTITI DA IN QUALITÀ DI RESPONSABILE SCIENTIFICO (I) NEL PERIODO 2011-2016	13
D. FINANZIAMENTI NAZIONALI OTTENUTI E GESTITI IN QUALITÀ DI RESPONSABILE SCIENTIFICO (I) E COORDINATORE (PI) NEL PERIODO 2011-2016	13
E. FINANZIAMENTI INTERNAZIONALI OTTENUTI E GESTITI DA IN QUALITÀ DI RESPONSABILE SCIENTIFICO E COORDINATORE NEL PERIODO 2017-2020	14
X – Attività di Ricerca.....	14
XI – Summary of Scientific Achievements	15
XII– 16 pubblicazioni selezionate per la valutazione di merito (files PDF allegati).....	16
XIII– Elenco dell’intera produzione scientifica del candidato	17

II – Education

University graduation	1987	Sapienza Università di Roma	Laurea vecchio ordinamento in chimica (quinquennale) con la votazione 110 e lode
PhD	1992	Sapienza Università di Roma	Dottorato di Ricerca in Scienze Farmaceutiche

III – Appointments

Start	End	Institution	Position
1994	2018	Sapienza Università di Roma	Ricercatore Universitario
2018	In servizio a tempo pieno	Sapienza Università di Roma	Professore Associato

IV – Attività didattica ed altre attività universitarie, in particolare quelle gestionali e relative ad organi collegiali elettivi

A. Attività didattica presso la Facoltà di Farmacia e Medicina di Sapienza Università di Roma

2002-2004, Titolare del Corso di Farmacologia e Farmacoterapia, Corso di Laurea in Farmacia, M-Z), Sapienza Università di Roma.

Dal 1999, Titolare dei Corsi di Saggi e Dosaggi Farmacologici (annuale con esercitazioni, 8 CFU, Corso di Laurea in CTF), e Biotecnologie Farmacologiche (semestrale, 4 CFU, Corso di Laurea in CTF), presso la Facoltà di Farmacia di Sapienza Università di Roma.

B. Attività Didattica svolta all'estero (titoli allegati in PDF)

2015-Alexandria	Short Course on "Research Strategies and Doctoral Education" nell'ambito del progetto europeo BUCUM (Alexandria University, 25-26 febbraio 2015)
2013-Paris	Short course (5 hrs) on "Drug Development: bioethical aspects" presso l'università Paris Descartes (6-9 gennaio 2013)
2013-Leuven	Lecture (45 min) on "Historical and bioethical aspects of Drug Development" nell'ambito dell' "Inter-university doctoral course on non-clinical and clinical drug development" (Leuven, Belgio, 21 feb 2013)
2013-Bruxelles	Lecture (30 min) on "Monoclonal Antibodies: Historical Introduction" nell'ambito dell' "Inter-university doctoral course on "Development and Applications of Monoclonal Antibodies" presso la Scuola di Dottorato in "Life Sciences and Medicine" dell'università VUB di Bruxelles (Bruxelles, 24 giugno 2013)
2012-Bruxelles	Short course (2.5 hrs) on "Antiinflammatory and antioxidant drugs" presso la Scuola di Dottorato in "Life Sciences and Medicine" dell'università VUB di Bruxelles (22 giugno 2012)
2011-Madrid	Short course (5 hrs) on "Drug Development" presso la università "San Pablo CEU di Madrid (15-18 maggio 2011)
2011-Bruxelles	Short course (5 hrs) on "Drug Development" presso la Scuola di Dottorato in "Life Sciences and Medicine" dell'università VUB di Bruxelles (15-16 giugno 2011)
2010-Paris	Short course (5 hrs) on "Drug Development: bioethical aspects" presso l'università Paris Descartes (13-15 gennaio 2010)
2010-Madrid	Short course (5 hrs) on "Antiinflammatory and Immunosuppressive Drugs"presso la università "San Pablo CEU di Madrid (10-13 marzo 2010)
2010-Bruxelles	Short course (6 hrs) on "Drug Development" presso la Scuola di Dottorato in "Life Sciences and Medicine" dell'università VUB di Bruxelles (4-5 giugno 2010)
2009-Paris	Short course (5 hrs) on "Antioxidant Drugs"presso l'università Paris Descartes (15-19 gennaio 2009)
2009-Madrid	Short course (5 hrs) on "Antiinflammatory and Immunosuppressive Drugs" presso la università "San Pablo CEU di Madrid (16-20 febbraio 2009)
2007-Lione	Lecture (90 min) "Antiinflammatory and Immunosuppressive Drugs"presso l'università di Lione (20 settembre 2007)
2004-Delhi	Invited Lecture da parte della Royal Society of Chemistry, London (North India Section) su "Antidenaturant and Antioxidant Drugs" (Delhi, 8 Nov 2004)
1991-New York	Insegnamento di due corsi di 25 ore ciascuno su "Pharmacology of Inflammatory Conditions" e "Pharmacology of Cancer" presso la Rockefeller University di New York (anno accademico 1991-1992)

C. Attività Gestionali svolte presso Sapienza Università di Roma (titoli allegati in PDF)

2020	Decreto Rettoriale di nomina a Membro del Gruppo di Lavoro “ HUB HEALTH” del progetto CIVIS, A Civic European University (https://civis.eu/en)
2020	Decreto Rettoriale di nomina a Membro del Gruppo di Lavoro “World Health Summit” https://www.worldhealthsummit.org/
2018	Decreto Rettoriale di nomina a Membro del Gruppo di Lavoro Qualità e Innovazione della Didattica
2018	Decreto Rettoriale di nomina a Prorettore per le Reti Universitarie Europee per il biennio 2018-2020
2016	Decreto Rettoriale di nomina a Prorettore per le Reti Universitarie Europee per il biennio 2016-18
2016	Decreto Rettoriale di nomina a Membro del gruppo di lavoro Sapienza-CDE (Council for Doctoral Education)
2015	Nomina da parte del Preside della Facoltà di Farmacia e Medicina a Coordinatore Accademico per la Mobilità Internazionale per l’Area Farmaceutica e Biotecnologica
2014	Decreto Rettoriale di nomina a Prorettore delegato per le azioni di Sviluppo della Rete UNICA (Università delle Capitali Europee) per il biennio 2014-2016
2013	Decreto Rettoriale di nomina a membro della Commissione “Professori visitatori stranieri per lo svolgimento di attività didattica”
2013	Decreto Rettoriale di nomina a membro della Commissione “Professori visitatori stranieri per lo svolgimento di attività di ricerca”
2010	Decreto Rettoriale di nomina a membro della Commissione “Professori visitatori stranieri per lo svolgimento di attività didattica”
2005	Comunicazione di nomina a Membro del Consiglio Universitario per le Relazioni internazionali di Sapienza Università di Roma

V. Organizzazione, direzione e coordinamento di centri o gruppi di ricerca nazionali e internazionali o partecipazione agli stessi e altre attività quali la direzione o la partecipazione a comitati editoriali di riviste scientifiche

A. Organizzazione, direzione e coordinamento di centri o gruppi di ricerca nazionali e internazionali (titoli allegati in PDF)

2007	Associatura all'Istituto di Chimica Biomolecolare del CNR che ha portato a risultati molto interessanti descritti nelle pubblicazioni elencate nella domanda
2006	Collaborazione il Prof. Virinder Parmar e il Prof. Ashok Prasad (University of Delhi) e diversi altri gruppi di ricerca indiani che ha portato a risultati molto interessanti descritti nelle pubblicazioni elencate nella domanda
2003	Collaborazione scientifica con la Charles University di Praga che ha portato a risultati molto interessanti descritti nelle pubblicazioni elencate nella domanda

B. direzione o partecipazione a comitati editoriali di riviste scientifiche (titoli allegati in PDF)

2020	Certificato Editor del journal Antioxidants (IF = 5.014)
2020	Certificato Editor del journal International Journal of Molecular Sciences (IF = 4.556)
2020	Certificato Editor del journal Molecules (IF = 3.267)
2020	Lead Guest Editor of the Special Issue "Chemistry and Pharmacology of Modulators of Oxidative Stress" for the journal Current Medicinal Chemistry (IF = 4.184)
2019	Lead Guest Editor of the Special Issue "Chemistry, Biology and Pharmacology of Modulators of Oxidative Stress" for the journal Oxidative Medicine and Cellular Longevity (IF =5.076)
2018	Lead Guest Editor of the Special Issue "Modulation of Oxidative Stress: Pharmaceutical and Pharmacological Aspects 2018" for the journal Oxidative Medicine and Cellular Longevity (IF = 5.076)
2017	Lead Guest Editor of the Special Issue "Modulation of Oxidative Stress: Pharmaceutical and Pharmacological Aspects" for the journal Oxidative Medicine and Cellular Longevity (IF = 5.076)
2017	Guest Editor of the Special Issue "Chemistry and Pharmacology of Modulators of Oxidative Stress" for the Journal Molecules
2016	Lead Guest Editor of the Special Issue "Modulation of Oxidative Stress: Pharmaceutical and Pharmacological Aspects" for the journal Oxidative Medicine and Cellular Longevity (2016)
2013	Guest Editor of the Special Issue. Synthesis, evaluation and pharmacological applications of antioxidant, Curr Med Chem (2013)
2013	Guest Editor of the Special Issue "Synthesis, Evaluation and Pharmacological Applications of Antioxidants" published in the journal Current Topics in Medicinal Chemistry in 2013
2013	Guest Editor of the Special Issue "Antioxidant heterocyclic compounds in drug discovery and medicinal chemistry" published in the journal Mini reviews in medicinal chemistry in 2013
2007	Guest Editor of the Themed Issue "Chemistry and biology of antioxidants" published in The Journal of Pharmacy and Pharmacology in 2007

VI. Conseguimento di premi e riconoscimenti nazionali e internazionali (titoli allegati in PDF)

2020	Documento UNICA comprovante il ruolo di Presidente della Rete universitaria delle capitali per il periodo 2019-2023 (http://www.unica-network.eu/page/unica-glance)
2018	Abilitazione Professore di Prima Fascia nel settore 05/G1
2018	Nomina a Membro dello Steering Committee della Association of Academic Health Center International (AAHCI, https://www.aahcdc.org/About/Board-and-Steering-Committee)
2017	Documento UNICA comprovante il ruolo di Presidente della Rete universitaria delle capitali per il periodo 2016-2019
2015	Lettera di endorsement dei Rettori delle università di Roma Sapienza, "Tor Vergata" e "Roma Tre" alla candidatura alla Presidenza della rete UNICA delle università delle Capitali Europee
2015	Riconoscimento attività scientifica e didattica da parte del Direttore di Dipartimento e Preside della Facoltà
2014	Abilitazione Professore di Seconda Fascia nel settore 05/G1
2011	Lettera di congratulazioni per l'elezione a Membro del Comitato Esecutivo delle rete UNICA delle università delle Capitali Europee
2005	Attestato riguardante l'articolo " Evaluation of the antioxidant activity of flavonoids by "ferric reducing antioxidant power" assay and cyclic voltammetry. by Firuzi O, Lacanna A, Petrucci R, Marrosu G, Saso L. Biochim Biophys Acta. 2005 Jan 18;1721(1-3):174-84" tra i 10 piu' "scaricati" dal sito della rivista nel 2005

VII. Attività di valutazione della ricerca

A. Attività di "referaggio" per numerose riviste scientifiche internazionali tra cui

British Journal of Pharmaceutical Research
Canadian Journal of Physiology and Pharmacology
Current Medicinal Chemistry
European Journal of Pharmacology
Journal of Biomedicine and Therapeutics
Journal of Clinical Pharmacy and Therapeutics
Journal of Pharmacy and Pharmacology
Oncotarget
Pharmaceutical Biology
Pharmacological Research

B. Valutazione di progetti di ricerca internazionali (titoli allegati in PDF)

2015	Referee per la THE WORLD ACADEMY OF SCIENCE (TWAS)
2015	Richiesta di valutazione di un progetto di ricerca da parte dell'Università di Padova
2014	Richiesta di valutazione di progetti di ricerca da parte dell'INDUSTRIAL RESEARCH FUND KU LEUVEN (IOF)
2013	Richiesta di valutazione di progetti di ricerca da parte del Comitato Regionale per la Ricerca e lo Sviluppo dei Paesi della Loira (Francia)
2012	Richiesta di valutazione di progetti di ricerca da parte della la SWISS NATIONAL SCIENCE FOUNDATION
2012	Richiesta di valutazione di progetti di ricerca da parte della RESEARCH FOUNDATION FLANDER (FWO, Belgio)
2007	Richiesta di valutazione di progetti di ricerca per la la Southeast European ERA-NET
2006	Richiesta di valutazione di progetti di ricerca per la SHOTA RUSTAVELI NATIONAL SCIENCE FOUNDATION (GEORGIA)
2006	Richiesta di valutazione di progetti di ricerca da parte della GEORGIAN NATIONAL SCIENCE FOUNDATION

C. Attività nell'ambito del Dottorato di Ricerca (titoli allegati in PDF)

2020	Membro Collegio di Dottorato in Scienze della Vita
2015	Nomina a "External Examiner" di una tesi di dottorato dell'Università di Alexandria (Egitto)
2014	Nomina a Membro dell'" Examining Board" dell'esame finale di dottorato dell'Università di Barcelona (Spagna)
2011	Nomina a "External Examiner" di una tesi di dottorato dell'Università di Delhi (India)
2010	Nomina a Membro dell'" Examining Board" dell'esame finale di dottorato dell'Università di Barcelona (Spagna)
2008	Nomina a Membro dell'" Examining Board" dell'esame finale di dottorato dell'Università di Salamanca (Spagna)
2007	Nomina a Membro della Commissione di un esame finale di dottorato della Sapienza
2005	Nomina a Membro dell'" Examining Board" dell'esame finale di dottorato dell'Università di Barcelona (Spagna)
2002	Nomina a Membro dell'" Examining Board" dell'esame finale di dottorato dell'Università di Barcelona (Spagna)

VIII. Partecipazione in qualità di Relatore e organizzazione di congressi e convegni di interesse internazionale (titoli allegati in PDF)

2020	Delega da parte del Rettore a rappresentare Sapienza per le votazioni in seno all'Assemblea generale della <i>European University Association</i> (850 università europee e Conferenze dei Rettori dei paesi europei)
2019	Presentazione orale su "Biosciences in the Digital World" al FEBS Meeting "Excellence in Learning and Teaching Biochemistry", Rome September 16-17, 2019
2019	Programma della visita personalizzata del Centro Europeo di Ricerca JRC di Ispra (Varese)
2019	Lettera di invito per il cluster scienza e tecnologia della 5° edizione del Forum per il dialogo tra l'Italia e la Svizzera (12-13 aprile 2019, Genova), promosso dall'Ambasciata di Svizzera in Italia, dall'Ambasciata d'Italia in Svizzera, sotto gli auspici del Dipartimento Federale Affari Esteri svizzero e del Ministero degli Affari Esteri italiano.
2018	Presentazione orale su "Pharmacological applications of modulators of oxidative stress in cardiovascular diseases" nella sessione "Biochemistry and tailored therapy of cardiometabolic diseases" del FEBS Congress 2018 - Prague, Czech Republic
2017	Invito da parte del Presidente del CNRS (Alain Fuchs) e del President della Max Planck Society (Martin Stratmann) a partecipare alla <i>high-level rountable</i> su "Added Value of Excellence in European Research" (Brussels, 6-3-2017)
2016	Invito a partecipare in qualità di relatore al high level research policy seminar organized by the Coimbra Group of European Universities in Venice (2016)
2016	Presidente di sessione (in sostituzione del Rettore della Sapienza) nel Workshop on the internationalization and quality Assurance of medical education, organized for the World Health Summit Regional Meeting in Geneva from April 19 - 21, 2016.
2016	Invito a partecipare come relatore (plenary talk in Topic 4: Bioactive natural products-biochemistry and pharmacology) all' International Bioscience Conference 2016 - the 6th Joint International PSU-UNS Bioscience Conference – IBSC 2016, held on September 19-21, 2016 in Novi Sad, Serbia.
2015	Co-organizzazione (insieme alla Vrije Universiteit Brussel) dell'international PhD Symposium " <i>Modulating oxidative stress in pathological conditions:an interdisciplinary challenge for chemists, biologists and pharmacologists</i> " Friday 29 May 2015 (Bruxelles, Belgio)
2015	Invito a partecipare in qualità di Guest Speaker alla Fourth Scientific Conference of Ayn Shams University " <i>Towards a National Innovation System: Current Indicators and Future Prospects</i> " (Cairo, Egitto, 27-29 Aprile 2015)
2015	Invito in qualità di "invited Speaker" al 5th International Congress of Molecular Medicine 20—22 May 2015 Dokuz Eylül University, Medical Faculty Congress Center, Inciralti, Izmir, Turkey
2014	Attestato di partecipazione in qualità di lecturer su "Research and Innovation Models in European Universities" alla 4th International Arab Conference on Quality Assurance in Higher Education (Zarqa University, Jordan 1-3 April 2014)
2013	Partecipazione in qualità di Esperto alla 4th UNICA PhD MASTER CLASS "How Does Globalisation Affect Supervision?", Centre for Advanced Academic Studies of the University of Zagreb, Dubrovnik, 1-4 September 2013.
2013	Presentazione su "Developing transferrable skills during doctoral studies: Increasing the employability of doctors in public and private non -academic sectors in Europe" nell'ambito della Summer School "Applied Research: From University to Industry" held at the University of Cantabria (Santander, Spain 2-6 September 2013)
2012	Chairperson of the International Workshop on Drug Development on "Preclinical, Clinical and Bioethical Aspects" nell'ambito della VIII Malta Medical School Conference (Malta 1st December 2012)
2011	Co-organizzazione del 10th Indo-Italian Workshop on Chemistry and Biology of Antioxidants (Roma 9-13 novembre 2011)

2011	Co-organizzazione del 9th Indo-Italian Workshop on Chemistry and Biology of Antioxidants (Delhi, India 10-11 ottobre 2011)
2010	Co-organizzazione dell'8° Indo-Italian Workshop on Chemistry and Biology of Antioxidants (Roma, 29 nov -2 dic 2010)
2010	Co-organizzazione del 7° Indo-Italian Workshop on Chemistry and Biology of Antioxidants (Delhi, 16 nov 2010)
2010	Invito in qualità di "Speaker and Chair" al VII Convention of The Biotech Research Society-India (BRSI) and Indo-Italian Workshop on Industrial and Pharmaceutical Biotechnology (IIWIPB) (Madurai, India 12-11-2010).
2009	Co-organizzazione del 6° Indo-Italian Workshop on Chemistry and Biology of Antioxidants (Delhi, 10-11 dic 2009)
2009	Co-organizzazione del 5° Indo-Italian Workshop on Chemistry and Biology of Antioxidants (Roma 5-9 luglio 2009)
2008	Co-organizzazione del 4° Indo-Italian Workshop on Chemistry and Biology of Antioxidants (Delhi 7 dic 2008)
2007	Co-organizzazione del 3° Indo-Italian Workshop on Chemistry and Biology of Antioxidants (Delhi 28-30 nov 2007)
2007	Co-organizzazione del 2° Indo-Italian Workshop on Chemistry and Biology of Antioxidants (Roma, 9-11 luglio 2007)
2006	Co-organizzazione del 1° Indo-Italian Workshop on Chemistry and Biology of Antioxidants (Delhi 8-9 gen 2006)

IX - Funding Information [grants as PI-principal investigator or I-investigator] (Titoli allegati in PDF)

A. FINANZIAMENTI INTERNAZIONALI OTTENUTI E GESTITI IN QUALITÀ DI RESPONSABILE SCIENTIFICO (I) E COORDINATORE (PI) NEL PERIODO 2000-2011

ANNO	ENTE FINANZIATORE	TIPOLOGIA	TITOLO	DURATA (mesi)	IMPORTO (€)	RUOLO
2011	Ministero dell'Università e della Ricerca, Direzione Generale per le Strategie e lo Sviluppo dell'Internazionalizzazione della Ricerca Scientifica e Tecnologica previo parere favorevole del Ministero degli Affari Esteri, Direzione Generale per la Promozione e la Cooperazione Culturale.	Progetto giudicato di GRANDE RILEVANZA dal Ministero degli Affari Esteri per la collaborazione con l'INDIA grazie al coinvolgimento di diverse università italiane (Sapienza, Tor Vergata, Roma Tre, Messina, Milano, Siena) e indiane (Delhi, etc.)	SVILUPPO DI NUOVI FARMACI ANTIOSSIDANTI	12	50.000	PI
2010	Ministero dell'Università e della Ricerca, Direzione Generale per le Strategie e	Progetto giudicato di GRANDE	SVILUPPO DI NUOVI FARMACI ANTIOSSIDANTI	12	50.000	PI

	lo Sviluppo dell'Internazionalizzazione della Ricerca Scientifica e Tecnologica previo parere favorevole del Ministero degli Affari Esteri, Direzione Generale per la Promozione e la Cooperazione Culturale.	RILEVANZA dal Ministero degli Affari Esteri per la collaborazione con l'INDIA grazie al coinvolgimento di diverse università italiane (Sapienza, Tor Vergata, Roma Tre, Messina, Milano, Siena) e indiane (Delhi, etc.)				
2009	Ministero dell'Università e della Ricerca, Direzione Generale per le Strategie e lo Sviluppo dell'Internazionalizzazione della Ricerca Scientifica e Tecnologica previo parere favorevole del Ministero degli Affari Esteri, Direzione Generale per la Promozione e la Cooperazione Culturale.	Progetto giudicato di GRANDE RILEVANZA dal Ministero degli Affari Esteri per la collaborazione con l'INDIA grazie al coinvolgimento di diverse università italiane (Sapienza, Tor Vergata, Roma Tre, Messina, Milano, Siena) e indiane (Delhi, etc.)	SVILUPPO DI NUOVI FARMACI ANTIOSSIDANTI	12	100.000	PI
2007	Ministero dell'Università e della Ricerca, Direzione Generale per le Strategie e lo Sviluppo dell'Internazionalizzazione della Ricerca Scientifica e Tecnologica previo parere favorevole del Ministero degli Affari Esteri, Direzione Generale per la Promozione e la Cooperazione Culturale.	Progetto giudicato di GRANDE RILEVANZA dal Ministero degli Affari Esteri per la collaborazione con l'INDIA grazie al coinvolgimento di diverse università italiane (Sapienza, Tor Vergata, Roma Tre, Messina, Milano, Siena) e indiane (Delhi, etc.)	SVILUPPO DI NUOVI FARMACI ANTIOSSIDANTI		150.000	PI
2003	EUROPEAN SCHEME INTAS[2] (Project	Progetto internazionale in	Design of new inhibitors of protein	36	171.399	PI

	reference number: 03-51-4813)	collaborazione con il Belozersky Institute of Physico-Chemical Biology of the Moscow State University, la Russian Academy of Sciences (Moscow), il Department of Biochemistry of the Belarus State University (Minsk, Belarus), il Department of Biotechnology of Lund University (Sweden) e l'Institut National de la Recherche Agronomique" (Nantes, France).	aggregation for the pharmacological treatment of Alzheimer's disease			
2003	Sapienza Università di Roma	Progetto bilaterale in collaborazione con l'Accademia delle Scienze di Sofia	PROPRIETÀ FARMACOLOGICHE DI NUOVI AGENTI ANTIOSSIDANTI	12	4.455	PI
2002	North Atlantic Treaty Organization (NATO)	Progetto internazionale in collaborazione con il Belozersky Institute of Physico-Chemical Biology of the Moscow State University, la Russian Academy of Sciences (Moscow), il Department of Biochemistry of the Belarus State University (Minsk, Belarus), il Department of Biotechnology of Lund University (Sweden) e l'Institut National de la	NEW ANTIDENATURANT AGENTS FOR PROTEIN CONDENSATION DISEASES	24	25.600	PI

		Recherche Agronomique” (Nantes, France).				
				TOTALE (€)	551.454	

B FINANZIAMENTI NAZIONALI OTTENUTI E GESTITI IN QUALITÀ DI RESPONSABILE SCIENTIFICO E COORDINATORE NEL PERIODO 2000-2011

ANNO	ENTE FINANZIATORE	TIPOLOGIA	TITOLO	DURATA	IMPORTO (€)	RUOLO
2011	Sapienza Università di Roma	Progetto universitario interdipartimentale e interfacoltà in collaborazione con CNR e Istituto Superiore di Sanità	VALUTAZIONE DELLO STRESS OSSIDATIVO IN DIVERSE CONDIZIONI PATOLOGICHE E STUDIO DI POSSIBILI AGENTI ANTIOSSIDANTI	12	8.000	PI
2010	Sapienza Università di Roma	Progetto universitario interdipartimentale e interfacoltà in collaborazione con CNR e Istituto Superiore di Sanità	VALUTAZIONE DELLO STRESS OSSIDATIVO IN DIVERSE CONDIZIONI PATOLOGICHE E STUDIO DI POSSIBILI AGENTI ANTIOSSIDANTI	12	9.000	PI
2009	Sapienza Università di Roma	Progetto universitario interdipartimentale e interfacoltà in collaborazione con CNR e Istituto Superiore di Sanità	SOSTANZE NATURALI AD ATTIVITÀ ANTIOSSIDANTE	12	8.000	PI
2008	Sapienza Università di Roma	Progetto universitario interdipartimentale e interfacoltà in collaborazione con CNR e Istituto Superiore di Sanità	<i>SOSTANZE NATURALI AD ATTIVITÀ ANTIOSSIDANTE</i>	12	9.000	PI
2007	Sapienza Università di Roma	Progetto universitario interdipartimentale e interfacoltà in collaborazione con CNR e Istituto Superiore di Sanità	SOSTANZE NATURALI AD ATTIVITÀ ANTIOSSIDANTE	12	7.000	PI
2006	Ministero della Salute, Direzione Generale Ricerca Scientifica e Tecnologica	Progetto nazionale interuniversitario in collaborazione con l'INRAN e con l'Istituto Superiore di Sanità	EFFETTO DI INTEGRATORI, CONTENENTI O MENO ANTIOSSIDANTI, SULLO STRESS OSSIDATIVO DI SPORTIVI	24	80.000	PI

2006	Sapienza Università di Roma	Progetto universitario interdipartimentale e interfacoltà in collaborazione con CNR e Istituto Superiore di Sanità	SOSTANZE NATURALI AD ATTIVITÀ ANTIOSSIDANTE	12	8.000	PI
2003	Sapienza Università di Roma	Progetto universitario interdipartimentale e interfacoltà in collaborazione con CNR e Istituto Superiore di Sanità	"NUOVI AGENTI ANTIDENATURANTI ED ANTIOSSIDANTI PER IL TRATTAMENTO DI PATOLOGIE REUMATICHE ED ALTRE CONDIZIONI NELLE QUALI LO STRESS OSSIDATIVO GIOCA UN IMPORTANTE RUOLO PATOGENETICO"	12	11.000	PI
2002	Sapienza Università di Roma	Progetto universitario interdipartimentale e interfacoltà in collaborazione con CNR e Istituto Superiore di Sanità	NUOVI AGENTI ANTIDENATURANTI ED ANTIOSSIDANTI PER IL TRATTAMENTO DI PATOLOGIE REUMATICHE ED ALTRE CONDIZIONI NELLE QUALI LO STRESS OSSIDATIVO GIOCA UN IMPORTANTE RUOLO PATOGENETICO	12	22.600	PI
2001	Sapienza Università di Roma	Progetto universitario interdipartimentale e interfacoltà in collaborazione con CNR e Istituto Superiore di Sanità	"AGENTI PER IL TRATTAMENTO DI PATOLOGIE REUMATICHE"	12	10.329	PI
2000	Sapienza Università di Roma	Progetto universitario interdipartimentale e interfacoltà in collaborazione con CNR e Istituto Superiore di Sanità	AGENTI PER IL TRATTAMENTO DI PATOLOGIE REUMATICHE	12	23.757	PI
			TOTALE		196.686	

C. FINANZIAMENTI INTERNAZIONALI OTTENUTI E GESTITI DA IN QUALITÀ DI RESPONSABILE SCIENTIFICO (I) NEL PERIODO 2011-2016

ANNO	ENTE FINANZIATORE	TIPOLOGIA	TITOLO	DURATA (mesi)	IMPORTO (€)	RUOLO
2013	European Commission	Lifelong Learning Programme	EGRACONS	36	52.344	I
2014	European Commission	Lifelong Learning Programme	IMOTION	12	6.642	I
2016	Ministry of Education and Science of the Russian Federation	Russian President's scheme in collaboration with "Perm National Research Polytechnic University"	MODULATION OF OXIDATIVE STRESS	6	20.200	I
				Totale (€)	79.186	

D. FINANZIAMENTI NAZIONALI OTTENUTI E GESTITI IN QUALITÀ DI RESPONSABILE SCIENTIFICO (I) E COORDINATORE (PI) NEL PERIODO 2011-2016

ANNO	ENTE FINANZIATORE	TIPOLOGIA	TITOLO	DURATA	IMPORTO (€)	RUOLO
2012	Sapienza Università di Roma	Progetto universitario interdipartimentale e interfacoltà in collaborazione con CNR e Istituto Superiore di Sanità	VALUTAZIONE DELLO STRESS OSSIDATIVO IN DIVERSE CONDIZIONI PATOLOGICHE E STUDIO DI POSSIBILI AGENTI ANTIOSSIDANTI	12	7.000	PI
2013	Sapienza Università di Roma	Progetto universitario interdipartimentale e interfacoltà in collaborazione con CNR e Istituto Superiore di Sanità	VALUTAZIONE DELLO STRESS OSSIDATIVO IN DIVERSE CONDIZIONI PATOLOGICHE E STUDIO DI POSSIBILI AGENTI ANTIOSSIDANTI	12	7.000	PI
2014	Sapienza Università di Roma	Progetto universitario interdipartimentale e interfacoltà in collaborazione con CNR e Istituto Superiore di Sanità	VALUTAZIONE E MODULAZIONE DELLO STRESS OSSIDATIVO IN DIVERSE CONDIZIONI PATOLOGICHE	12	6.000	PI
				Totale (€)	20.000	

E. FINANZIAMENTI INTERNAZIONALI OTTENUTI E GESTITI DA IN QUALITÀ DI RESPONSABILE SCIENTIFICO E COORDINATORE NEL PERIODO 2017-2020

ANNO	ENTE FINANZIATORE	TIPOLOGIA	TITOLO	DURATA (mesi)	IMPORTO (€)
2018	European Commission	Erasmus+	Unipharma-Graduates	18	42200
2019	UBT	Programma di Ricerca	Ricerca di nuovi farmaci modulatori dello stress ossidativo	12	11.990
2020	European Commission	Erasmus+	Unipharma-Graduates	12	24000
				Totale (€)	78190

X – Attività di Ricerca

Keywords

Pharmacological modulation of oxidative stress, antioxidant or prooxidant therapies, polyphenols, coumarins, inflammatory disorders, cardiovascular and neurodegenerative diseases, cancer

Brief Description

Luciano Saso's main research line is the "**Pharmacological modulation of oxidative stress**". Very briefly, it is known that reactive oxygen (ROS) and nitrogen (RNS) species are implicated in the pathogenesis of several diseases including inflammatory disorders, cardiovascular diseases, neurodegenerative diseases and cancer. In the last few years, several epidemiological and clinical studies of antioxidant therapies failed for different reasons summarized in the article "*Firuzi O, Miri R, Tavakkoli M, Saso L. Antioxidant therapy: Current status and future prospects. Curr Med Chem 2011;18:3871-3888*" and the roles of free radicals and antioxidants have been redefined, understanding that some actions of ROS can be useful from a pharmacological point of view like in the case of reversal of multidrug resistance (*Saso L, Firuzi O. Pharmacological applications of antioxidants: Lights and shadows. Curr Drug Targets 2014;15:1177-1199.*). Thus, as described in the publications listed below, the appropriate modulation of oxidative stress with antioxidant or prooxidant drugs is essential to develop new pharmacological treatments for a variety of conditions for which the current therapies are not satisfactory. In particular, in the recent years, the candidate contributed to clarify the importance of Nrf2 as pharmacological target in cancer therapy (*Panieri E and Saso L, Potential Applications of NRF2 Inhibitors in Cancer Therapy Oxid Med Cell Longev . 2019*)

XI – Summary of Scientific Achievements

Numero lavori indicizzati pubblicati negli ultimi 10 anni (2010-2020)	162
Impact factor lavori indicizzati ultimi 10 anni (2010-2020)	565.927
Numero totale dei lavori indicizzati	261
Impact Factor Totale	820.601
Impact Factor Medio	3.144
Numero totale delle citazioni	5601 (Scopus) 7707 (Google Scholar)
Numero medio citazioni per articolo	19,58 (Scopus)
H-index lavori pubblicati negli ultimi 5 anni (2015-2020)	18 (Scopus) 34 (Google Scholar)
H-index lavori pubblicati negli ultimi 10 anni (2010-2020)	28 (Scopus)
H-index complessivo	39 (Scopus) 47 (Google Scholar)

XII– 16 pubblicazioni selezionate per la valutazione di merito (files PDF allegati)

List of the publications selected for the evaluation. For each publication report title, authors, reference data, journal IF (if applicable), citations, press/media release (if any).

		IF	CIT.
1.	Saha S, Buttari B, Panieri E, Profumo E, Saso L. An Overview of Nrf2 Signaling Pathway and Its Role in Inflammation. <i>Molecules</i> . 2020 Nov 23;25(22):E5474.	3.060	0
2.	Djedjibegovic J, Marjanovic A, Panieri E, Saso L. Ellagic Acid-Derived Urolithins as Modulators of Oxidative Stress. <i>Oxid Med Cell Longev</i> . 2020 Jul 28;2020:5194508.	5.076	0
3.	Panieri E, Telkoparan-Akillilar P, Suzen S, Saso L. The NRF2/KEAP1 Axis in the Regulation of Tumor Metabolism: Mechanisms and Therapeutic Perspectives. <i>Biomolecules</i> . 2020 May 20;10(5):791.	4.082	1
4.	Panieri E, Buha A, Telkoparan-Akillilar P, Cevik D, Kouretas D, Veskoukis A, Skaperda Z, Tsatsakis A, Wallace D, Suzen S, Saso L. Potential Applications of NRF2 Modulators in Cancer Therapy. <i>Antioxidants</i> . 2020 Feb 25;9(3):193.	5.014	17
5.	Panieri E, Saso L. Potential Applications of NRF2 Inhibitors in Cancer Therapy. <i>Oxid Med Cell Longev</i> . 2019 Apr 11;2019:8592348.	5.076	29
6.	Telkoparan-Akillilar P, Suzen S, Saso L. Pharmacological Applications of Nrf2 Inhibitors as Potential Antineoplastic Drugs. <i>Int J Mol Sci</i> 2019 Apr 24;20(8):2025.	4.556	13
7.	Armagan G, Sevgili E, Gürkan FT, Köse FA, Bilgiç T, Dacı T, Saso L. Regulation of the Nrf2 Pathway by Glycogen Synthase Kinase-3 β in MPP ⁺ -Induced Cell Damage. <i>Molecules</i> . 2019 Apr 8;24(7):1377.	3.060	8
8.	Sova M, Saso L. Design and development of Nrf2 modulators for cancer chemoprevention and therapy: a review. <i>Drug Des Devel Ther</i> . 2018 Sep 25;12:3181-3197.	3.216	18
9.	Graziani M, Sarti P, Arese M, Magnifico MC, Badiani A, Saso L. Cardiovascular Mitochondrial Dysfunction Induced by Cocaine: Biomarkers and Possible Beneficial Effects of Modulators of Oxidative Stress. <i>Oxid Med Cell Longev</i> . 2017;2017:3034245.	5.076	12
10.	Boldrini P, Fusco A, Nicoletti F, Badiani A, Saso L. Potential Use of Modulators of Oxidative Stress as Add-on Therapy in Patients with Anxiety Disorders. <i>Curr Drug Targets</i> . 2018;19(6):636-650.	2.632	3
11.	Milkovic L, Zarkovic N, Saso L. Controversy about pharmacological modulation of Nrf2 for cancer therapy. <i>Redox Biol</i> . 2017 Aug;12:727-732.	9.986	57
12.	Ganguly G, Chakrabarti S, Chatterjee U, Saso L. Proteinopathy, oxidative stress and mitochondrial dysfunction: cross talk in Alzheimer's disease and Parkinson's disease. <i>Drug Des Devel Ther</i> . 2017 Mar 16;11:797-810.	3.216	89

13.	Begic A, Djuric A, Ninkovic M, Stevanovic I, Djurdjevic D, Pavlovic M, Jelic K, Pantelic A, Zebic G, Dejanovic B, Stanojevic I, Vojvodic D, Milosavljevic P, Djukic M, Saso L . Disulfiram moderately restores impaired hepatic redox status of rats subchronically exposed to cadmium. <i>J Enzyme Inhib Med Chem</i> . 2017 Dec;32(1):478-489.	4.673	4
14.	Carvalho AN, Firuzi O, Gama MJ, Horssen JV, Saso L . Oxidative Stress and Antioxidants in Neurological Diseases: Is There Still Hope? <i>Curr Drug Targets</i> . 2017 Mar 30;18(6):705-718.	2.632	41
15.	Graziani M, Antonilli L, Togna AR, Grassi MC, Badiani A, Saso L . Cardiovascular and Hepatic Toxicity of Cocaine: Potential Beneficial Effects of Modulators of Oxidative Stress. <i>Oxid Med Cell Longev</i> . 2016;2016:8408479.	5.076	15
16.	Chandak N, Bhardwaj JK, Zheleva-Dimitrova D, Kitanov G, Sharma RK, Sharma PK, Saso L . Effective attenuation of atrazine-induced histopathological changes in testicular tissue by antioxidant N-phenyl-4-aryl-polyhydroquinolines. <i>J Enzyme Inhib Med Chem</i> . 2015;30(5):722-9.	4.673	12

XIII– Elenco dell'intera produzione scientifica del candidato

		IF
1.	Todorov L, Traykova M, Saso L , Kostova I. In Vitro Interaction of 5-Aminoorotic Acid and Its Gallium(III) Complex with Superoxide Radical, Generated by Two Model Systems. <i>Int J Mol Sci</i> . 2020 Nov 23;21(22):E8862.	4.556
2.	Saha S, Buttari B, Panieri E, Profumo E, Saso L. An Overview of Nrf2 Signaling Pathway and Its Role in Inflammation. <i>Molecules</i> . 2020 Nov 23;25(22):E5474.	3.060
3.	Nabavi SM, Devi KP, Sathya S, Sanches-Silva A, Joanna L, Talarek S, Xu S, Daglia M, Nabavi SF, Shirooie S, Sureda A, Tejada S, Banach M, Dehpour AR, Saso L . New trends in the pharmacological intervention of PPARs in obesity: Role of natural and synthetic compounds. <i>Curr Med Chem</i> . 2020 Nov 22.	4.184
4.	Benarous K, Bou-Salah L, Linani A, Yousfi M, Kostova I, Saso L . Lanthanide (III) complexes of bis-coumarins as strong inhibitors of bovine xanthine oxidase - molecular docking and SAR studies. <i>J Biomol Struct Dyn</i> . 2020 Nov 4:1-7.	3.310
5.	Thakran S, Guin D, Singh P, Singh P, Kukal S, Rawat C, Yadav S, Kushwaha SS, Srivastava AK, Hasija Y, Saso L , Ramachandran S, Kukreti R. Genetic Landscape of Common Epilepsies: Advancing towards Precision in Treatment. <i>Int J Mol Sci</i> . 2020 Oct 21;21(20):7784.	4.556
6.	Saha S, Profumo E, Togna AR, Riganò R, Saso L , Buttari B. Lupeol Counteracts the Proinflammatory Signalling Triggered in Macrophages by 7-Keto-Cholesterol: New Perspectives in the Therapy of Atherosclerosis. <i>Oxid Med Cell Longev</i> . 2020 Sep 27;2020:1232816.	5.076
7.	Kaur U, Chakrabarti SS, Ojha B, Pathak BK, Singh A, Saso L , Chakrabarti S. Targeting host cell proteases to prevent SARS-CoV-2 invasion. <i>Curr Drug Targets</i> . 2020 Sep 24.	2.632
8.	Kaur U, Acharya K, Mondal R, Singh A, Saso L , Chakrabarti S, Chakrabarti SS. Should ACE2 be given a chance in COVID-19 therapeutics: A semi-systematic review of strategies enhancing ACE2. <i>Eur J Pharmacol</i> . 2020 Nov 15;887:173545.	3.263
9.	Alam W, Khan H, Shah MA, Cauli O, Saso L . Kaempferol as a Dietary Anti- Inflammatory Agent: Current Therapeutic Standing. <i>Molecules</i> . 2020 Sep 7;25(18):4073.	3.060
10.	Zarneshan SN, Fakhri S, Farzaei MH, Khan H, Saso L . Astaxanthin targets PI3K/Akt signaling pathway toward potential therapeutic applications. <i>Food Chem Toxicol</i> . 2020 Nov;145:111714.	4.679
11.	Djedjibegovic J, Marjanovic A, Panieri E, Saso L . Ellagic Acid-Derived Urolithins as Modulators of Oxidative Stress. <i>Oxid Med Cell Longev</i> . 2020 Jul 28;2020:5194508.	5.076
12.	Nagarajan S, Nagarajan R, Kumar J, Salemme A, Togna AR, Saso L , Bruno F. Antioxidant Activity of Synthetic Polymers of Phenolic Compounds. <i>Polymers</i> . 2020 Jul 24;12(8):1646..	3.426
13.	Saso L , Gürer-Orhan H, Stepanić V. Modulators of Oxidative Stress: Chemical and Pharmacological	5.014

	Aspects. Antioxidants. 2020 Jul 24;9(8):657.	
14.	Sova M, Saso L. Natural Sources, Pharmacokinetics, Biological Activities and Health Benefits of Hydroxycinnamic Acids and Their Metabolites. <i>Nutrients</i> . 2020 Jul 23;12(8):2190.	4.546
15.	Losada-Barreiro S, Sova M, Mravljak J, Saso L, Bravo-Díaz C. Synthesis, In Vitro Antioxidant Properties and Distribution of a New Cyanothiophene-Based Phenolic Compound in Olive Oil-In-Water Emulsions. <i>Antioxidants</i> . 2020 Jul 16;9(7):623.	5.014
16.	Panieri E, Telkoparan-Akillilar P, Suzen S, Saso L. The NRF2/KEAP1 Axis in the Regulation of Tumor Metabolism: Mechanisms and Therapeutic Perspectives. <i>Biomolecules</i> . 2020 May 20;10(5):791.	4.082
17.	Saso L, Suzen S, Borges F, Csont T. Chemistry and Pharmacology of Modulators of Oxidative Stress. <i>Curr Med Chem</i> . 2020;27(13):2038-2039.	4.184
18.	Shahraki O, Khoshneviszadeh M, Dehghani M, Mohabbati M, Tavakkoli M, Saso L, Edraki N, Firuzi O. 5-Oxo-hexahydroquinoline Derivatives and Their Tetrahydroquinoline Counterparts as Multidrug Resistance Reversal Agents. <i>Molecules</i> . 2020 Apr 16;25(8):1839.	3.060
19.	Albert A, Paul E, Rajakumar S, Saso L. Oxidative stress and endoplasmic stress in calcium oxalate stone disease: the chicken or the egg? <i>Free Radic Res</i> . 2020 Apr;54(4):244-253.	2.839
20.	Panieri E, Buha A, Telkoparan-Akillilar P, Cevik D, Kouretas D, Veskoukis A, Skaperda Z, Tsatsakis A, Wallace D, Suzen S, Saso L. Potential Applications of NRF2 Modulators in Cancer Therapy. <i>Antioxidants</i> . 2020 Feb 25;9(3):193.	5.014
21.	Rawat C, Kutum R, Kukal S, Srivastava A, Dahiya UR, Kushwaha S, Sharma S, Dash D, Saso L, Srivastava AK, Kukreti R. Downregulation of peripheral PTGS2/COX-2 in response to valproate treatment in patients with epilepsy. <i>Sci Rep</i> . 2020 Feb 13;10(1):2546.	3.998
22.	Saha S, Panieri E, Suzen S, Saso L. The Interaction of Flavonols with Membrane Components: Potential Effect on Antioxidant Activity. <i>J Membr Biol</i> . 2020 Feb;253(1):57-71.	1.877
23.	Nallathamby N, Phan CW, Sova M, Saso L, Sabaratnam V. Synthesized 2-Trifluoromethylquinazolines and Quinazolinones Protect BV2 and N2a Cells against LPS- and H2O2-induced Cytotoxicity. <i>Med Chem</i> . 2019 Dec 17.	2.577
24.	Najmanová I, Vopršalová M, Saso L, Mladěnka P. The pharmacokinetics of flavanones. <i>Crit Rev Food Sci Nutr</i> . 2020;60(18):3155-3171.	7.862
25.	Carbone C, Lo Russo SLM, Lacivita E, Frank A, Alleva E, Stark H, Saso L, Leopoldo M, Adriani W. Prior Activation of 5-HT7 Receptors Modulates the Conditioned Place Preference With Methylphenidate. <i>Front Behav Neurosci</i> . 2019 Sep 18;13:208.	2.512
26.	Moosavi F, Giovannetti E, Saso L, Firuzi O. HGF/MET pathway aberrations as diagnostic, prognostic, and predictive biomarkers in human cancers. <i>Crit Rev Clin Lab Sci</i> . 2019 Dec;56(8):533-566.	7.862
27.	Singh A, Kukreti R, Saso L, Kukreti S. Oxidative Stress: Role and Response of Short Guanine Tracts at Genomic Locations. <i>Int J Mol Sci</i> . 2019 Aug 30;20(17):4258.	4.556
28.	Buttari B, Profumo E, Capozzi A, Saso L, Sorice M, Riganò R. Post- translational modifications of proteins in antiphospholipid antibody syndrome. <i>Crit Rev Clin Lab Sci</i> . 2019 Dec;56(8):511-525.	7.862
29.	Guin D, Rani J, Singh P, Grover S, Bora S, Talwar P, Karthikeyan M, Satyamoorthy K, Adithan C, Ramachandran S, Saso L, Hasija Y, Kukreti R. Global Text Mining and Development of Pharmacogenomic Knowledge Resource for Precision Medicine. <i>Front Pharmacol</i> . 2019 Aug 7;10:839.	4.225
30.	Smith RE, Ozben T, Saso L. Modulation of Oxidative Stress: Pharmaceutical and Pharmacological Aspects 2018. <i>Oxid Med Cell Longev</i> . 2019 Jul 3;2019:6380473. doi: 10.1155/2019/6380473. PMID: 31354910; PMCID: PMC6636480.	5.076
31.	Faure A, Zoratto F, Chirico D, Romano E, Mancinelli R, Saso L, Callebert J, Laviola G, Granon S, Adriani W. Reduced adolescent risk-assessment and lower nicotinic beta-2 expression in rats exposed to nicotine through lactation by forcedly drinking dams. <i>Neuroscience</i> . 2019 Aug 10;413:64-76.	3.056
32.	Divya G, Albert A, Singab ANB, Ayoub IM, Al-Sayed E, Paul E, Manoharan K, Saso L, Selvam GS. Renoprotective effect of tectorigenin glycosides isolated from <i>Iris spuria</i> L. (<i>Zeal</i>) against hyperoxaluria and hyperglycemia in NRK-49Fcells. <i>Nat Prod Res</i> . 2019 May 28:1-6	2.158
33.	Velkov Z, Traykov M, Trenchev I, Saso L, Tadjer A. Topology-Dependent Dissociation Mode of the O-H Bond in Monohydroxycoumarins. <i>J Phys Chem A</i> . 2019 Jun 20;123(24):5106-5113.	2.600
34.	Panieri E, Saso L. Potential Applications of NRF2 Inhibitors in Cancer Therapy. <i>Oxid Med Cell Longev</i> . 2019 Apr 11;2019:8592348.	5.076
35.	Firuzi O, Che PP, El Hassouni B, Buijs M, Coppola S, Löhr M, Funel N, Heuchel R, Carnevale I, Schmidt T, Mantini G, Avan A, Saso L, Peters GJ, Giovannetti E. Role of c-MET Inhibitors in Overcoming Drug Resistance in Spheroid Models of Primary Human Pancreatic Cancer and Stellate Cells. <i>Cancers</i> . 2019 May 8;11(5):638.	6.126
36.	Telkoparan-Akillilar P, Suzen S, Saso L. Pharmacological Applications of Nrf2 Inhibitors as Potential Antineoplastic Drugs. <i>Int J Mol Sci</i> . 2019 Apr 24;20(8):2025.	4.556

37.	Srivastava A, Singh P, Gupta H, Kaur H, Kanojia N, Guin D, Sood M, Chadda RK, Yadav J, Vohora D, Saso L, Kukreti R. Systems Approach to Identify Common Genes and Pathways Associated with Response to Selective Serotonin Reuptake Inhibitors and Major Depression Risk. <i>Int J Mol Sci.</i> 2019 Apr 23;20(8):1993.	4.556
38.	Singh A, Kukreti R, Saso L, Kukreti S. Oxidative Stress: A Key Modulator in Neurodegenerative Diseases. <i>Molecules.</i> 2019 Apr 22;24(8):1583.	3.060
39.	Armagan G, Sevgili E, Gürkan FT, Köse FA, Bilgiç T, Dacı T, Saso L. Regulation of the Nrf2 Pathway by Glycogen Synthase Kinase-3 β in MPP ⁺ -Induced Cell Damage. <i>Molecules.</i> 2019 Apr 8;24(7):1377.	3.060
40.	Stepanić V, Matijašić M, Horvat T, Verbanac D, Kučerová-Chlupáčová M, Saso L, Žarković N. Antioxidant Activities of Alkyl Substituted Pyrazine Derivatives of Chalcones-In Vitro and In Silico Study. <i>Antioxidants.</i> 2019 Apr 5;8(4):90.	5.014
41.	Jankovic A, Saso L, Korac A, Korac B. Relation of Redox and Structural Alterations of Rat Skin in the Function of Chronological Aging. <i>Oxid Med Cell Longev.</i> 2019 Feb 14;2019:2471312.	5.076
42.	Đimić DS, Marković ZS, Saso L, Avdović EH, Đorović JR, Petrović IP, Stanisavljević DD, Stevanović MJ, Potočnik I, Samol'ová E, Trifunović SR, Dimitrić Marković JM. Synthesis and Characterization of 3-(1-((3,4-Dihydroxyphenethyl)amino)ethylidene)-chroman-2,4-dione as a Potential Antitumor Agent. <i>Oxid Med Cell Longev.</i> 2019 Feb 13;2019:2069250.	5.076
43.	Beara I, Majkić T, Fioravanti S, Trulli L, Mimica-Dukić N, Pellacani L, Saso L. The Effects of Trifluoromethylated Derivatives on Prostaglandin E2 and Thromboxane A2 Production in Human Leukemic U937 Macrophages. <i>Med Chem.</i> 2020;16(1):63-68. 30734682.	2.577
44.	Macáková K, Afonso R, Saso L, Mladěnka P. The influence of alkaloids on oxidative stress and related signaling pathways. <i>Free Radic Biol Med.</i> 2019 Apr;134:429-444.	6.170
45.	Zuhra K, Sousa PMF, Paulini G, Lemos AR, Kalme Z, Bisenieks I, Bisenieks E, Vigante B, Duburs G, Bandejas TM, Saso L, Giuffrè A, Vicente JB. Screening Pyridine Derivatives against Human Hydrogen Sulfide-synthesizing Enzymes by Orthogonal Methods. <i>Sci Rep.</i> 2019 Jan 24;9(1):684.	3.998
46.	Hosseini R, Moosavi F, Silva T, Rajaian H, Hosseini SY, Bina S, Saso L, Miri R, Borges F, Firuzi O. Modulation of ERK1/2 and Akt Pathways Involved in the Neurotrophic Action of Caffeic Acid Alkyl Esters. <i>Molecules.</i> 2018 Dec 17;23(12):3340.	3.060
47.	Ranjbar S, Khonkarn R, Moreno A, Baubichon-Cortay H, Miri R, Khoshneviszadeh M, Saso L, Edraki N, Falson P, Firuzi O. 5-Oxo-hexahydroquinoline derivatives as modulators of P-gp, MRP1 and BCRP transporters to overcome multidrug resistance in cancer cells. <i>Toxicol Appl Pharmacol.</i> 2019 Jan 1;362:136-149.	3.347
48.	Sova M, Saso L. Design and development of Nrf2 modulators for cancer chemoprevention and therapy: a review. <i>Drug Des Devel Ther.</i> 2018 Sep 25;12:3181-3197.	3.216
49.	Ranjbar S, Firuzi O, Edraki N, Shahraki O, Saso L, Khoshneviszadeh M, Miri R. Tetrahydroquinolinone derivatives as potent P-glycoprotein inhibitors: design, synthesis, biological evaluation and molecular docking analysis. <i>Medchemcomm.</i> 2017 Aug 23;8(10):1919-1933.	2.807
50.	Profumo E, Buttari B, Tinaburri L, D'Arcangelo D, Sorice M, Capozzi A, Garofalo T, Facchiano A, Businaro R, Kumar P, Singh BK, Parmar VS, Saso L, Riganò R. Oxidative Stress Induces HSP90 Upregulation on the Surface of Primary Human Endothelial Cells: Role of the Antioxidant 7,8-Dihydroxy-4-methylcoumarin in Preventing HSP90 Exposure to the Immune System. <i>Oxid Med Cell Longev.</i> 2018 Apr 10;2018:2373167.	5.076
51.	Muronetz VI, Melnikova AK, Saso L, Schmalhausen EV. Influence of Oxidative Stress on Catalytic and Non-glycolytic Functions of Glyceraldehyde-3-phosphate Dehydrogenase. <i>Curr Med Chem.</i> 2020;27(13):2040-2058.	4.184
52.	Magnifico MC, Xhani M, Popov M, Saso L, Sarti P, Arese M. Nonylphenol and Octylphenol Differently Affect Cell Redox Balance by Modulating the Nitric Oxide Signaling. <i>Oxid Med Cell Longev.</i> 2018 Apr 2;2018:1684827.	5.076
53.	Talwar P, Gupta R, Kushwaha S, Agarwal R, Saso L, Kukreti S, Kukreti R. Viral Induced Oxidative and Inflammatory Response in Alzheimer's Disease Pathogenesis with Identification of Potential Drug Candidates: A Systematic Review using Systems Biology Approach. <i>Curr Neuropharmacol.</i> 2019;17(4):352-365.	4.668
54.	Bloch S, Nejman-Faleńczyk B, Pierzynowska K, Piotrowska E, Węgrzyn A, Marminon C, Bouaziz Z, Nebois P, Jose J, Le Borgne M, Saso L, Węgrzyn G. Inhibition of Shiga toxin-converting bacteriophage development by novel antioxidant compounds. <i>J Enzyme Inhib Med Chem.</i> 2018 Dec;33(1):639-650.	4.673
55.	Catapano MC, Karlíčková J, Tvrđý V, Sharma S, Prasad AK, Saso L, Chhillar AK, Kuneš J, Pour M, Parmar VS, Mladěnka P. Mono and dihydroxy coumarin derivatives: Copper chelation and reduction ability. <i>J Trace Elem Med Biol.</i> 2018 Mar;46:88-95.	3.245

56.	Saso L , Korkina L, Zarkovic N. Modulation of Oxidative Stress: Pharmaceutical and Pharmacological Aspects 2017. <i>Oxid Med Cell Longev.</i> 2017;2017:4802824.	5.076
57.	Kancheva VD, Slavova-Kazakova AK, Angelova SE, Kumar P, Malhotra S, Singh BK, Saso L , Prasad AK, Parmar VS. Protective effects of new antioxidant compositions of 4-methylcoumarins and related compounds with dl- α -tocopherol and l-ascorbic acid. <i>J Sci Food Agric.</i> 2018 Aug;98(10):3784-3794.	2.614
58.	Loubidi M, Jouha J, Tber Z, Khouili M, Suzenet F, Akssira M, Erdogan MA, Köse FA, Dacı T, Armagan G, Saso L , Guillaumet G. Efficient synthesis and first regioselective C-6 direct arylation of imidazo[2,1-c][1,2,4]triazine scaffold and their evaluation in H ₂ O ₂ -induced oxidative stress. <i>Eur J Med Chem.</i> 2018 Feb 10;145:113-123.	5.573
59.	Applova L, Veljovic E, Muratovic S, Karlickova J, Macakova K, Zavrsnik D, Saso L , Duric K, Mladenka P. 9-(4'-dimethylaminophenyl)-2,6,7-trihydroxy-xanthene-3-one is a Potentially Novel Antiplatelet Drug which Antagonizes the Effect of Thromboxane A ₂ . <i>Med Chem.</i> 2018 Feb 6;14(2):200-209.	2.577
60.	Grewal GK, Kukal S, Kanojia N, Madan K, Saso L , Kukreti R. In Vitro Assessment of the Effect of Antiepileptic Drugs on Expression and Function of ABC Transporters and Their Interactions with ABCC2. <i>Molecules.</i> 2017 Sep 29;22(10):1484.	3.060
61.	Kancheva VD, Slavova-Kazakova AK, Angelova SE, Singh SK, Malhotra S, Singh BK, Saso L , Prasad AK, Parmar VS. Protective effects of 4-methylcoumarins and related compounds as radical scavengers and chain-breaking antioxidants. <i>Biochimie.</i> 2017 Sep;140:133-145.	3.413
62.	Menezes JCMDS, Edraki N, Kamat SP, Khoshneviszadeh M, Kayani Z, Mirzaei HH, Miri R, Erfani N, Nejati M, Cavaleiro JAS, Silva T, Saso L , Borges F, Firuzi O. Long Chain Alkyl Esters of Hydroxycinnamic Acids as Promising Anticancer Agents: Selective Induction of Apoptosis in Cancer Cells. <i>J Agric Food Chem</i> 2017 Aug 23;65(33):7228-7239.	4.192
63.	Gurer-Orhan H, Ince E, Konyar D, Saso L , Suzen S. The Role of Oxidative Stress Modulators in Breast Cancer. <i>Curr Med Chem.</i> 2018;25(33):4084-4101.	4.184
64.	Ganesan D, Al-Sayed E, Albert A, Paul E, Singab ANB, Govindan Sadasivam S, Saso L . Antioxidant activity of phenolic compounds from extracts of Eucalyptus globulus and Melaleuca styphelioides and their protective role on D-glucose- induced hyperglycemic stress and oxalate stress in NRK-49Fcells. <i>Nat Prod Res.</i> 2018 Jun;32(11):1274-1280.	2.158
65.	Graziani M, Sarti P, Arese M, Magnifico MC, Badiani A, Saso L . Cardiovascular Mitochondrial Dysfunction Induced by Cocaine: Biomarkers and Possible Beneficial Effects of Modulators of Oxidative Stress. <i>Oxid Med Cell Longev.</i> 2017;2017:3034245.	5.076
66.	Moosavi F, Hosseini R, Rajaian H, Silva T, Magalhães E Silva D, Saso L , Edraki N, Miri R, Borges F, Firuzi O. Derivatives of caffeic acid, a natural antioxidant, as the basis for the discovery of novel nonpeptidic neurotrophic agents. <i>Bioorg Med Chem.</i> 2017 Jun 15;25(12):3235-3246.	2.572
67.	Boldrini P, Fusco A, Nicoletti F, Badiani A, Saso L . Potential Use of Modulators of Oxidative Stress as Add-on Therapy in Patients with Anxiety Disorders. <i>Curr Drug Targets.</i> 2018;19(6):636-650.	2.632
68.	Milkovic L, Zarkovic N, Saso L . Controversy about pharmacological modulation of Nrf2 for cancer therapy. <i>Redox Biol.</i> 2017 Aug;12:727-732.	9.986
69.	Joshi R, Rohil V, Arora S, Manral S, Kumar A, Goel S, Priya N, Singh P, Ponnann P, Chatterji S, Dwarakanath BS, Saluja D, Rawat DS, Prasad AK, Saso L , Kohli E, DePass AL, Bracke ME, Parmar VS, Raj HG. Corrigendum to The Competence of 7,8-Diacetoxy-4-Methylcoumarin and Other Polyphenolic Acetates in Mitigating the Oxidative Stress and their Role in Angiogenesis. <i>Curr Top Med Chem.</i> 2017;17(9):1115.	3.218
70.	Ganguly G, Chakrabarti S, Chatterjee U, Saso L . Proteinopathy, oxidative stress and mitochondrial dysfunction: cross talk in Alzheimer's disease and Parkinson's disease. <i>Drug Des Devel Ther.</i> 2017 Mar 16;11:797-810.	3.216
71.	Grewal GK, Kukal S, Kanojia N, Saso L , Kukreti S, Kukreti R. Effect of Oxidative Stress on ABC Transporters: Contribution to Epilepsy Pharmacoresistance. <i>Molecules.</i> 2017 Feb 27;22(3):365.	3.060
72.	Shahraki O, Edraki N, Khoshneviszadeh M, Zargari F, Ranjbar S, Saso L , Firuzi O, Miri R. Novel 5-oxo-hexahydroquinoline derivatives: design, synthesis, in vitro P-glycoprotein-mediated multidrug resistance reversal profile and molecular dynamics simulation study. <i>Drug Des Devel Ther.</i> 2017 Feb 14;11:407-418.	3.216
73.	Jouha J, Loubidi M, Bouali J, Hamri S, Hafid A, Suzenet F, Guillaumet G, Dacı T, Khouili M, Aydın F, Saso L , Armagan G. Synthesis of new heterocyclic compounds based on pyrazolopyridine scaffold and evaluation of their neuroprotective potential in MPP ⁺ -induced neurodegeneration. <i>Eur J Med Chem.</i> 2017 Mar 31;129:41-52.	5.573
74.	Albert A, Tiwari V, Paul E, Ganesan D, Ayyavu M, Kujur R, Ponnusamy S, Shanmugam K, Saso L , Govindan Sadasivam S. Expression of heterologous oxalate decarboxylase in HEK293 cells confers protection against oxalate induced oxidative stress as a therapeutic approach for calcium oxalate stone	4.673

	disease. <i>J Enzyme Inhib Med Chem</i> . 2017 Dec;32(1):426-433.	
75.	Suzen S, Gurer-Orhan H, Saso L . Detection of Reactive Oxygen and Nitrogen Species by Electron Paramagnetic Resonance (EPR) Technique. <i>Molecules</i> . 2017 Jan 21;22(1):181	3.060
76.	Begic A, Djuric A, Ninkovic M, Stevanovic I, Djurdjevic D, Pavlovic M, Jelic K, Pantelic A, Zebic G, Dejanovic B, Stanojevic I, Vojvodic D, Milosavljevic P, Djukic M, Saso L . Disulfiram moderately restores impaired hepatic redox status of rats subchronically exposed to cadmium. <i>J Enzyme Inhib Med Chem</i> . 2017 Dec;32(1):478-489.	4.673
77.	Angelova VT, Valcheva V, Vassilev NG, Buyukliev R, Momekov G, Dimitrov I, Saso L , Djukic M, Shivachev B. Antimycobacterial activity of novel hydrazide- hydrazone derivatives with 2H-chromene and coumarin scaffold. <i>Bioorg Med Chem Lett</i> . 2017 Jan 15;27(2):223-227.	2.486
78.	Brizzolari A, Campisi GM, Santaniello E, Razzaghi-Asl N, Saso L , Foti MC. Effect of organic co-solvents in the evaluation of the hydroxyl radical scavenging activity by the 2-deoxyribose degradation assay: The paradigmatic case of α -lipoic acid. <i>Biophys Chem</i> . 2017 Jan;220:1-6.	1.995
79.	Carvalho AN, Firuzi O, Gama MJ, Horssen JV, Saso L . Oxidative Stress and Antioxidants in Neurological Diseases: Is There Still Hope? <i>Curr Drug Targets</i> . 2017 Mar 30;18(6):705-718.	2.632
80.	Hosseini R, Moosavi F, Rajaian H, Silva T, Magalhães E Silva D, Soares P, Saso L , Edraki N, Miri R, Borges F, Firuzi O Discovery of neurotrophic agents based on hydroxycinnamic acid scaffold. <i>Chem Biol Drug Des</i> 2016;88(6):926-937.	2.802
81.	Verbanac D, Malik R, Chand M, Kushwaha K, Vashist M, Matijašić M, Stepanić V, Perić M, Paljetak HČ, Saso L , Jain SC Synthesis and evaluation of antibacterial and antioxidant activity of novel 2-phenyl-quinoline analogs derivatized at position 4 with aromatically substituted 4H-1,2,4-triazoles. <i>J Enzyme Inhib Med Chem</i> 2016;31:104-110.	3.428
82.	Phan C-, Sabaratnam V, Bovicelli P, Righi G, Saso L . Negletein as a neuroprotectant enhances the action of nerve growth factor and induces neurite outgrowth in PC12 cells. <i>Biofactors</i> 2016;42(6):591-599.	4.504
83.	Angelova VT, Vassilev NG, Nikolova-Mladenova B, Vitas J, Malbaša R, Momekov G, Djukic M and Saso L . Antiproliferative and antioxidative effects of novel hydrazone derivatives bearing coumarin and chromene moiety. <i>Med Chem Res</i> 2016;25(9):2082-2092.	1.436
84.	Gurer-Orhan H, Karaaslan C, Ozcan S, Firuzi O, Tavakkoli M, Saso L , et al. Novel indole-based melatonin analogues: Evaluation of antioxidant activity and protective effect against amyloid β -induced damage. <i>Bioorg Med Chem Lett</i> 2016;24(8):1658-1664.	2.486
85.	Martin J, Mladěnka P, Saso L , Kostova I. Lanthanide(III) complexes are more active inhibitors of the Fenton reaction than pure ligands. <i>Redox Rep</i> 2016;21(2):84-89.	2.606
86.	Das KK, Razzaghi-Asl N, Tikare SN, Di Santo R, Costi R, Messori A, Pescatori L, Crucitti GC, Jargar JG, Dhundasi SA, Saso L . Hypoglycemic activity of curcumin synthetic analogues in alloxan-induced diabetic rats. <i>J Enzyme Inhib Med Chem</i> 2016;31(1):99-105.	3.428
87.	Miri R, Nejati M, Saso L , Khakdan F, Parshad B, Mathur D, et al. Structure-activity relationship studies of 4-methylcoumarin derivatives as anticancer agents. <i>Pharm Biol</i> 2016;54(1):105-110.	1.546
88.	Korkina L, Ozben T, Saso L . Modulation of Oxidative Stress: Pharmaceutical and Pharmacological Aspects. <i>Oxidative Med Cell Longevity</i> 2016;2016.	4.492
89.	Carvalho AN, Firuzi O, Gama MJ, van Horssen J, Saso L . Oxidative stress and antioxidants in neurological diseases: Is there still hope? <i>Curr Drug Targets</i> 2016;17(16).	3.029
90.	Cort A, Ozben T, Saso L , De Luca C, Korkina L. Redox Control of Multidrug Resistance and Its Possible Modulation by Antioxidants. <i>Oxidative Med Cell Longevity</i> 2016;2016.	4.492
91.	Graziani M, Antonilli L, Togna AR, Grassi MC, Badiani A, Saso L . Cardiovascular and hepatic toxicity of cocaine: Potential beneficial effects of modulators of oxidative stress. <i>Oxidative Med Cell Longevity</i> 2016;2016.	4.492
92.	Aminjafari A, Miroliaei M, Angelova VT, Emamzadeh R, Djukic MM, Djuric A, Saso L . Antioxidant activity and protective role on protein glycation of synthetic aminocoumarins. <i>Electron J Biotechnol</i> 2016;24:43-48.	1.403
93.	Malhotra S, Tavakkoli M, Edraki N, Miri R, Sharma SK, Prasad AK, Saso L , Len C, Parmar VS, Firuzi O. Neuroprotective and antioxidant activities of 4-methylcoumarins: Development of structure-activity relationships. <i>Biol Pharm Bull</i> 2016;39(9):1544-1548.	1.574
94.	Moosavi F, Hosseini R, Saso L , Firuzi O. Modulation of neurotrophic signaling pathways by polyphenols. <i>Drug Des Dev Ther</i> 2015;10:23-42.	2.881
95.	Khoshaman K, Yousefi R, Mohammad Tamaddon A, Saso L , Akbar Moosavi-Movahedi A. The impact of Hydrogen peroxide on structure, stability and functional properties of Human R12C mutant α -crystallin: The imperative insights into pathomechanism of the associated congenital cataract	5.784

	incidence. <i>Free Radic Biol Med</i> 2015;89:819-830.	
96.	Djuric A, Begic A, Gobeljic B, Stanojevic I, Ninkovic M, Vojvodic D, Pantelic A, Zebic G, Prokic V, Dejanovic B, Stojanovic I, Pavlica M, Djukic D, Saso L , Djurdjevic D, Pavlovic M, Topic A, Vujanovic D, Stevnovic I, Djukic M. Oxidative stress, bioelements and androgen status in testes of rats subacutely exposed to cadmium. <i>Food Chem Toxicol</i> 2015;86:25-33.	3.584
97.	Chandak N, Bhardwaj JK, Zheleva-Dimitrova D, Kitanov G, Sharma RK, Sharma PK, Saso L . Effective attenuation of atrazine-induced histopathological changes in testicular tissue by antioxidant N-phenyl-4-aryl-polyhydroquinolines. <i>J Enzyme Inhib Med Chem</i> 2015;30(5):722-729.	3.428
98.	Razzaghi-Asl N, Aggarwal N, Srivastava S, Parmar VS, Prasad AK, Miri R, Saso L , Firuzi O. Inhibition of Alzheimer's BACE-1 by 2,6-dialkyl-4-chromon-3-yl-1,4-dihydropyridine-3,5-dicarboxylates. <i>Med Chem Res</i> 2015;24(8):3230-3241.	1.436
99.	Shekari F, Sadeghpour H, Javidnia K, Saso L , Nazari F, Firuzi O, et al. Cytotoxic and multidrug resistance reversal activities of novel 1,4-dihydropyridines against human cancer cells. <i>Eur J Pharmacol</i> 2015;746:233-244.	2.730
100.	Borges F, Garrido J, Saso L , Suzen S. Oxidative stress as a pharmacological target for medicinal chemistry: Synthesis and evaluation of compounds with redox activity-part 2. <i>Curr Top Med Chem</i> 2015;15(2):84.	2.900
101.	Miller E, Morel A, Saso L , Saluk J. Melatonin redox activity. Its potential clinical applications in neurodegenerative disorders. <i>Curr Top Med Chem</i> 2015;15(2):163-169.	2.900
102.	Ivanovska N, Saso L , Dimitrova P. Kinase inhibitors with redox and anti-inflammatory activities. <i>Curr Top Med Chem</i> 2015;15(9):872-885.	2.900
103.	Borges F, Garrido J, Saso L , Suzen S. Oxidative stress as a pharmacological target for medicinal chemistry: Synthesis and evaluation of compounds with redox activity - Part 4. <i>Curr Top Med Chem</i> 2015;15(9):821.	2.900
104.	Borges F, Saso L , Garrido J, Suzen S. Oxidative stress as a pharmacological target for medicinal chemistry: Synthesis and evaluation of compounds with redox activity - part 3. <i>Curr Top Med Chem</i> 2015;15(5):414.	2.900
105.	Ramprasath T, Vasudevan V, Sasikumar S, Mohamed Puhari SS, Saso L , Selvam GS. Regression of oxidative stress by targeting eNOS and Nrf2/ARE signaling: A guided drug target for cardiovascular diseases. <i>Curr Top Med Chem</i> 2015;15(9):857-871.	2.900
106.	Joshi R, Arora S, Kumar A, Manral S, Rohil V, Goel S, Priya N, Singh P, Ponnan P, Chatterji S, Dwarakanath BS, Saluja D, Rawat DS, Prasad AK, Saso L , Kohli E, DePass AL, Bracke ME, Parmar VS, Raj HG. The competence of 7,8-diacetoxy-4-methylcoumarin and other polyphenolic acetates in mitigating the oxidative stress and their role in angiogenesis. <i>Curr Top Med Chem</i> 2015;15(2):179-186.	2.900
107.	Tavakkoli M, Miri R, Jassbi AR, Erfani N, Asadollahi M, Ghasemi M, Saso L . <i>Carthamus</i> , <i>Salvia</i> and <i>Stachys</i> species protect neuronal cells against oxidative stress-induced apoptosis. <i>Pharm Biol</i> 2014;52(12):1550-1557.	1.546
108.	Ponnan P, Kumar A, Singh P, Gupta P, Joshi R, Gaspari M, Saso L , Prasad AK, Rastogi RC, Parmar VS, Raj HG. Comparison of protein acetyltransferase action of CRTAase with the prototypes of HAT. <i>Sci World J</i> 2014;2014.	1.219
109.	Saso L , Firuzi O. Pharmacological applications of antioxidants: Lights and shadows. <i>Curr Drug Targets</i> 2014;15(13):1177-1199.	3.029
110.	Miller E, Morel A, Saso L , Saluk J. Isoprostanes and neuroprostanes as biomarkers of oxidative stress in neurodegenerative diseases. <i>Oxidative Med Cell Longevity</i> 2014;2014.	4.492
111.	Borges F, Saso L , Garrido J, Suzen S. Oxidative stress as a pharmacological target for medicinal chemistry: Synthesis and evaluation of compounds with redox activity - part 1. <i>Curr Top Med Chem</i> 2014;14(22):2461.	2.900
112.	Profumo E, Buttari B, Saso L , Riganò R. Pleiotropic effects of statins in atherosclerotic disease: Focus on the antioxidant activity of atorvastatin. <i>Curr Top Med Chem</i> 2014;14(22):2542-2551.	2.900
113.	Valcheva-Traykova M, Saso L , Kostova I. Involvement of lanthanides in the free radicals homeostasis. <i>Curr Top Med Chem</i> 2014;14(22):2508-2519.	2.900
114.	Muronetz V, Asryants R, Semenyuk P, Schmalhausen E, Saso L . Hydrophobic plant antioxidants. preparation of nanoparticles and their application for prevention of neurodegenerative diseases. review and experimental data. <i>Curr Top Med Chem</i> 2014;14(22):2520-2528.	2.900
115.	Angelova SE, Slavova-Kazakova AK, Saso L , Malhotra S, Prasad AK, Bracke ME, et al. DFT/B3LYP calculated bond-dissociation enthalpies, radical-scavenging and antioxidant activities of natural-like coumarins. <i>Bulg Chem Commun</i> 2014;46(Special Issue A):187-195.	0.229
116.	Buttari B, Profumo E, Segoni L, D'Arcangelo D, Rossi S, Facchiano F, Saso L , Businaro R, Iuliano L, Riganò R. Resveratrol counteracts inflammation in human M1 and M2 macrophages upon challenge with 7-oxo-cholesterol: Potential therapeutic implications in atherosclerosis. <i>Oxidative Med Cell</i>	4.492

	Longevity ;2014:257543. doi:10.1155/2014/257543	
117.	Banerjee P, Sahoo A, Anand S, Ganguly A, Righi G, Bovicelli P, Saso L , Chakrabarti S. Multiple Mechanisms of Iron-Induced Amyloid Beta-Peptide Accumulation in SHSY5Y Cells: Protective Action of Negletein. <i>NeuroMol Med</i> 2014;16(4):787-798.	3.692
118.	Togna AR, Firuzi O, Latina V, Parmar VS, Prasad AK, Salemme A, Togna GI, Saso L . 4-Methylcoumarin derivatives with anti-inflammatory effects in activated microglial cells. <i>Biol Pharm Bull</i> 2014;37(1):60-66.	1.574
119.	Venkateswaran K, Verma A, Bhatt AN, Agrawala PK, Raj HG, Malhotra S, Prasad AK, Wever OD, Bracke ME, Saso L , Parmar VS, Shrivastava A, Dwarakanath BS. Modifications of cell signalling and redox balance by targeting protein acetylation using natural and engineered molecules: Implications in cancer therapy. <i>Curr Top Med Chem</i> 2014;14(22):2495-2507.	2.900
120.	Říha M, Karlíčková J, Filipický T, Macáková K, Rocha L, Bovicelli P, Proietti Silvestri I, Saso L , Jahodář L, Hrdina R and Mladěnka P In vitro evaluation of copper-chelating properties of flavonoids. <i>RSC Adv</i> 2014;4(62):32628-32638.	3.289
121.	Vats P, Hadjimitova V, Yoncheva K, Kathuria A, Sharma A, Chand K, Duraisamy AJ, Sharma AK, Sharma AK, Saso L , Sharma SK Chromenone and quinolinone derivatives as potent antioxidant agents. <i>Med Chem Res</i> 2014;23(11):4907-4914.	1.436
122.	Kostova I, Saso L . Advances in research of schiff-base metal complexes as potent antioxidants. <i>Curr Med Chem</i> 2013;20(36):4609-4632.	3.455
123.	Tsvetkova D, Obreshkova D, Zheleva-Dimitrova D, Saso L . Antioxidant activity of galantamine and some of its derivatives. <i>Curr Med Chem</i> 2013;20(36):4595-4608.	3.455
124.	Borges F, Saso L , Garrido J, Suzen S. Synthesis, evaluation and pharmacological applications of antioxidants- Part 2. <i>Curr Med Chem</i> 2013;20(37):4647.	3.455
125.	Borges F, Saso L , Garrido J, Suzen S. Editorial: Synthesis, evaluation and pharmacological applications of antioxidants-Part 1. <i>Curr Med Chem</i> 2013;20(36):4435.	3.455
126.	Buttari B, Profumo E, Businaro R, Saso L , Capoano R, Salvati B, et al. Oxidized haemoglobin-driven endothelial dysfunction and immune cell activation: Novel therapeutic targets for atherosclerosis. <i>Curr Med Chem</i> 2013;20(37):4806-4814.	3.455
127.	Firuzi O, Javidnia K, Mansourabadi E, Saso L , Mehdipour AR, Miri R. Reversal of multidrug resistance in cancer cells by novel asymmetrical 1,4-dihydropyridines. <i>Arch Pharmacol Res</i> 2013;36(11):1392-1402.	2.490
128.	Buttari B, Profumo E, Facchiano F, Ozturk EI, Segoni L, Saso L , et al. Resveratrol prevents dendritic cell maturation in response to advanced glycation end products. <i>Oxidative Med Cell Longevity</i> 2013.	4.492
129.	Suzen S, Saso L . Antioxidant heterocyclic compounds in drug discovery and medicinal chemistry. <i>Mini-Rev Med Chem</i> 2013;13(3):317.	2.841
130.	Stoimenova A, Ivanov K, Obreshkova D, Saso L . Biotechnology in the production of pharmaceutical industry ingredients: Amino acids. <i>Biotechnol Biotechnol Equip</i> 2013;27(2):3620-3626.	0.373
131.	Lombardo E, Sabellico C, Hájek J, Staňková V, Filipický T, Balducci V, De Vito P, Leone S, Bavavea EI, Silvestri IP, Righi G, Luly P, Saso L , Bovicelli P Pedersen JZ, Incerpi S. Protection of Cells against Oxidative Stress by Nanomolar Levels of Hydroxyflavones Indicates a New Type of Intracellular Antioxidant Mechanism. <i>PLoS ONE</i> 2013;8(4).	3.057
132.	Kumar A, Ponnann P, Raj HG, Parmar VS, Saso L . Comparative specificities of Calreticulin Transacetylase to O-acetyl, N-acetyl and S-acetyl derivative of 4-methylcoumarins and their inhibitory effect on AFB1-induced genotoxicity in vitro and in vivo. <i>Food Chem Toxicol</i> 2013;52:216-224.	3.584
133.	Macáková K, Mladěnka P, Filipický T, Říha M, Jahodář L, Trejtnar F, Bovicelli P, Proietti Silvestri I, Hrdina R, Saso L . Iron reduction potentiates hydroxyl radical formation only in flavonols. <i>Food Chem</i> 2012;135(4):2584-2592.	4.052
134.	Profumo E, Buttari B, Saso L , Capoano R, Salvati B, Riganò R. T lymphocyte autoreactivity in inflammatory mechanisms regulating atherosclerosis. <i>Sci World J</i> 2012;2012.	1.219
135.	Macáková K, Řeháková Z, Mladěnka P, Karlíčková J, Filipický T, Říha M, Prasad AK, Parmar VS, Jahodář L, Pávek P, Hrdina R, Saso L . In vitro platelet antiaggregatory properties of 4-methylcoumarins. <i>Biochimie</i> 2012;94(12):2681-2686.	3.017
136.	Verbanac D, Jain SC, Jain N, Chand M, Cipčić Paljetak H, Matijašić M, Perić M, Stepanić V, Saso L . An efficient and convenient microwave-assisted chemical synthesis of (thio)xanthenes with additional in vitro and in silico characterization. <i>Bioorg Med Chem</i> 2012;20(10):3180-3185.	2.486
137.	Garrido J, Gaspar A, Garrido EM, Miri R, Tavakkoli M, Pournali S, Saso L , Borges F, Firuzi O. Alkyl esters of hydroxycinnamic acids with improved antioxidant activity and lipophilicity protect PC12 cells against oxidative stress. <i>Biochimie</i> 2012;94(4):961-967.	3.017
138.	Profumo E, Di Franco M, Buttari B, Masella R, Filesi C, Tosti ME, Scrivo R, Scarno A, Spadaro A,	3.418

	Saso L , Riganò R. Biomarkers of subclinical atherosclerosis in patients with autoimmune disorders. <i>Mediators Inflamm</i> 2012;2012.	
139.	Adriani W, Travaglini D, Lacivita E, Saso L , Leopoldo M, Laviola G. Modulatory effects of two novel agonists for serotonin receptor 7 on emotion, motivation and circadian rhythm profiles in mice. <i>Neuropharmacology</i> 2012;62(2):833-842.	4.936
140.	Kancheva VD, Saso L , Angelova SE, Foti MC, Slavova-Kasakova A, Daquino C, et al. Antiradical and antioxidant activities of new bio-antioxidants. <i>Biochimie</i> 2012;94(2):403-415.	3.017
141.	Filipský T, Mladěnka P, MacÁková K, Hrdina R, Saso L , Marchetti F, et al. In vitro characteristics of 1-phenyl-3-methyl-4-acylpyrazol-5-ones iron chelators. <i>Biochimie</i> 2012;94(1):125-131.	3.017
142.	Barzegar A, Davari MD, Chaparzadeh N, Zarghami N, Pedersen JZ, Incerpi S, Saso L and Moosavi-Movahedi AA. Theoretical and experimental studies on the structure-antioxidant activity relationship of synthetic 4-methylcoumarins. <i>J Iran Chem Soc</i> 2011;8(4):973-982.	1.300
143.	Ammendola S, Giusti AM, Masci A, Mosca L, Saso L , Bovicelli P. Antioxidant properties of hydroxytyrosyl acetate compared with hydroxytyrosol and their protective capacity against oxidative stress in human neuroblastoma cells. <i>J Sci Ind Res</i> 2011;70(11):929-937.	0.385
144.	Mancinelli R, Barlocci E, Palminiello S, Saso L . Oxidative stress and brain diseases: Biomarkers and analytical methodologies. <i>Indian J Biotechnol</i> 2011;10(4):395-403.	0.287
145.	Barzegar A, Pedersen JZ, Incerpi S, Moosavi-Movahedi AA, Saso L . The mechanism of antioxidant activity of IRFI005 as a synthetic hydrophilic analogue of vitamin e. <i>Biochimie</i> 2011;93(10):1880-1888.	3.017
146.	Firuzi O, Miri R, Tavakkoli M, Saso L . Antioxidant therapy: Current status and future prospects. <i>Curr Med Chem</i> 2011;18(25):3871-3888.	3.455
147.	Kostova I, Bhatia S, Grigorov P, Balkansky S, Parmar VS, Prasad AK, Saso L . Coumarins as antioxidants. <i>Curr Med Chem</i> 2011;18(25):3929-3951.	3.455
148.	Trapani L, Segatto M, Simeoni V, Balducci V, Dhawan A, Parmar VS, Prasad AK, Saso L , Incerpi S, Pallottini V. Short- and long-term regulation of 3-hydroxy 3-methylglutaryl coenzyme A reductase by a 4-methylcoumarin. <i>Biochimie</i> 2011;93(7):1165-1171.	3.017
149.	Manral S, Bhatia S, Sinha R, Kumar A, Rohil V, Arya A, Dhawan A, Arya P, Joshi R, Sreedhara SC, Gangopadhyay S, Bansal SK, Chatterjee S, Chaudhury NK, Vijayan VK, Saso L , Parmar VS, DePass AL, Prasad AK, Raj HG. Normalization of deranged signal transduction in lymphocytes of COPD patients by the novel calcium channel blocker H-DHPM. <i>Biochimie</i> 2011;93(7):1146-1156.	3.017
150.	Buttari B, Profumo E, Capozzi A, Facchiano F, Saso L , Sorice M, et al. Advanced glycation end products of human β 2 glycoprotein I modulate the maturation and function of DCs. <i>Blood</i> 2011;117(23):6152-6161.	11.847
151.	Le-Thi-thu H, Casañola-Martín GM, Marrero-Ponce Y, Rescigno A, Saso L , Parmar VS, et al. Novel coumarin-based tyrosinase inhibitors discovered by OECD principles-validated QSAR approach from an enlarged, balanced database. <i>Mol Diversity</i> 2011;15(2):507-520.	2.080
152.	Mladěnka P, MacÁková K, Filipický T, Zatloukalová L, Jahodář L, Bovicelli P, Silvestri IP, Hrdina R, Saso L . In vitro analysis of iron chelating activity of flavonoids. <i>J Inorg Biochem</i> 2011;105(5):693-701.	3.205
153.	Singh P, Ponnar P, Priya N, Tyagi TK, Gaspari M, Krishnan S, Cuda G, Joshi P, Gambhir JK, Sharma SK, Prasad AK, Saso L , Rastogi RC, Parmar VS, Raj HG. Protein acyltransferase function of purified calreticulin: The exclusive role of P-domain in mediating protein acylation utilizing acyloxycoumarins and acetyl CoA as the Acyl group donors. <i>Protein Pept Lett</i> 2011;18(5):507-517.	1.069
154.	Gaspar A, Martins M, Silva P, Garrido EM, Garrido J, Firuzi O, Miri R, Saso L , Borges F. Dietary phenolic acids and derivatives. Evaluation of the antioxidant activity of sinapic acid and its alkyl esters. <i>J Agric Food Chem</i> 2010;58(21):11273-11280.	2.857
155.	Kaushik R, Marwah RG, Gupta P, Saran S, Saso L , Parmar VS, et al. Optimization of Lipase Production from <i>Aspergillus terreus</i> by Response Surface Methodology and Its Potential for Synthesis of Partial Glycerides Under Solvent Free Conditions. <i>Indian J Microbiol</i> 2010;50(4):456-462.	1.143
156.	Natella F, Lorrain B, Prasad AK, Parmar VS, Saso L , Scaccini C. 4-Methylcoumarins as antioxidants: Scavenging of peroxy radicals and inhibition of human low-density lipoprotein oxidation. <i>Biochimie</i> 2010;92(9):1147-1152.	3.017
157.	Petrucci R, Saso L , Kumar V, Prasad AK, Malhotra SV, Parmar VS, et al. A spectroelectrochemical and chemical study on oxidation of 7,8-dihydroxy-4-methylcoumarin (DHMC) and some related compounds in aprotic medium. <i>Biochimie</i> 2010;92(9):1123-1129.	3.017
158.	Mladenka P, MacÁková K, Zatloukalová L, Reháková Z, Singh BK, Prasad AK, Parmar VS, Jahodář L, Hrdina R, Saso L . In vitro interactions of coumarins with iron. <i>Biochimie</i> 2010;92(9):1108-1114.	3.017
159.	Gupta P, Balwani S, Kumar S, Aggarwal N, Rossi M, Paumier S, Caruso F, Bovicelli P, Saso L , DePass AL, Prasad AK, Parmar VS, Ghosh B. β -sitosterol among other secondary metabolites of Piper	3.017

	galeatum shows inhibition of TNF α -induced cell adhesion molecule expression on human endothelial cells. <i>Biochimie</i> 2010;92(9):1213-1221.	
160.	Kancheva VD, Saso L , Boranova PV, Khan A, Saroj MK, Pandey MK, et al. Structure-activity relationship of dihydroxy-4-methylcoumarins as powerful antioxidants: Correlation between experimental & theoretical data and synergistic effect. <i>Biochimie</i> 2010;92(9):1089-1100.	3.017
161.	Morabito G, Trombetta D, Singh Brajendra K, Prasad Ashok K, Parmar Virinder S, Naccari C, Mancari F, Saija A, Cristani M, Firuzi O, Saso L . Antioxidant properties of 4-methylcoumarins in in vitro cell-free systems. <i>Biochimie</i> 2010;92(9):1101-1107.	3.017
162.	Singh P, Ponnann P, Krishnan S, Tyagi TK, Priya N, Bansal S, Scumaci D, Gaspari M, Cuda G, Joshi P, Gambhir JK, Saluja D, Prasad AK, Saso L , Rastogi RC, Parmar VS, Raj HG. Protein acyltransferase function of purified calreticulin. Part 1: Characterization of propionylation of protein utilizing propoxycoumarin as the propionyl group donor. <i>J Biochem</i> 2010;147(5):625-632.	2.397
163.	Adriani W, Koot S, Saso L , Van Den Bos R, Laviola G. Home cage testing of delay discounting in rats. <i>Behav Res Methods</i> 2009;41(4):1169-1176.	3.048
164.	Macrì S, Granstrem O, Shumilina M, Antunes Gomes dos Santos FJ, Berry A, Saso L , et al. Resilience and vulnerability are dose-dependently related to neonatal stressors in mice. <i>Horm Behav</i> 2009;56(4):391-398.	3.340
165.	Dimitrova P, Gyurkovska V, Shalova I, Saso L , Ivanovska N. Inhibition of zymosan-induced kidney dysfunction by tyrphostin AG-490. <i>J Inflamm</i> 2009;6.	2.714
166.	Bansal S, Ponnann P, Raj HG, Weintraub ST, Chopra M, Kumari R, Saluja D, Kumar A, Tyagi TK, Singh P, Prasad AK, Saso L , Rastogi RC, Parmar VS. Autoacetylation of purified calreticulin transacetylase utilizing acetoxycoumarin as the acetyl group donor. <i>Appl Biochem Biotechnol</i> 2009;157(2):285-298.	1.606
167.	Manconia M, Pendás J, Ledón N, Moreira T, Sinico C, Saso L , et al. Phycocyanin liposomes for topical anti-inflammatory activity: In-vitro in-vivo studies. <i>J Pharm Pharmacol</i> 2009;61(4):423-430.	2.363
168.	Arora S, Tyagi YK, Kumar A, Majumder S, Saluja D, Raj HG, Chatterjee S, Saso L , Prasad AK, Parmar VS. The role of calreticulin transacetylase in the activation of human platelet nitrite reductase by polyphenolic acetates. <i>Biol Pharm Bull</i> 2009;32(2):161-165.	1.574
169.	Naletova I, Schmalhausen E, Kharitonov A, Katrukha A, Saso L , Caprioli A, et al. Non-native glyceraldehyde-3-phosphate dehydrogenase can be an intrinsic component of amyloid structures. <i>Biochim Biophys Acta</i> 2008;1784(12):2052-2058.	2.590
170.	Firuzi O, Spadaro A, Spadaro C, Ricciari V, Petrucci R, Marrosu G, Saso L Protein oxidation markers in the serum and synovial fluid of psoriatic arthritis patients. <i>J Clin Lab Anal</i> 2008;22(3):210-215.	1.549
171.	Malhotra S, Shakya G, Kumar A, Vanhoecke BW, Cholli AL, Raj HG, Saso L, Ghosh B, Bracke ME, Prasad AK, Biswal S, Parmar VS. Antioxidant, antiinflammatory and antiinvasive activities of biopolyphenolics. <i>Arkivoc</i> 2008;2008(6):119-139.	1.177
172.	Yordanov M, Dimitrova P, Patkar S, Saso L , Ivanovska N. Inhibition of <i>Candida albicans</i> extracellular enzyme activity by selected natural substances and their application in <i>Candida</i> infection. <i>Can J Microbiol</i> 2008;54(6):435-440.	1.335
173.	Rehakova Z, Koleckar V, Cervenka F, Jahodar L, Saso L , Opletal L, et al. DPPH radical scavenging activity of several naturally occurring coumarins and their synthesized analogs measured by the SIA method. <i>Toxicol Mechan Methods</i> 2008;18(5):413-418.	1.476
174.	Arora S, Vohra P, Kumar A, Tyagi YK, Raj HG, Dawarkanath BS, Saluja D, Saso L , Parmar VS. Calreticulin transacetylase catalyzed activation of rat tracheal smooth muscle cell nitric oxide synthase by acetoxycoumarins. <i>Biol Pharm Bull</i> 2008;31(4):709-713.	1.574
175.	Ricciari V, Spadaro A, Fuksa L, Firuzi O, Saso L , Valesini G. Specific oxidative stress parameters differently correlate with nailfold capillaroscopy changes and organ involvement in systemic sclerosis. <i>Clin Rheumatol</i> 2008;27(2):225-230.	2.042
176.	Ognibene E, Bovicelli P, Adriani W, Saso L , Laviola G. Behavioral effects of 6-bromoflavanone and 5-methoxy-6,8-dibromoflavanone as anxiolytic compounds. <i>Prog Neuro-Psychopharmacol Biol Psychiatry</i> 2008;32(1):128-134.	4.361
177.	Jones DS, Saso L . Themed issue: Chemistry and biology of antioxidants. <i>J Pharm Pharmacol</i> 2007;59(12):1671.	2.363
178.	Pedersen JZ, Oliveira C, Incerpi S, Kumar V, Fiore AM, De Vito P, Prasad AK, Malhotra SV, Parmar VS, Saso L . Antioxidant activity of 4-methylcoumarins. <i>J Pharm Pharmacol</i> 2007;59(12):1721-1728.	2.363
179.	Croce A, Firuzi O, Altieri F, Eufemi M, Agostino R, Priori R, Bombardieri M, Alessandri C, Valesini G, Saso L . Effect of infliximab on the glycosylation of IgG of patients with rheumatoid arthritis. <i>J Clin Lab Anal</i> 2007;21(5):303-314.	1.549
180.	Schmalhausen EV, Zhlobek EB, Shalova IN, Firuzi O, Saso L , Muronetz VI. Antioxidant and prooxidant effects of quercetin on glyceraldehyde-3-phosphate dehydrogenase. <i>Food Chem Toxicol</i>	3.584

	2007;45(10):1988-1993.	
181.	Villo L, Danilas K, Metsala A, Kreen M, Vallikivi I, Vija S, Pehk T, Saso L , Parve O. Synthesis of deoxy sugar esters: A chemoenzymatic stereoselective approach affording deoxy sugar derivatives also in the form of aldehyde. <i>J Org Chem</i> 2007;72(15):5813-5816.	4.785
182.	Shalova IN, Naletova IN, Saso L , Muronetz VI, Izumrudov VA. Interaction of polyelectrolytes with proteins, 3 influence of complexing polycations on the thermoaggregation of oligomeric enzymes. <i>Macromol Biosci</i> 2007;7(7):929-939.	3.680
183.	Shalova IN, Cechalova K, Rehakova Z, Dimitrova P, Ognibene E, Caprioli A, Schmalhausen EV, Muronetz VI, Saso L . Decrease of dehydrogenase activity of cerebral glyceraldehyde-3-phosphate dehydrogenase in different animal models of Alzheimer's disease. <i>Biochim Biophys Acta</i> 2007;1770(5):826-832.	2.590
184.	Ruiz C, Falcocchio S, Pastor FIJ, Saso L , Diaz P. <i>Helicobacter pylori</i> EstV: Identification, cloning, and characterization of the first lipase isolated from an epsilon-proteobacterium. <i>Appl Environ Microbiol</i> 2007;73(8):2423-2431.	3.823
185.	Petrucci R, Astolfi P, Greci L, Firuzi O, Saso L , Marrosu G. A spectroelectrochemical and chemical study on oxidation of hydroxycinnamic acids in aprotic medium. <i>Electrochim Acta</i> 2007;52(7):2461-2470.	4.803
186.	Khanova HA, Markossian KA, Kleimenov SY, Levitsky DI, Chebotareva NA, Golub NV, Asryants RA, Muronetz VI, Saso L , Yudin IK, Muranov KO, Ostrovsky MA, Kurganov BI. Effect of α -crystallin on thermal denaturation and aggregation of rabbit muscle glyceraldehyde-3-phosphate dehydrogenase. <i>Biophys Chem</i> 2007;125(2-3):521-531.	2.363
187.	Artico M, Bronzetti E, Saso L , Felici LM, D'Ambrosio A, Forte F, et al. Immunohistochemical profile of some neurotransmitters and neurotrophins in the seminiferous tubules of rats treated by lonidamine. <i>Eur J Histochem</i> 2007;51(1):19-24.	2.421
188.	Markossian KA, Khanova HA, Kleimenov SY, Levitsky DI, Chebotareva NA, Asryants RA, Muronetz VI, Saso L , Yudin IK, Kurganov BI. Mechanism of thermal aggregation of rabbit muscle glyceraldehyde-3-phosphate dehydrogenase. <i>Biochemistry</i> 2006;45(44):13375-13384.	2.876
189.	Firuzi O, Mladenka P, Riccieri V, Spadaro A, Petrucci R, Marrosu G, Saso L . Parameters of oxidative stress status in healthy subjects: Their correlations and stability after sample collection. <i>J Clin Lab Anal</i> 2006;20(4):139-148.	1.549
190.	Firuzi O, Fuksa L, Spadaro C, Bousová I, Riccieri V, Spadaro A, Petrucci R, Marrosu G, Saso L . Oxidative stress parameters in different systemic rheumatic diseases. <i>J Pharm Pharmacol</i> 2006;58(7):951-957.	2.363
191.	Falcocchio S, Ruiz C, Pastor FIJ, Saso L , Diaz P. Propionibacterium acnes GehA lipase, an enzyme involved in acne development, can be successfully inhibited by defined natural substances. <i>J Mol Catal B Enzym</i> 2006;40(3-4):132-137.	2.189
192.	Ruiz, C., Falcocchio, S., Xoxi, E., Villo, L., Nicolosi, G., Pastor, F.I.J., Díaz, P. and Saso, L . Inhibition of <i>Candida rugosa</i> lipase by saponins, flavonoids and alkaloids. <i>J Mol Catal B Enzym</i> 2006;40(3-4):138-143.	2.189
193.	Shalova IN, Asryants RA, Sholukh MV, Saso L , Kurganov BI, Muronetz VI, et al. Interaction of polyanions with basic proteins, 2a: Influence of complexing polyanions on the thermoaggregation of oligomeric enzymes. <i>Macromol Biosci</i> 2005;5(12):1184-1192.	3.680
194.	Saso L , Silvestrini B, Cheng CY. Preface: Male infertility, from contraception to therapy. <i>Contraception</i> 2005;72(4):250.	2.788
195.	Maranghi F, Mantovani A, Macrì C, Romeo A, Eleuteri P, Leter G, Rescia M, Spanò M, Saso L . Long-term effects of lonidamine on mouse testes. <i>Contraception</i> 2005;72(4):268-272.	2.788
196.	Traina ME, Guarino M, Urbani E, Saso L , Eleuteri P, Cordelli E, et al. Lonidamine transiently affects spermatogenesis in pubertal CD1 mice. <i>Contraception</i> 2005;72(4):262-267.	2.788
197.	Falcocchio S, Ruiz C, Pastor FIJ, Saso L , Diaz P. Identification of a carboxylesterase-producing <i>Rhodococcus</i> soil isolate. <i>Can J Microbiol</i> 2005;51(9):753-758.	1.335
198.	Yordanov M, Dimitrova P, Patkar S, Falcocchio S, Xoxi E, Saso L , et al. Ibogaine reduces organ colonization in murine systemic and gastrointestinal <i>Candida albicans</i> infections. <i>J Med Microbiol</i> 2005;54(7):647-653.	2.269
199.	Daniele C, Dahamna S, Firuzi O, Sekfali N, Saso L , Mazzanti G. <i>Atractylis gummifera</i> L. poisoning: An ethnopharmacological review. <i>J Ethnopharmacol</i> 2005;97(2):175-181.	3.055
200.	Firuzi O, Lacanna A, Petrucci R, Marrosu G, Saso L . Evaluation of the antioxidant activity of flavonoids by "ferric reducing antioxidant power" assay and cyclic voltammetry. <i>Biochim Biophys Acta</i> 2005;1721(1-3):174-184.	2.590
201.	Ruiz C, Falcocchio S, Xoxi E, Pastor FIJ, Diaz P, Saso L . Activation and inhibition of <i>Candida rugosa</i> and <i>Bacillus</i> -related lipases by saturated fatty acids, evaluated by a new colorimetric microassay.	2.590

	Biochim Biophys Acta 2004;1672(3):184-191.	
202.	Firuzi O, Mladěnka P, Petrucci R, Marrosu G, Saso L . Hypochlorite scavenging activity of flavonoids. <i>J Pharm Pharmacol</i> 2004;56(6):801-807.	2.363
203.	Firuzi O, Giansanti L, Vento R, Seibert C, Petrucci R, Marrosu G, Agostino R, Saso L . Hypochlorite scavenging activity of hydroxycinnamic acids evaluated by a rapid microplate method based on the measurement of chloramines. <i>J Pharm Pharmacol</i> 2003;55(7):1021-1027.	2.363
204.	Gatto MT, Firuzi O, Agostino R, Grippa E, Borsò A, Spinelli F, Pavan L, Petrolati M, Petrucci R, Marrosu G, Saso L . Development of a new assay for the screening of hypochlorous acid scavengers based on reversed-phase high-performance liquid chromatography. <i>Biomed Chromatogr</i> 2002;16(6):404-411.	1.729
205.	Bolle P, Evandri MG, Saso L . The controversial efficacy of vitamin E for human male infertility. <i>Contraception</i> 2002;65(4):313-315.	2.788
206.	Gatto MT, Tita B, Artico M, Saso L . Recent studies on lonidamine, the lead compound of the antispermatogenic indazol-carboxylic acids. <i>Contraception</i> 2002;65(4):277-278.	2.788
207.	Leone MG, Haq HA, Saso L . Lipocalin type prostaglandin D-synthase: Which role in male fertility? <i>Contraception</i> 2002;65(4):293-295.	2.788
208.	Cheng CY, Mo M-, Grima J, Saso L , Tita B, Mruk D, et al. Indazole carboxylic acids in male contraception. <i>Contraception</i> 2002;65(4):265-268.	2.788
209.	Gatto MT, Falcocchio S, Grippa E, Mazzanti G, Battinelli L, Nicolosi G, Lambusta D, Saso L . Antimicrobial and anti-lipase activity of quercetin and its C2-C16 3-O-acyl-esters. <i>Bioorg Med Chem</i> 2002;10(2):269-272.	2.486
210.	Saso L , Grippa E, Teresa Gatto M, Silvestrini B. Inhibition of calcium oxalate precipitation by bile salts. <i>Int J Urol</i> 2001;8(3):124-127.	1.878
211.	Saso L , Valentini G, Casini ML, Grippa E, Gatto MT, Leone MG, et al. Inhibition of Heat-induced Denaturation of Albumin by Nonsteroidal Antiinflammatory Drugs (NSAIDs): Pharmacological Implications. <i>Arch Pharmacol Res</i> 2001;24(2):150-158.	2.490
212.	Grippa E, Gatto MT, Caiola M, Persio D, Tita B, Saso L . Effect of lonidamine on α 2-macroglobulin, hemopexin and α 1-antitrypsin in the rat testis and epididymis. <i>Res Commun Mol Pathol Pharmacol</i> 2001;110(3-4):169-182.	0.315
213.	Tita B, Leone MG, Casini ML, Corubolo C, Bordi F, Guidolin D, Fumagalli E, Romanelli L, Mattioli F, Fehér J, Saso L . Corneal toxicity of xylazine and clonidine, in combination with ketamine, in the rat. <i>Ophthalmic Res</i> 2001;33(6):345-352.	1.344
214.	Leone MG, Abdel-Haq H, Gennaro G, Amici S, Conte D, Romanelli F, Latini M, Isidori A, Saso L , Silvestrini B. Changes of lipocalin type prostaglandin D-synthase in the seminal plasma of subfertile man. <i>Res Commun Mol Pathol Pharmacol</i> 2001;110(1-2):17-25.	0.315
215.	Cheng CY, Silvestrini B, Grima J, Mo MY, Zhu LJ, Johansson E, Saso L , Leone MG, Palmery M, Mruk D. Two new male contraceptives exert their effects by depleting germ cells prematurely from the testis. <i>Biol Reprod</i> 2001;65(2):449-461.	3.471
216.	Tita B, Abdel-Haq H, Vitalone A, Mazzanti G, Saso L . Analgesic properties of <i>Epilobium angustifolium</i> , evaluated by the hot plate test and the writhing test. <i>Farmaco</i> 2001;56(5-7):341-343.	0.790
217.	Vitalone A, Bordi F, Baldazzi C, Mazzanti G, Saso L , Tita B. Anti-proliferative effect on a prostatic epithelial cell line (PZ-HPV-7) by <i>Epilobium angustifolium</i> L. <i>Farmaco</i> 2001;56(5-7):483-489.	0.790
218.	Befani O, Grippa E, Saso L , Turini P, Mondovi B. Inhibition of monoamine oxidase by metronidazole. <i>Inflamm Res</i> 2001;50(SUPPL. 2).	2.557
219.	Ricceri V, Spadaro A, Saso L , Valentini G, Taccari E, Silvestrini B. Immunohistologic markers of immune activation and changes of glycosylation of serum proteins in primary Sjögren's syndrome. <i>Clin Exp Rheumatol</i> 2001;19(1):53-58.	2.495
220.	Grippa E, Gatto MT, Leone MG, Tita B, Abdel-Haq H, Vitalone A, Silvestrini B, Saso L . Analysis of lonidamine in rat serum and testis by high performance liquid chromatography. <i>Biomed Chromatogr</i> 2001;15(1):1-8.	1.729
221.	Saso L , Silvestrini B. Antidenaturant drugs for cataract and other condensation diseases. <i>Med Hypotheses</i> 2001;56(1):114-120.	1.136
222.	Grippa E, Pavone F, Gatto MT, Petrucci R, Marrosu G, Silvestrini B, Saso L . In vitro evaluation of antioxidant activity by electrophoresis and high performance liquid chromatography. <i>Biochim Biophys Acta Gen</i> 2000;1524(2-3):171-177.	2.590
223.	Abdel-Haq H, Cometa MF, Palmery M, Leone MG, Silvestrini B, Saso L . Relaxant effects of <i>Hydrastis canadensis</i> L. and its major alkaloids on guinea pig isolated trachea. <i>Pharmacol Toxicol</i> 2000;87(5):218-222.	1.780
224.	Saso L , Tommasino P, Italiano G, Grippa E, Leone MG, Gatto MT, et al. Changes of acute-phase proteins in streptozotocin-induced diabetic rats. <i>Physiol Res</i> 2000;49(4):403-409.	1.643

225.	Mazzanti G, Mascellino MT, Battinelli L, Coluccia D, Manganaro M, Saso L . Antimicrobial investigation of semipurified fractions of Ginkgo biloba leaves. <i>J Ethnopharmacol</i> 2000;71(1-2):83-88.	3.055
226.	Abdel-Haq H, Giacomelli S, Palmery M, Leone MG, Saso L , Silvestrini B. Aflatoxins inhibit prolactin secretion by rat pituitary cells in culture. <i>Drug Chem Toxicol</i> 2000;23(2):381-386.	1.653
227.	Abdel-Haq H, Palmery M, Leone MG, Saso L , Silvestrini B. Stimulation of guinea pig isolated atria by aflatoxins. <i>Toxicol Vitro</i> 2000;14(3):193-197.	3.338
228.	Abdel-Haq H, Palmery M, Leone MG, Saso L , Silvestrini B. Relaxant effects of aflatoxins on isolated guinea pig trachea. <i>Toxicol Sci</i> 2000;55(1):162-170.	3.880
229.	Leone MG, Grippa E, Guidolin D, Tita B, Abdel-Haq H, Gatto MT, Bordi F, Cheng CY, Silvestrini B, Saso L . Effects of lonidamine on testicular and epididymal proteins in the rat. <i>Reprod Toxicol</i> 2000;14(3):257-263.	2.850
230.	Saso L , Grippa E, Gatto MT, Leone MG, Silvestrini B. Inhibition of Heat-Induced Aggregation of β - and γ -Crystallin by α -Crystallin Evaluated by Gel Permeation HPLC. <i>Biochemistry Moscow</i> 2000;65(2):208-212.	1.421
231.	Grippa E, Santini L, Castellano G, Gatto MT, Leone MG, Saso L . Simultaneous determination of hydrocortisone, dexamethasone, indomethacin, phenylbutazone and oxyphenbutazone in equine serum by high-performance liquid chromatography. <i>J Chromatogr B</i> 2000;738(1):17-25.	2.687
232.	Saso L , Valentini G, Riccieri V, Spadaro A, Zoppini A, Silvestrini B. Changes of glycosylation of serum proteins in Sjogren's syndrome: Correlation with interleukin-6 and soluble interleukin-2 receptor. <i>IUBMB Life</i> 1999;48(4):385-390.	2.653
233.	Saso L , Bonanni G, Grippa E, Gatto MT, Leone MG, Silvestrini B. Interaction of hyaluronic acid with mucin, evaluated by gel permeation chromatography. <i>Res Commun Mol Pathol Pharmacol</i> 1999;104(3):277-284.	0.315
234.	Leone MG, Saso L , Cheng CY, Silvestrini B. Micropurification of β - and γ -crystallins from rabbit aqueous humor. <i>Int J Biol Macromol</i> 1999;26(2-3):167-171.	3.138
235.	Saso L , Valentini G, Mattei E, Panzironi C, Casini ML, Grippa E, et al. Stabilization of rat serum proteins following oral administration of fish oil. <i>Arch Pharmacol Res</i> 1999;22(5):485-490.	2.490
236.	Saso L , Valentini G, Leone MG, Grippa E, Guglielmi R, Paris L, et al. Changes in concanavalin A-reactive proteins in neurological disorders. <i>J Clin Lab Anal</i> 1999;13(4):158-165.	1.549
237.	Saso L , Leone MG, Mo M-, Grippa E, Yan Cheng C, Silvestrini B. Differential Changes in α 2-Macroglobulin and Hemopexin in Brain and Liver in Response to Acute Inflammation. <i>Biochemistry Moscow</i> 1999;64(7):839-844.	1.421
238.	Cazzolla N, Saso L , Grima J, Leone MG, Grippa E, Cheng CY, et al. Development of an enzyme-linked immunosorbent assay, using a monoclonal antibody against α 2-macroglobulin, for the diagnosis of systemic lupus erythematosus. <i>Clin Biochem</i> 1999;32(4):249-255.	2.382
239.	Saso L , Valentini G, Casini ML, Mattei E, Braghiroli L, Mazzanti G, et al. Inhibition of protein denaturation by fatty acids, bile salts and other natural substances: A new hypothesis for the mechanism of action of fish oil in rheumatic diseases. <i>Jpn J Pharmacol</i> 1999;79(1):89-99.	1.724
240.	Saso L , Tommasino P, Grippa E, Leone MG, Silvestrini B. Micromethods for the analysis of tear proteins in pharmacological studies. <i>Res Commun Mol Pathol Pharmacol</i> 1999;103(2):149-165.	0.315
241.	Grippa E, Valla R, Battinelli L, Mazzanti G, Saso L , Silvestrini B. Inhibition of Candida rugosa Lipase by Berberine and Structurally Related Alkaloids, Evaluated by High-Performance Liquid Chromatography. <i>Biosci Biotechnol Biochem</i> 1999;63(9):1557-1562.	1.176
242.	Saso L , Leone MG, Sorrentino C, Giacomelli S, Silvestrini B, Grima J, et al. Quantification of prostaglandin D synthetase in cerebrospinal fluid: A potential marker for brain tumor. <i>Biochem Mol Biol Int (IUBMB Life)</i> 1998;46(4):643-656.	2.653
243.	Saso L , Valentini G, Grippa E, Leone MG, Silvestrini B. Effect of selected substances on heat-induced aggregation of albumin, IgG and lysozyme. <i>Res Commun Mol Pathol Pharmacol</i> 1998;102(1):15-28.	0.315
244.	Saso L , Valentini G, Leone MG, Grippa E, Silvestrini B. Development of an in vitro assay for the screening of substances capable of dissolving calcium oxalate crystals. <i>Urol Int</i> 1998;61(4):210-214.	1.313
245.	Saso L , Valentini G, Giardino AM, Spadaro A, Riccieri V, Zoppini A, et al. Changes of glycosylation of serum proteins in psoriatic arthritis, studied by enzyme-linked lectin assay (ELLA), using concanavalin A. <i>Biochem Mol Biol Int (IUBMB Life)</i> 1998;46(5):867-875.	2.653
246.	Saso L , Casini ML, Valentini G, Mattei E, Panzironi C, Silvestrini B. Development of an HPLC assay to study the effect of endogenous and exogenous substances on heat-induced aggregation of human serum albumin. <i>Clin Chem Lab Med</i> 1998;36(3):155-162.	3.017
247.	Saso L , Valentini G, Casini ML, Mattei E, Panzironi C, Silvestrini B. Development of a turbidimetric assay to study the effect of urinary components on calcium oxalate precipitation. <i>Urol Int</i> 1998;60(1):47-52.	1.313
248.	Li AHY, Zwain IH, Pineau C, Cazzolla N, Saso L , Silvestrini B, et al. Response of α 2-macroglobulin	3.471

	messenger ribonucleic acid expression to acute inflammation in the testis is different from the response in the liver and brain. <i>Biol Reprod</i> 1994;50(6):1287-1296.	
249.	Saso L , Silvestrini B, Cheng CY. The Use of High-Performance Electrophoresis Chromatography for the Micropurification of Cerebrospinal Fluid Proteins in the Rat. <i>Anal Biochem</i> 1993;212(2):315-324.	2.243
250.	Saso L , Silvestrini B, Guglielmotti A, Lahita R, Cheng CY. Abnormal glycosylation of α 2-macroglobulin, a non-acute-phase protein, in patients with autoimmune diseases. <i>Inflammation</i> 1993;17(4):465-479.	2.618
251.	Saso L , Silvestrini B, Lahita R, Cheng CY. Changes of immunoreactivity in α 1-antitrypsin in patients with autoimmune diseases. <i>Inflammation</i> 1993;17(3):383-400.	2.618
252.	Palmery M, Pimpinella G, Saso L , Silvestrini B. Facilitating Effect of Amphetamine and Harmaline on Blood Pressure Response to Biogenic Amines in Rats. <i>Pharmacol Res</i> 1993;27:75-76.	4.816
253.	Mazzanti G, Bettschart A, Braghiroli L, Saso L , Panzironi C. Persea Indica: General Pharmacological Effects of the Total Extract. <i>Pharmacol Res</i> 1993;27:19-20.	4.816
254.	Jovicevic L, Troiani MP, de Joannon AC, Saso L , Mezzanti G, Rossi V. In Vitro Antiproliferative Activity of <i>Petiveria Alliacea</i> L. on Several Tumor Cell Lines. <i>Pharmacol Res</i> 1993;27:105-106.	4.816
255.	Zwain IH, Grima J, Stahler MS, Saso L , Cailleau J, Verhoeven G, et al. Regulation of Sertoli cell α 2-macroglobulin and clusterin (SGP-2) secretion by peritubular myoid cells. <i>Biol Reprod</i> 1993;48(1):180-187.	3.471
256.	Guglielmotti A, Silvestrini B, Saso L , Zwain I, Yan Cheng C. Chronic inflammatory response in the rat can be blocked by bindarit. <i>Biochem Mol Biol Int (IUBMB Life)</i> 1993;29(4):747-756.	2.653
257.	Leone MG, Saso L , Del Vecchio A, Mo M-, Silvestrini B, Cheng CY. Micropurification of Two Human Cerebrospinal Fluid Proteins by High Performance Electrophoresis Chromatography. <i>J Neurochem</i> 1993;61(2):533-540.	3.842
258.	Saso L , Silvestrini B, Zwain I, Guglielmotti A, Luparini MR, Cioli V, et al. Abnormal glycosylation of hemopexin in arthritic rats can be blocked by bindarit. <i>J Rheumatol</i> 1992;19(12):1859-1867.	3.236
259.	Schlegel PN, Matthews GJ, Cichon Z, Aulitzky WK, Cheng CY, Chen CL, Saso L , Goldstein M, Jänne OA, Bardin CW, et al. Clusterin production in the obstructed rabbit kidney: Correlations with loss of renal function. <i>J Am Soc Nephrol</i> 1992;3(5):1163-1171.	8.491
260.	Silvestrini B, Guglielmotti A, Saso L , Milanese C, Melanitou E, Grima J, et al. Development of an enzyme-linked immunosorbent assay with a monoclonal antibody prepared against α 1-antitrypsin for diagnostic screening of inflammatory disorders. <i>Clin Chem</i> 1990;36(2):277-282.	7.457
261.	Silvestrini B, Guglielmotti A, Saso L , Cheng CY. Changes in concanavalin A-reactive proteins in inflammatory disorders. <i>Clin Chem</i> 1989;35(11):2207-2211.	7.457

Roma 27-11-2020