

# **Prof. Remo BUCCI**

## **CURRICULUM VITAE**

### **INFORMAZIONI PERSONALI**

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### **ISTRUZIONE E FORMAZIONE**

Laureato in Chimica nel 1976 presso l'Università degli Studi di Roma con votazione di 110/110 e lode.

Nel 1977 ha svolto uno stage presso l'Industria Mineraria e Metallurgica di Pertusola (Crotone) per una ricerca riguardante il trattamento cloridrico dei fanghi per il recupero dei metalli nella idrometallurgia dello zinco.

Vincitore di una borsa di studio del Consiglio Nazionale delle Ricerche, ha svolto la sua attività dal 1978 al 1981 presso l'Istituto di Chimica Analitica dell'Università di Roma.

Ha conseguito l'abilitazione alla professione di Chimico nel 1979.

Dal 1981 al 1987 è stato Ricercatore Universitario Confermato presso il Dipartimento di Chimica e dal 1987 è Professore Associato presso la Facoltà di Scienze M.F.N. dell'Università "La Sapienza" di Roma.

Dal 1982 al 2010 è stato responsabile di Progetti di Ricerca di Facoltà e di Ateneo.

Dal 1985 al 1998 ha gestito la coordinazione del Progetto Nazionale di Ricerca "Termodinamica dei Complessi" che ha coinvolto fino a 19 Unità Locali.

Ha fatto parte della Commissione Sicurezza del Dipartimento di Chimica dal 1992 al 1997 e nel 2004 è stato eletto per due mandati successivi nella sua Giunta.

Ha partecipato all'organizzazione del Convegno Nazionale della Divisione di Chimica Analitica (Roma 1987) e a quello del Gruppo di Termodinamica dei Complessi (Roma 1993).

Nell'ambito di altre attività accademiche è stato commissario in concorsi per dottorato in chimica, ricercatore e professore di II fascia.

## ATTIVITÀ DIDATTICA

Dal 1987 al 1997 ha tenuto il corso di “Analisi Chimica Strumentale con Metodi Ottici e Spettrali” per il CdL in Chimica Industriale e in Chimica.

Dal 2002 al 2009 ha tenuto il corso “Analisi Chimica Strumentale con Metodi Spettroscopici e Termici con lab.” della Laurea in Chimica (ordinamento 509).

Dal 1998 al 2012 è stato titolare del corso “Laboratorio di Chimica” per il CdL in Scienze Biologiche.

Dal 2010 a tutt’oggi è titolare del corso “Chimica Analitica Strumentale 1 con Lab.” della Laurea Magistrale in Chimica Analitica (ordinamento 270).

Dall’anno accademico 2001-2018 ha svolto come affidamento aggiuntivo il corso di “Biologia e Biochimica” (poi denominato “Basi Molecolari e Cellulari della Vita” in due Lauree triennali della Facoltà di Medicina de “La Sapienza” (polo di Rieti) e dal 2002-03 al 2004-05 ha tenuto anche quello di “Laboratorio di Chimica Analitica” per il CdL in Chimica Industriale (Polo di Rieti).

In questi anni ha inoltre svolto lezioni di Spettroscopia Analitica nel Corso di Perfezionamento “Tecniche di Chimica Analitica Strumentale” (dal 1989 al 1998) e nel Master “Analisi Chimiche e Controllo di Qualità” (dal 2002 a tutt’oggi) e nel Master “Metodologie Analitiche Forensi” organizzati nell’ambito del Dipartimento di Chimica dell’Università “La Sapienza”.

Questa sua attività didattica è stata premiata dalla Facoltà di Scienze MFN con il “Riconoscimento di Eccellente Insegnamento Universitario” nell’anno accademico 2016-17.

## **ATTIVITÀ DI RICERCA SCIENTIFICA**

L'attività scientifica del Prof. Bucci si è rivolta verso tematiche di chimica analitica sia di carattere fondamentale che di carattere applicativo. Le linee di ricerca hanno essenzialmente riguardato i seguenti argomenti:

- 1) STUDIO DEI COMPOSTI DI COORDINAZIONE**
  - a) *Complessi in soluzione*
  - b) *Sintesi e comportamento termoanalitico di complessi allo stato solido*
- 2) NUOVI METODI DI ANALISI IN CAMPO CHIMICO-CLINICO E MERCEOLOGICO**
- 3) MODELLI DI SIMULAZIONE PER SOLIDI SOTTOPOSTI A RISCALDAMENTO**

i cui principali risultati sono stati oggetto di numerose pubblicazioni su riviste specializzate a carattere internazionale (vedi elenco) e comunicazioni a Congressi.

**ELENCO DELLE PUBBLICAZIONI**

- P1 - M.L. ANTONELLI, R. BUCCI, V. CARUNCHIO, E. CERNIA  
"Preparation of a cobalt(III) compound with polyethylenimine"  
J. Polym. Sci. Polym. Lett. Ed., 18, 179 (1980) (N.Y.)
- P2 - M.L. ANTONELLI, R. BUCCI, V. CARUNCHIO  
"An application of the ligand exchange chromatography to the analysis of some protein components"  
J. of Liquid Chromatography, 3, 885 (1980) (Abingdon U.K.)
- P3 - M.L. ANTONELLI, U. BIADER CEIPIDOR, R. BUCCI, V. CARUNCHIO  
"Microcalorimetric and spectrophotometric investigation on cobalt(II) - bromide system in ethanol"  
Inorg. Chim. Acta, 45, L173 (1980) (Amsterdam-NL)
- P4 - V. CARUNCHIO, A. MESSINA, R. BUCCI, G. ROSSELLO  
"Solvents effects on formation equilibria of copper(II) - thiocyanate system in ethanol acetone mixtures"  
Ann. Chim., 70, 543 (1980) (Roma)
- P5 - V. CARUNCHIO, A. MESSINA, R. BUCCI, A.M. GIRELLI  
"Spectrophotometric and microcalorimetric study of the copper(II) - thiocyanate system in some aliphatic alcohols"  
Ann. Chim., 72, 107 (1982) (Roma)
- P6 - L. CAPRINO, N. DOLCI, G. TOGNA, P. VILLA, R. BUCCI, V. CARUNCHIO  
"Effects of cadmium on platelet thromboxane and vascular prostacyclin production"  
Toxicol. Appl. Pharmacol., 65, 185 (1982) (London)
- P7 - R. BUCCI, A.D. MAGRI, A.L. MAGRI, A. MESSINA  
"The thermal decomposition reactions of  $[\text{Co}(\text{en})_n(\text{phen})_m]\text{Cl}_3$  complexes"  
Thermochim. Acta, 60, 287 (1983) (Amsterdam-NL)
- P8 - V. CARUNCHIO, M.L. ANTONELLI, R. BUCCI, A.D. MAGRI  
"Flow microcalorimetry applied to the enzymatic determination of urea"  
Anal. Lett., 16(B1), 1 (1983) (N.Y.)
- P9 - V. CARUNCHIO, A. MESSINA, R. BUCCI, A.M. GIRELLI  
"Complexation equilibria of copper(II) with thiocyanate in dimethylsulphoxide and dimethylacetamide"  
Gazz. Chim. Ital., 113, 553 (1983) (Roma)
- P10 - V. CARUNCHIO, A. MESSINA, R. BUCCI, A.M. GIRELLI  
"Formation equilibria of the cobalt(II) - thiosemicarbazide system in various solvents"  
Ann. Chim., 74, 231 (1984) (Roma)
- P11 - R. BUCCI, V. CARUNCHIO, A.D. MAGRI, A.L. MAGRI  
"The thermal decomposition reaction of bis- (pyridine-2- aldoxime)- copper(II) complexes"  
J. Thermal Anal., 29, 679, (1984) (Budapest)

- P12 - U. BIADER CEIPIDOR, R. BUCCI, V. CARUNCHIO, A.M. GIRELLI  
"Influence of the oxygen on cobalt(II) - thiosemicarbazide complexes in various solvents"  
Inorg. Chim. Acta, 98, 55 (1985) (Amsterdam-NL)
- P13 - R. BUCCI, V. CARUNCHIO, A.M. GIRELLI, A. MESSINA  
"Formation equilibria of the copper(II) complexes with some pyridinols in various solvents"  
Polyhedron, 4, 1433 (1985) (Oxford-U.K.)
- P14 - R. BUCCI, V. CARUNCHIO, A.M. GIRELLI  
"Complexes of copper(II) with chelating agents in ethanol, dimethylacetamide and dimethylsulfoxide"  
Inorg. Chim. Acta, 111, 1 (1986) (Amsterdam-NL)
- P15 - R. BUCCI, V. CARUNCHIO, A.D. MAGRI, A.L. MAGRI  
"Spectral and thermal studies of copper(II) complexes of 3 - and 4 - pyridinealdoxime"  
J. Thermal Anal., 30, 1309 (1985) (Budapest)
- P16 - S. BALZAMO, R. BUCCI, V. CARUNCHIO, G. VINCI  
"Oxidation of aqueous solutions of cobalt(II) in the presence of some aminoacids"  
Transition Met. Chem., 11, 316 (1986) (N.Y.)
- P17 - R. BUCCI, V. CARUNCHIO, A.M. GIRELLI  
"Formation of iron(II) complexes with some aromatic anions in DMSO"  
Inorg. Chim. Acta, 141, 99 (1988) (Amsterdam-NL)
- P18 - S. BRINI, R. BUCCI, V. CARUNCHIO, G. GRASSINI STRAZZA  
"Preparative and analytical studies of some dicarboxylato -  $\alpha$  - diiminecobalt(III) complexes"  
J. Coord. Chem., 17, 221 (1988) (N.Y.)
- P19 - R. BUCCI, V. CARUNCHIO, A.D. MAGRI, A.L. MAGRI  
"An investigation of some homo- and heterobinuclear complexes of copper(II) and nickel(II) with pyridine - 2-aldoxime"  
J. Thermal Anal., 34, 509 (1988) (Budapest)
- P20 - U. BIADER CEIPIDOR, R. BUCCI, V. CARUNCHIO, A.M. GIRELLI, A.D. MAGRI  
"Cobalt(III) dicarboxylato bis - ethylenediamine nitrates: preparation and characterization by thermal analysis and other analytical methods"  
J. Thermal Anal., 35, 1513 (1989) (Budapest)
- P21 - U. BIADER CEIPIDOR, R. BUCCI, V. CARUNCHIO, A.D. MAGRI  
"Using thermoanalytical data. Part 1. The power of kinetic parameters determined from thermogravimetry to describe the experimental behaviour of the sample"  
Thermochim. Acta, 158, 125 (1990) (Amsterdam-NL)
- P22 - U. BIADER CEIPIDOR, R. BUCCI, A.D. MAGRI  
"Using thermoanalytical data. Part 2. The dependence of kinetic data available from thermogravimetry on sample and instrument parameters: a method for calculating 'true' kinetic parameters"  
Thermochim. Acta, 161, 37 (1990) (Amsterdam-NL)

- P23 - R. BUCCI, A.D. MAGRI, A.L. MAGRI, A. NAPOLI  
"Thermoanalytical behaviour of the captopril - cobalt(II) complex"  
Thermochim. Acta, 161, 309 (1990) (Amsterdam-NL)
- P24 - S. BRINI, R. BUCCI, V. CARUNCHIO, A.D. MAGRI  
"Thermoanalytical behaviour of some dicarboxylato -□- diiminecobalt(III) complexes"  
J. Thermal Anal., 36, 707 (1990) (Budapest)
- P25 - U. BIADER CEIPIDOR, R. BUCCI, A.M. GIRELLI, A.D. MAGRI  
"Cobalt(III) aminoacidate bis - phenanthroline chlorides: preparation and characterisation by thermal analysis and other analytical methods"  
Thermochim. Acta, 181, 215 (1991) (Amsterdam-NL)
- P26 - R. BUCCI, A.L. MAGRI, A. NAPOLI  
"Chromium(III) complexes with diethylenetriaminepentaacetic acid"  
J. Coord. Chem., 24, 169 (1991) (N.Y.)
- P27 - R. ACQUISTUCCI, R. BUCCI, A.D. MAGRI, A.L. MAGRI  
"Evaluation of the moisture and ash contents in wheat mills by multistep programmed thermogravimetry"  
Thermochim. Acta, 188, 51 (1991) (Amsterdam-NL)
- P28 - A. NAPOLI, R. BUCCI, A.D. MAGRI, A.L. MAGRI  
"Mixed complexes between copper(II), chromium(III) and diethylenetriaminepentaacetic acid"  
Ann. Chim., 81, 693 (1991) (Roma)
- P29 - U. BIADER CEIPIDOR, R. BUCCI, A.D. MAGRI  
"Using thermoanalytical data. Part.3. Influence of calorimetric and instrumental parameters on estimating kinetic parameters by TG"  
Thermochim. Acta, 199, 77 (1992) (Amsterdam-NL)
- P30 - U. BIADER CEIPIDOR, R. BUCCI, A.D. MAGRI  
"Using Thermoanalytical data. Part 4. Processing of DTA/DSC curves to calculate reaction enthalpy and kinetic parameters. An application to calcium oxalate"  
Thermochim. Acta, 199, 85 (1992) (Amsterdam-NL)
- P31 - D. ATZEI, D. DE FILIPPO, A. ROSSI, A. LAI, G. SABA, R. BUCCI  
"IR, NMR, XPS study of 1-(D-3-mercapto-2-methylpropionyl)-L-proline and its zinc complexes"  
Spectrochim. Acta, 48A, 911 (1992) (Oxford-U.K.)
- P32 - U. BIADER CEIPIDOR, R. BUCCI, A.D. MAGRI  
"Using thermoanalytical data. Part 6. Heat transfer contribution in TG/DTA/DSC data processing: non-isothermal kinetics - do they become "applied science" by exiting the "dichotomy"?"  
Thermochim. Acta, 203, 137 (1992) (Amsterdam-NL)
- P33 - D. DE MARCO, R. BUCCI, A. GIANNETTO  
"Thermal analysis of thione compounds II. The thermal behaviour of N - ethyl - thiourea, N,N'-diethylthiourea and N-□- allyl-thiourea"  
Oriental J. Chem., 8, 274 (1992) (Jodhpur-India)

- P34 - D. DE MARCO, R. BUCCI, C. GALLO  
"Thermal analysis of thione compounds I. The thermal behaviour of thiourea and N-methylthioureas"  
J. Therm. Anal., 39, 239, (1993) (Budapest)
- P35 - R. BUCCI, A.D. MAGRI', A.L. MAGRI', A. NAPOLI  
"Heterobinuclear chelates of some transition metal ions with chromium(III) - diethylenetriaminepentaacetato complex"  
Thermochim. Acta, 217, 213 (1993) (Amsterdam-NL)
- P36 - D. ATZEI, R. CAMINITI, C. SADUN, R. BUCCI, A. CORRIAS  
"Synthesis and LAXS investigation of some 1-(D-3-mercapto-2-methylpropionyl)-L-proline amorphous complexes with Co(II), Ni(II), Zn(II), Cd(II)"  
Phosphorus, Sulfur and Silicon, 79, 13 (1993) (n.Y.)
- P37 - D. DE MARCO, R. BUCCI  
" $\Delta H$  -  $\Delta S$  interplay in the fusion of thiourea and some alkylsubstituted thioureas"  
Thermochim. Acta, 224, 291 (1993) (Amsterdam-NL)
- P38 - D. DE MARCO, R. BUCCI, A. GIANNETTO  
"Thermal analysis of thione compounds. III. The thermal behaviour of N,N'-diisopropylthiourea, N,N'-dibutylthiourea and N,N'-diterbutylthiourea"  
Atti Accademia Peloritana dei Pericolanti, LXX, 193 (1992) (Messina)
- P39 - U. BIADER CEIPIDOR, R. BUCCI, A.D. MAGRI'  
"Using thermoanalytical data. Part 5. Effect of experimental constraints and data processing on the accuracy of kinetic parameters determined by dynamic thermal analysis"  
Thermochim. Acta, 231, 287 (1994) (Amsterdam-NL)
- P40 - U. BIADER CEIPIDOR, E. FRIZZI, R. BUCCI, A.D. MAGRI'  
"Using thermoanalytical data. Part 7. DSC/DTA/DTG peak shapes depending on operational settings, equipment features, sample kinetic and thermodynamic parameters"  
Thermochim. Acta, 247, 347 (1994) (Amsterdam-NL)
- P41 - R. BUCCI, V. CARUNCHIO, A.D. MAGRI', A.L. MAGRI'  
"Spectroscopic and thermoanalytical studies on bicinchoninic acid and its copper (I) complexes"  
Ann. Chim., 84, 509 (1994) (Roma)
- P42 - A. NAPOLI, R. BUCCI, A. D. MAGRI', A. L. MAGRI'  
"Binuclear chelates of diethylenetriaminepentaacetic acid with chromium(III) and oxovanadium (IV) ions"  
J. Therm. Anal., 46, 1865 (1996) (Budapest)
- P43 - R. ACQUISTUCCI, R. BUCCI, A. D. MAGRI', A. L. MAGRI'  
"Thermal analysis of food carbohydrates by determination of starch gelatinization phenomena"  
Fresenius J. Anal. Chem., 357, 97 (1997) (Heidelberg-D)

- P44 - D. DE MARCO, R. BUCCI, A. GIANNETTO  
"Thermal analysis of thione compounds. IV. Thermal behaviours of phenylthiourea, N,N'-diphenylthiourea, 1-(p-methoxyphenyl)-2-thiourea, 1-(3,4-dichlorophenyl)-2-thiourea and 1-methyl-3-methylthiourea"  
Orient. J. Chem., 13, 99 (1997) (Jodhpur-India)
- P45 - R. BUCCI, A.D. MAGRI', A.L. MAGRI', A. NAPOLI  
"On the reaction of dioxouranium(IV) with diethylenetriamine-pentacetic acid (DTPA) and with chromium(III)-DTPA chelating agent".  
Ann. Chim., 88, 25 (1998) (Roma)
- P46 - R. BUCCI, A.D. MAGRI', A.L. MAGRI'  
"Determination of diclofenac salts in pharmaceutical formulations"  
Fresenius J. Anal. Chem., 362, 562 (1998) (Heidelberg-D)
- P47 - R. BUCCI, A.D. MAGRI', A.L. MAGRI'  
"DSC in the chemical analysis of drugs. Determination of diclofenac in pharmaceutical formulations"  
J. Therm. Anal. Calorim., 61, 369 (2000) (Budapest)
- P48 - R. BUCCI, A.D. MAGRI', A.L. MAGRI', A. NAPOLI  
"On the reaction of iron (III) with chromium (III)- DTPA chelating agent"  
Polyhedron, 19, 2421 (2000) (Oxford-U.K.)
- P49 - R. BUCCI, A.D. MAGRI', A.L. MAGRI', A. NAPOLI  
"Spectroscopic characteristics and thermal properties of divalent metal complexes of diclofenac"  
Polyhedron, 19, 2515 (2000) (Oxford-U.K.)
- P50 - R. BUCCI, A.D. MAGRI', A.L. MAGRI', A. NAPOLI  
"Binuclear chelates of DTPA with aluminum (III) and chromium (III) ions"  
Anal. Letters, 34 (6), 893 (2001) (N.Y.)
- P51 - C. SADUN, R. BUCCI, A.L. MAGRI'  
"Structural analysis of the solid amorphous binuclear complexes of iron (III) and aluminum (III) with chromium (III)-DTPA chelator using energy dispersive X-ray diffraction"  
J. Am. Chem. Soc., 124 (12), 3036 (2002) (Washington-D.C.)
- P52 - R. BUCCI, A.D. MAGRI', A.L. MAGRI', D. MARINI, F. MARINI  
"Chemical authentication of extra virgin olive oil varieties by supervised chemometric procedures"  
J. Agric. Food Chem., 50 (3), 413 (2002) (Washington-D.C.)
- P53 - D. STELLA, J.A. CALZADO, A.M. GIRELLI, S. CANEPARI, R. BUCCI, C. PALET, M. VALIENTE  
"Liquid membranes for chiral separations. Application of cinchonidine as a chiral carrier"  
J. Sep. Sci., 25, 229 (2002) (Weinheim-D)



- P54 - R. BUCCI, A.D. MAGRI', A.L. MAGRI', F. MARINI  
"Comparison of three spectrophotometric methods for the determination of  $\gamma$ -oryzanol in rice bran oil"  
Anal. Bioanal. Chem., 375, 1254 (2003) (Heidelberg-D)
- P55 - F. MARINI, F. BALESTRIERI, R. BUCCI, A.L. MAGRI', D. MARINI  
"Supervised pattern recognition to discriminate the geographical origin of rice bran oils: a first study"  
Microchem. J., 74, 239 (2003) (Amsterdam-NL)
- P56 - F. MARINI, F. BALESTRIERI, R. BUCCI, A.D. MAGRI', A.L. MAGRI', D. MARINI  
"Supervised pattern recognition to authenticate Italian extra virgin olive oil varieties"  
Chemom. Intell. Lab. Syst., 73, 85 (2004) (Amsterdam-NL)
- P57 - R. BUCCI, S. CANEPARI, E. CARDARELLI, A.M. GIRELLI, A. PIETRODANGELO, M. VALIENTE  
"Carrier-mediated transport of amino acids through bulk liquid membranes"  
Sep. Sci. Technol., 39, 3821 (2004) (N.Y.)
- P58 - F. MARINI, A.L. MAGRÌ, R. BUCCI, F. BALESTRIERI, D. MARINI  
"Class-modeling techniques in the authentication of PDO Italian oils from Sicily"  
Chemom. Intell. Lab. Syst., 80, 140 (2006) (Amsterdam-NL)
- P59 - R. BUCCI, F. BALESTRIERI, A.D. MAGRÌ, A.L. MAGRÌ, F. MARINI  
"UV-vis spectrophotometric method for the quantitation of all the components of Italian general denaturant and its application to check the conformity of alcohol samples "  
Talanta, 68(3), 781-790 (2006) (London)
- P60 - V. VINCIGUERRA, R. BUCCI, F. MARINI, A. NAPOLI  
Thermal Behaviour of Iminodiacetic, Oxydiacetic and Thiodiacetic Acids  
J. Thermal Anal. Calorim., 83, 475 (2006) (Budapest)
- P61 - F. MARINI, R. BUCCI, A.L. MAGRÌ, A.D. MAGRÌ  
"Authentication of Italian CDO wines by class-modeling techniques "  
Chemom. Intell. Lab. Syst., 84(1-2), 164-171 (2006) (Amsterdam-NL)
- P62 - F. MARINI, R. BUCCI, A.L. MAGRÌ  
"Multilayer Feed-Forward Artificial Neural Networks for Class-Modeling"  
Chemom. Intell. Lab. Syst., 88(1), 118-124 (2007) (Amsterdam-NL)
- P63 - F. MARINI, A.L. MAGRÌ, R. BUCCI, A.D. MAGRÌ  
"Use of different artificial neural networks to resolve binary blends of monocultivar Italian olive oils"  
Analytica Chimica Acta , 599(2), 232-240 (2007)
- P64 - F. MARINI, R. BUCCI, A.L. MAGRÌ, A.D. MAGRÌ, R. ACQUISTUCCI, R. FRANCISCI  
"Classification of 6 durum wheat cultivars from Sicily (Italy) using artificial neural networks "  
Chemom. Intell. Lab. Syst., 90(1), 1-7 (2008) (Amsterdam-NL)

- P65 - M.RITOTA, R.GIANFERRI, R.BUCCI, E.BROSIO  
"Proton NMR relaxation study of swelling and gelatinisation process in rice starch-water samples"  
Food Chemistry, 110(1), 14-22. (2008)
- P66 - F. MARINI, A.L. MAGRÌ, R. BUCCI, A.D. MAGRÌ  
"Artificial Neural Networks in Chemometrics: History, Examples and Perspectives"  
Microchemical Journal, 88(2), 178-185 (2008)
- P67 - F. MARINI, R. BUCCI, A.L. MAGRÌ, A.D. MAGRÌ  
Multivariate analysis of NMR data. In "Basic NMR in food characterization"  
(Elvino Brosio) Research Signpost (2009)
- P68 - F. MARINI, R. BUCCI, I. GINEVRO, A L. MAGRÌ  
Coupling of IR measurements and multivariate calibration techniques for the determination of enantiomeric excess in pharmaceutical preparations  
Chemometr Intell Lab, 57, 52 - 63 (2009)
- P69 - R.ACQUISTUCCI, R.FRANCISCI, R.BUCCI, M.RITOTA, F.MAZZINI  
Nutritional and physicochemical characterisation of Italian rice flours and starches  
Food Sci. Technol. Res., 15 (5), 507-518 (2009)
- P70 - F. MARINI, R. BUCCI, A.L. MAGRÌ, A.D. MAGRÌ  
On overview of the chemometric methods for the authentication of the geographical and varietal origin of olive oils. In Victor R. Preedy and Ronald Ross Watson, editors: "Olives and olive oil in health and disease prevention", Elsevier, Oxford:Academic Press, pp. 569-579 (2010)
- P71 - F. MARINI, A. D'ALOISE. R. BUCCI, F. BUIARELLI, A.L.MAGRÌ, A.D.MAGRÌ  
Fast analysis of 4 phenolicacids in olive oil by HPLC-DAD and chemometrics  
Chemom. Intell. Lab. Syst., 106, 142-149 (2011)
- P72 - S. BELLATO, V. DEL FRATE, R. REDAELLI, D. SGRULLETTA, R. BUCCI, A.D. MAGRÌ, F. MARINI  
Use of Near Infrared Reflectance and Trasmittance Coupled to Robust Calibration for the Evaluation of Nutritional Value in Naked Oats  
J. Agric. Food Chem., 59, 4349-4360, (2011)
- P73 - M. BEVILACQUA, R. BUCCI, A.D. MAGRÌ, A.L. MAGRÌ, F. MARINI  
Tracing the origin of extra virgin olive oils by infrared spectroscopy and chemometrics: A case study  
Analytica Chimica Acta , 717, 39-51, (2012)
- P74 - M. BEVILACQUA, R. BUCCI, S. MATERAZZI, F. MARINI  
Application of Near Infrared (NIR) spectroscopy coupled to chemometrics for dried egg-pasta characterization and egg content quantification.  
Food Chemistry, 140, 726-734 , (2013)

- P75 - R.VITALE, M. BEVILACQUA, R. BUCCI, A.D. MAGRÌ, A.L. MAGRÌ, F. MARINI  
A rapid and non-invasive method for authenticating the origin of pistachio samples by NIR spectroscopy and chemometrics”  
Chemom. Intell. Lab. Syst. , 121, 90-99, (2013)
- P76 - M. BEVILACQUA, R. BUCCI, A.D. MAGRÌ, A.L. MAGRÌ, F. MARINI  
“Data fusion for food authentication. Combining near and mid infrared to trace the origin of extra virgin olive oils”  
NIR news, 24 (2), 12-15, (2013)
- P77 - M. BEVILACQUA, R. BUCCI, A.D. MAGRÌ, A.L. MAGRÌ, R. NESCATELLI;F. MARINI  
Chapter 5 – Classification and class-modelling. In: F. Marini. Chemometrics in Food Chemistry. Elsevier, 171-232, (2013)
- P78 – A. RAFFO, A. D’ALOISE, E. LARDSCHNEIDER, F. PAOLETTI, F. MARINI, R. BUCCI, M. KELDERER  
Effect of soil nutrition on aroma compound formation in organically grown apples (cv. Golden Delicious). In: V. Ferreira, R. Lopez. Flavour Science - Proceedings from XIII Weurman Flavour Research Symposium, Academic Press, Inc Elsevier Science, 173-176, (2014).
- P79 - M. BEVILACQUA, R. NESCATELLI, R. BUCCI, A.D. MAGRÌ, A.L. MAGRÌ, F. MARINI  
Chemometric classification techniques as a tool for solving problems in analytical chemistry.  
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