

**Journal Data Filtered By: Selected JCR Year: 2018 Selected Editions: SCIE  
Selected Categories: 'MECHANICS' Selected Quartiles: 'Q1' Selected Category  
Scheme: WoS**

Rank	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score
1	Annual Review of Fluid Mechanics	12,706	17.214	0.011270
2	Advances in Applied Mechanics	1,381	10.667	0.000280
3	ENERGY CONVERSION AND MANAGEMENT	51,652	7.181	0.068400
4	Applied Mechanics Reviews	4,208	6.138	0.003490
5	INTERNATIONAL JOURNAL OF PLASTICITY	11,299	5.800	0.013670
6	COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING	29,875	4.821	0.038350
7	NONLINEAR DYNAMICS	20,658	4.604	0.036420
8	INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER	59,146	4.346	0.060210
9	INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES	13,442	4.134	0.018890
10	INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER	9,780	4.127	0.012140
11	JOURNAL OF THE MECHANICS AND PHYSICS OF SOLIDS	18,866	4.087	0.019250
12	Extreme Mechanics Letters	1,439	4.075	0.005890
13	APPLIED THERMAL ENGINEERING	43,042	4.026	0.066100
14	Communications in Nonlinear Science and Numerical Simulation	11,888	3.967	0.019480
15	STRUCTURAL AND MULTIDISCIPLINARY OPTIMIZATION	8,696	3.925	0.012120
16	JOURNAL OF RHEOLOGY	6,581	3.468	0.006180
17	INTERNATIONAL JOURNAL OF IMPACT ENGINEERING	9,115	3.173	0.008940
18	COMPUTATIONAL MECHANICS	6,151	3.159	0.010300
19	International Journal of Mechanics and Materials in Design	800	3.143	0.001220
20	JOURNAL OF FLUID MECHANICS	62,018	3.137	0.051140
21	JOURNAL OF SOUND AND VIBRATION	36,167	3.123	0.027520
22	JOURNAL OF FLUIDS AND STRUCTURES	7,994	3.070	0.010190
23	JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS	10,915	3.010	0.007320
24	MECHANICS OF MATERIALS	7,353	2.958	0.008250
25	JOURNAL OF THERMAL STRESSES	2,475	2.943	0.002310
26	EUROPEAN JOURNAL OF MECHANICS A: SOLIDS	4,737	2.931	0.006820
27	ENGINEERING FRACTURE MECHANICS	15,598	2.908	0.013680
28	INTERNATIONAL JOURNAL OF FRACTURE	7,329	2.884	0.004880
29	MECHANICS OF ADVANCED MATERIALS AND STRUCTURES	1,856	2.873	0.002890
30	JOURNAL OF VIBRATION AND CONTROL	5,075	2.865	0.007480
31	THEORETICAL AND APPLIED FRACTURE MECHANICS	2,593	2.848	0.003820
32	APPLIED MATHEMATICAL MODELLING	16,888	2.841	0.027930
33	INTERNATIONAL JOURNAL OF MULTIPHASE FLOW	9,751	2.829	0.009290

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