

**Journal Data Filtered By: Selected JCR Year: 2017 Selected Editions: SCIE,SSCI  
 Selected Categories: 'CHEMISTRY, ANALYTICAL','CHEMISTRY, APPLIED','CHEMISTRY, INORGANIC & NUCLEAR','CHEMISTRY, MULTIDISCIPLINARY','CHEMISTRY, PHYSICAL','CRYSTALLOGRAPHY','ELECTROCHEMISTRY','ENERGY & FUELS','ENGINEERING, CHEMICAL','ENGINEERING, ELECTRICAL & ELECTRONIC','ENGINEERING, ENVIRONMENTAL','ENGINEERING, PETROLEUM','MATERIALS SCIENCE, BIOMATERIALS','MATERIALS SCIENCE, CERAMICS','MATERIALS SCIENCE, CHARACTERIZATION & TESTING','MATERIALS SCIENCE, COATINGS & FILMS','MATERIALS SCIENCE, COMPOSITES','MATERIALS SCIENCE, MULTIDISCIPLINARY','PHYSICS, ATOMIC, MOLECULAR & CHEMICAL','PHYSICS, CONDENSED MATTER','PHYSICS, MULTIDISCIPLINARY'  
 Selected IF Range from: 5.000 Selected Category Scheme: WoS**

Rank	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score
1	CHEMICAL REVIEWS	174,920	52.613	0.265650
2	Nature Reviews Materials	3,218	51.941	0.015060
3	Nature Energy	5,072	46.859	0.020430
4	CHEMICAL SOCIETY REVIEWS	125,900	40.182	0.275690
5	NATURE MATERIALS	92,291	39.235	0.195000
6	Nature Nanotechnology	57,369	37.490	0.170630
7	REVIEWS OF MODERN PHYSICS	47,289	36.367	0.054550
8	ADVANCES IN PHYSICS	5,747	30.917	0.005040
9	Energy & Environmental Science	71,920	30.067	0.180320
10	Nature Chemistry	29,548	26.201	0.101720
11	PROGRESS IN ENERGY AND COMBUSTION SCIENCE	10,618	25.242	0.009830
12	Materials Today	9,962	24.537	0.017130
13	MATERIALS SCIENCE & ENGINEERING R-REPORTS	7,119	24.480	0.005440
14	PROGRESS IN MATERIALS SCIENCE	12,382	23.750	0.015680
15	Nature Physics	33,233	22.727	0.122210
16	ADVANCED MATERIALS	190,542	21.950	0.365300
17	Advanced Energy Materials	34,218	21.875	0.099870
18	Annual Review of Condensed Matter Physics	2,349	21.853	0.012940
19	ACCOUNTS OF CHEMICAL RESEARCH	67,004	20.955	0.141610
20	PHYSICS REPORTS-REVIEW SECTION OF PHYSICS LETTERS	26,127	20.099	0.030630
21	SURFACE SCIENCE REPORTS	4,543	17.800	0.003150
22	Nano Today	7,073	17.753	0.013530
23	Annual Review of Materials Research	7,801	15.846	0.008300
24	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY C-PHOTOCHEMISTRY REVIEWS	3,797	15.325	0.004990
25	COORDINATION CHEMISTRY REVIEWS	30,949	14.499	0.034950
26	Physical Review X	10,288	14.385	0.069590
27	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	533,512	14.357	0.728530
28	REPORTS ON PROGRESS IN PHYSICS	15,949	14.257	0.030530
29	Chem	997	14.104	0.003220
30	Annual Review of Physical Chemistry	8,793	13.738	0.014200

31	ACS Nano	134,596	13.709	0.346500
32	ADVANCED FUNCTIONAL MATERIALS	78,965	13.325	0.163070
33	Materials Horizons	2,883	13.183	0.008670
34	Nano Energy	23,023	13.120	0.060880
35	INTERNATIONAL MATERIALS REVIEWS	4,577	12.703	0.005260
36	Advanced Science	4,030	12.441	0.012110
37	ACS Energy Letters	3,282	12.277	0.009210
38	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	302,685	12.102	0.571500
39	NANO LETTERS	153,533	12.080	0.331560
40	APPLIED CATALYSIS B-ENVIRONMENTAL	58,730	11.698	0.071290
41	ACS Catalysis	39,650	11.384	0.118510
42	ACS Central Science	2,106	11.228	0.009440
43	PROGRESS IN QUANTUM ELECTRONICS	1,122	10.733	0.001340
44	IEEE Industrial Electronics Magazine	1,394	10.429	0.003680
45	Journal of Materials Chemistry A	93,815	9.931	0.239820
46	CHEMISTRY OF MATERIALS	100,174	9.890	0.139120
47	Small	41,643	9.598	0.086470
48	IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE	46,505	9.455	0.064120
49	INTERNATIONAL REVIEWS IN PHYSICAL CHEMISTRY	1,796	9.406	0.002940
50	Nanoscale Horizons	505	9.391	0.001550
51	PROGRESS IN SOLID STATE CHEMISTRY	1,994	9.313	0.000990
52	IEEE COMMUNICATIONS MAGAZINE	21,610	9.270	0.056440
53	npj Quantum Information	420	9.206	0.002390
54	IEEE WIRELESS COMMUNICATIONS	6,702	9.202	0.017660
55	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	67,014	9.184	0.108570
56	PROCEEDINGS OF THE IEEE	31,332	9.107	0.031390
57	Chemical Science	35,721	9.063	0.124110
58	PROGRESS IN SURFACE SCIENCE	2,004	9.000	0.001800
59	npj Computational Materials	355	8.941	0.001500
60	PHYSICAL REVIEW LETTERS	432,843	8.839	0.658570
61	Wiley Interdisciplinary Reviews-Computational Molecular Science	4,131	8.836	0.015160
62	BIOMATERIALS	108,908	8.806	0.114670
63	Annual Review of Analytical Chemistry	2,100	8.756	0.004590
64	Journal of Physical Chemistry Letters	39,275	8.709	0.132690
65	Acta Crystallographica Section C-Structural Chemistry	7,598	8.678	0.008870
66	GREEN CHEMISTRY	38,174	8.586	0.056570
67	Laser & Photonics Reviews	5,403	8.529	0.016750
68	IEEE TRANSACTIONS ON FUZZY SYSTEMS	12,946	8.415	0.021280
69	BIOSENSORS & BIOELECTRONICS	48,853	8.173	0.069510
70	ACS Applied Materials & Interfaces	123,233	8.097	0.290430
71	Nano Research	12,540	7.994	0.026460
72	IEEE Transactions on Neural Networks and Learning Systems	19,867	7.982	0.035330
73	Acta Crystallographica A-Foundation and Advances	13,267	7.930	0.004990
74	APPLIED ENERGY	63,669	7.900	0.103980
75	JOURNAL OF CONTROLLED RELEASE	46,215	7.877	0.057970
76	Annual Review of Chemical and Biomolecular Engineering	1,476	7.674	0.003730
77	IEEE SIGNAL PROCESSING MAGAZINE	10,318	7.451	0.020010
78	Advanced Optical Materials	5,612	7.430	0.020260
79	ChemSusChem	19,946	7.411	0.042820
80	Nano-Micro Letters	1,382	7.381	0.002590

81	IEEE Transactions on Smart Grid	14,724	7.364	0.043410
82	ADVANCES IN COLLOID AND INTERFACE SCIENCE	12,918	7.346	0.012240
83	Advances in Catalysis	1,480	7.250	0.000390
84	Nanoscale	78,446	7.233	0.207490
85	NPG Asia Materials	3,364	7.208	0.009580
86	IEEE NETWORK	3,372	7.197	0.009100
87	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS	19,013	7.172	0.044350
88	CARBON	66,865	7.082	0.084580
89	WATER RESEARCH	76,647	7.051	0.072800
90	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	48,247	7.050	0.090300
91	2D Materials	3,284	7.042	0.011740
92	TRAC-TRENDS IN ANALYTICAL CHEMISTRY	13,524	7.034	0.020470
93	JOURNAL OF POWER SOURCES	113,385	6.945	0.140720
94	ACS Photonics	5,823	6.880	0.024540
95	Biofabrication	2,758	6.838	0.005720
96	IEEE TRANSACTIONS ON POWER ELECTRONICS	39,888	6.812	0.068360
97	JOURNAL OF CATALYSIS	45,347	6.759	0.034020
98	CHEMICAL ENGINEERING JOURNAL	73,657	6.735	0.104380
99	ENVIRONMENTAL SCIENCE & TECHNOLOGY	156,556	6.653	0.183730
100	DESALINATION	38,360	6.603	0.029360
101	CATALYSIS REVIEWS-SCIENCE AND ENGINEERING	3,208	6.600	0.001230
102	JOURNAL OF MEMBRANE SCIENCE	63,578	6.578	0.060530
103	CURRENT OPINION IN SOLID STATE & MATERIALS SCIENCE	3,736	6.548	0.005230
104	IUCrJ	1,189	6.544	0.006150
105	Acta Crystallographica Section B-Structural Science Crystal Engineering and Materials	11,143	6.467	0.006040
106	PROGRESS IN PHOTOVOLTAICS	8,021	6.456	0.013460
107	JOURNAL OF HAZARDOUS MATERIALS	88,496	6.434	0.068520
108	Acta Biomaterialia	30,640	6.383	0.049410
109	ENERGY CONVERSION AND MANAGEMENT	43,333	6.377	0.055420
110	CHEMICAL COMMUNICATIONS	190,160	6.290	0.332820
111	IEEE Transactions on Sustainable Energy	6,151	6.235	0.018590
112	Materials Research Letters	907	6.161	0.003260
113	ACS Sustainable Chemistry & Engineering	12,770	6.140	0.027900
114	IEEE TRANSACTIONS ON MEDICAL IMAGING	17,837	6.131	0.024200
115	AUTOMATICA	36,936	6.126	0.064880
116	Environmental Science-Nano	1,882	6.087	0.004480
117	ANALYTICAL CHEMISTRY	123,665	6.042	0.153250
118	IEEE Vehicular Technology Magazine	1,154	6.038	0.003230
119	ACTA MATERIALIA	63,701	6.036	0.083780
120	Nanophotonics	1,196	6.014	0.005120
121	ULTRASONICS SONOCHEMISTRY	14,026	6.012	0.014300
122	PROGRESS IN NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY	2,769	6.000	0.003980
123	LAB ON A CHIP	29,513	5.995	0.051340
124	Journal of Materials Chemistry C	29,929	5.976	0.076910
125	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS	27,391	5.888	0.061630
126	Environmental Science & Technology Letters	1,660	5.869	0.006270
127	IEEE Internet of Things Journal	2,205	5.863	0.006630
128	Biomaterials Science	3,295	5.831	0.008260
129	IEEE Transactions on Information Forensics and Security	7,294	5.824	0.019910
130	BIORESOURCE TECHNOLOGY	101,191	5.807	0.109450

131	CURRENT OPINION IN COLLOID & INTERFACE SCIENCE	6,919	5.785	0.007270
132	ACS Sensors	1,408	5.711	0.003700
133	MICROCHIMICA ACTA	10,258	5.705	0.010800
134	SENSORS AND ACTUATORS B-CHEMICAL	65,518	5.667	0.076000
134	Solid State Physics	2,099	5.667	0.000470
136	CRITICAL REVIEWS IN SOLID STATE AND MATERIALS SCIENCES	1,201	5.656	0.001400
137	JOURNAL OF CLEANER PRODUCTION	45,454	5.651	0.055420
138	Advanced Healthcare Materials	6,465	5.609	0.019660
139	Topics in Current Chemistry	6,184	5.537	0.012110
140	Journal of CO2 Utilization	1,686	5.503	0.003120
141	INTERNATIONAL JOURNAL OF PLASTICITY	10,827	5.502	0.014370
142	Biotechnology for Biofuels	7,769	5.497	0.020590
143	Advanced Electronic Materials	2,231	5.466	0.007630
144	CEMENT AND CONCRETE RESEARCH	27,771	5.430	0.017430
145	Global Change Biology Bioenergy	3,144	5.415	0.008330
146	Journal of Chemical Theory and Computation	27,284	5.399	0.068150
147	Catalysis Science & Technology	15,461	5.365	0.038110
148	PROCEEDINGS OF THE COMBUSTION INSTITUTE	13,253	5.336	0.015970
149	PURE AND APPLIED CHEMISTRY	14,326	5.294	0.008030
150	IEEE TRANSACTIONS ON POWER SYSTEMS	34,454	5.255	0.048200
151	IEEE Journal of Emerging and Selected Topics in Power Electronics	2,358	5.177	0.009960
152	CHEMISTRY-A EUROPEAN JOURNAL	93,574	5.160	0.182980
152	COMPOSITES SCIENCE AND TECHNOLOGY	27,661	5.160	0.019970
154	CARBOHYDRATE POLYMERS	53,857	5.158	0.064310
155	ADVANCED SYNTHESIS & CATALYSIS	21,445	5.123	0.034620
155	ANALYTICA CHIMICA ACTA	45,802	5.123	0.046110
157	RESOURCES CONSERVATION AND RECYCLING	9,946	5.120	0.008620
158	ELECTROCHIMICA ACTA	96,148	5.116	0.121230
159	Inorganic Chemistry Frontiers	2,147	5.106	0.005480
160	JOURNAL OF COLLOID AND INTERFACE SCIENCE	64,119	5.091	0.046010
161	FOOD HYDROCOLLOIDS	18,877	5.089	0.023150
162	Materials Science & Engineering C-Materials for Biological Applications	24,491	5.080	0.034620
163	IEEE TRANSACTIONS ON IMAGE PROCESSING	31,355	5.071	0.054090
164	Journal of Biomedical Nanotechnology	5,103	5.068	0.007570
165	SOLAR ENERGY MATERIALS AND SOLAR CELLS	27,711	5.018	0.032980
166	IEEE TRANSACTIONS ON AUTOMATIC CONTROL	44,822	5.007	0.059780

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