

<i>Rank</i>	<i>Full Journal Title</i>	<i>Total Cites</i>	<i>Journal Impact Factor</i>
1	<i>NATURE MATERIALS</i>	54,962	36.425
2	<i>Nature Photonics</i>	18,623	29.958
3	<i>ADVANCED MATERIALS</i>	107,567	15.409
4	<i>Advanced Energy Materials</i>	5,433	14.385
5	<i>NANO LETTERS</i>	103,399	12.940
6	<i>MATERIALS SCIENCE &amp; ENGINEERING R-REPORTS</i>	5,154	11.789
7	<i>ADVANCED FUNCTIONAL MATERIALS</i>	42,244	10.439
8	<i>Nano Energy</i>	971	10.211
9	<i>PROGRESS IN PHOTOVOLTAICS</i>	6,206	9.696
10	<i>Laser &amp; Photonics Reviews</i>	2,114	9.313
11	<i>Small</i>	22,483	7.514
12	<i>CURRENT OPINION IN SOLID STATE &amp; MATERIALS SCIENCE</i>	2,710	7.167
13	<i>Nano Research</i>	4,140	6.963
14	<i>Nanoscale</i>	16,387	6.739
15	<i>MRS BULLETIN</i>	5,546	5.069
16	<i>SOLAR ENERGY MATERIALS AND SOLAR CELLS</i>	21,671	5.030
17	<i>IEEE Transactions on Terahertz Science and Technology</i>	548	4.342
18	<i>ORGANIC ELECTRONICS</i>	7,421	3.676
19	<i>NANOTECHNOLOGY</i>	37,088	3.672
20	<i>APPLIED PHYSICS LETTERS</i>	222,683	3.515
21	<i>IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS</i>	7,564	3.465
22	<i>JOURNAL OF SYNCHROTRON RADIATION</i>	4,264	3.022

23	<i>IEEE Journal of Photovoltaics</i>	524	3.000
24	<i>LASER PHYSICS LETTERS</i>	2,919	2.964
24	<i>Plasma Processes and Polymers</i>	2,714	2.964
26	<i>Science of Advanced Materials</i>	1,139	2.908
27	<i>SUPERCONDUCTOR SCIENCE &amp; TECHNOLOGY</i>	6,174	2.796
28	<i>Applied Physics Express</i>	5,144	2.567
29	<i>APPLIED SURFACE SCIENCE</i>	38,858	2.538
30	<i>JOURNAL OF PHYSICS D-APPLIED PHYSICS</i>	30,453	2.521
31	<i>Nanoscale Research Letters</i>	5,927	2.481
32	<i>IEEE TRANSACTIONS ON ELECTRON DEVICES</i>	15,923	2.358
33	<i>Physica Status Solidi-Rapid Research Letters</i>	1,676	2.343
34	<i>Beilstein Journal of Nanotechnology</i>	559	2.332
35	<i>IEEE Photonics Journal</i>	1,439	2.330
36	<i>Nano-Micro Letters</i>	284	2.275
37	<i>MATERIALS LETTERS</i>	26,427	2.269
38	<i>SURFACE &amp; COATINGS TECHNOLOGY</i>	28,489	2.199
39	<i>JOURNAL OF APPLIED PHYSICS</i>	145,455	2.185
40	<i>EUROPEAN PHYSICAL JOURNAL E</i>	3,670	2.183
41	<i>IEEE PHOTONICS TECHNOLOGY LETTERS</i>	14,424	2.176
42	<i>JOURNAL OF VACUUM SCIENCE &amp; TECHNOLOGY A</i>	7,214	2.140
43	<i>IEEE JOURNAL OF QUANTUM ELECTRONICS</i>	9,913	2.113
44	<i>CURRENT APPLIED PHYSICS</i>	5,193	2.026
45	<i>JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS</i>	3,862	1.966
46	<i>Journal of Infrared Millimeter and Terahertz Waves</i>	733	1.891

47	<i>THIN SOLID FILMS</i>	43,169	1.867
48	<i>IEEE SENSORS JOURNAL</i>	5,253	1.852
49	<i>MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING</i>	1,166	1.761
50	<i>LASER AND PARTICLE BEAMS</i>	1,369	1.701
51	<i>GRANULAR MATTER</i>	1,041	1.697
52	<i>APPLIED PHYSICS A-MATERIALS SCIENCE &amp; PROCESSING</i>	13,200	1.694
53	<i>JOURNAL OF CRYSTAL GROWTH</i>	26,415	1.693
54	<i>Journal of Display Technology</i>	1,481	1.686
55	<i>JOURNAL OF ELECTRONIC MATERIALS</i>	6,636	1.675
56	<i>Recent Patents on Nanotechnology</i>	209	1.667
57	<i>METROLOGIA</i>	2,297	1.653
58	<i>OPTICS AND LASER TECHNOLOGY</i>	3,145	1.649
59	<i>APPLIED PHYSICS B-LASERS AND OPTICS</i>	9,957	1.634
60	<i>IEEE TRANSACTIONS ON NANOTECHNOLOGY</i>	2,070	1.619
61	<i>PLASMA CHEMISTRY AND PLASMA PROCESSING</i>	1,782	1.599
62	<i>AIP Advances</i>	1,143	1.590
63	<i>REVIEW OF SCIENTIFIC INSTRUMENTS</i>	24,499	1.584
64	<i>IEEE TRANSACTIONS ON DEVICE AND MATERIALS RELIABILITY</i>	1,267	1.544
65	<i>PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE</i>	10,134	1.525
66	<i>SOLID-STATE ELECTRONICS</i>	6,740	1.514
67	<i>MODELLING AND SIMULATION IN MATERIALS SCIENCE AND ENGINEERING</i>	2,181	1.492
68	<i>Journal of X-Ray Science and Technology</i>	420	1.462
69	<i>INFRARED PHYSICS &amp; TECHNOLOGY</i>	1,760	1.460

70	<i>Nanoscience and Nanotechnology Letters</i>	604	1.444
71	<i>PHILOSOPHICAL MAGAZINE</i>	10,254	1.427
72	<i>VACUUM</i>	5,274	1.426
73	<i>JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS</i>	1,905	1.395
74	<i>Journal of Photonics for Energy</i>	171	1.381
75	<i>Journal of Computational Electronics</i>	426	1.372
76	<i>JOURNAL OF VACUUM SCIENCE &amp; TECHNOLOGY B</i>	10,304	1.358
77	<i>Photonics and Nanostructures-Fundamentals and Applications</i>	540	1.350
78	<i>JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY</i>	11,581	1.339
79	<i>JOURNAL OF LASER APPLICATIONS</i>	479	1.338
79	<i>MICROELECTRONIC ENGINEERING</i>	7,371	1.338
81	<i>IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY</i>	7,257	1.324
82	<i>OPTO-ELECTRONICS REVIEW</i>	638	1.279
83	<i>NANO</i>	384	1.260
84	<i>IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION</i>	4,071	1.228
85	<i>MICROELECTRONICS RELIABILITY</i>	4,135	1.214
86	<i>IEEE TRANSACTIONS ON MAGNETICS</i>	17,807	1.213
87	<i>Chalcogenide Letters</i>	502	1.184
88	<i>HIGH TEMPERATURE</i>	1,322	1.156
89	<i>PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS</i>	6,980	1.110
90	<i>JAPANESE JOURNAL OF APPLIED PHYSICS</i>	27,921	1.057
91	<i>Journal of Experimental Nanoscience</i>	363	1.043
92	<i>JOURNAL OF LOW TEMPERATURE PHYSICS</i>	3,102	1.036

93	<i>Journal of Computational and Theoretical Nanoscience</i>	1,728	1.032
94	<i>LASER PHYSICS</i>	2,877	1.025
95	<i>Radiophysics and Quantum Electronics</i>	897	1.014
96	<i>IEEE TRANSACTIONS ON SEMICONDUCTOR MANUFACTURING</i>	1,139	0.977
97	<i>Nanoscale and Microscale Thermophysical Engineering</i>	150	0.972
98	<i>JOURNAL OF RESEARCH OF THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY</i>	1,884	0.956
99	<i>MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS</i>	2,026	0.952
100	<i>Nanomaterials and Nanotechnology</i>	39	0.949
101	<i>CRYOGENICS</i>	1,997	0.935
102	<i>Journal of Superconductivity and Novel Magnetism</i>	1,571	0.930
103	<i>ECS Journal of Solid State Science and Technology</i>	270	0.917
104	<i>QUANTUM ELECTRONICS</i>	2,546	0.886
105	<i>LOW TEMPERATURE PHYSICS</i>	1,412	0.881
106	<i>Journal of the Society for Information Display</i>	850	0.798
107	<i>EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS</i>	1,544	0.789
108	<i>ECS Solid State Letters</i>	84	0.781
109	<i>FLUCTUATION AND NOISE LETTERS</i>	340	0.770
110	<i>INTERNATIONAL JOURNAL OF APPLIED ELECTROMAGNETICS AND MECHANICS</i>	717	0.737
111	<i>Journal of Laser Micro Nanoengineering</i>	272	0.731
112	<i>MODERN PHYSICS LETTERS B</i>	1,353	0.687
113	<i>ATOMIZATION AND SPRAYS</i>	719	0.644
114	<i>INTERNATIONAL JOURNAL OF THERMOPHYSICS</i>	2,849	0.623

115	<i>Journal of Semiconductor Technology and Science</i>	155	0.619
116	<i>Topics in Applied Physics</i>	1,199	0.615
117	<i>Journal of Zhejiang University-SCIENCE A</i>	744	0.608
118	<i>TECHNICAL PHYSICS LETTERS</i>	1,812	0.583
119	<i>Advances in Imaging and Electron Physics</i>	295	0.582
120	<i>JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS</i>	2,346	0.563
121	<i>Sensor Letters</i>	1,035	0.558
122	<i>TECHNICAL PHYSICS</i>	2,191	0.539
123	<i>Journal of Ovonic Research</i>	105	0.537
124	<i>Quantitative InfraRed Thermography Journal</i>	66	0.533
125	<i>Journal of Nano Research</i>	214	0.515
126	<i>JOURNAL OF NONLINEAR OPTICAL PHYSICS &amp; MATERIALS</i>	294	0.480
127	<i>MAPAN-Journal of Metrology Society of India</i>	119	0.477
128	<i>INTERNATIONAL JOURNAL OF MODERN PHYSICS B</i>	2,748	0.455
129	<i>Romanian Journal of Information Science and Technology</i>	86	0.453
130	<i>International Journal of Surface Science and Engineering</i>	74	0.448
131	<i>INTEGRATED FERROELECTRICS</i>	783	0.371
132	<i>Journal of Nanoelectronics and Optoelectronics</i>	226	0.369
133	<i>Journal of Magnetism</i>	132	0.318
134	<i>Journal of Applied Mechanics and Technical Physics</i>	757	0.268
135	<i>SOLID STATE TECHNOLOGY</i>	262	0.247
136	<i>Journal of Materials Chemistry C</i>	926	Not Available