

LIST OF TOP 100 JOURNAL TITLE BASED ON IMPACT FACTOR COLLEGE OF SCIENCES:

SUBJECT CATEGORY: **Physics, Applied**

Rank	Abbreviated Journal Title <i>(linked to journal information)</i>	ISSN	JCR Data 2016					
			Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-life
1	NAT MATER	1476-1122	81831	39.737	167	35573	6.5	8.331
2	NAT PHOTONICS	1749-4885	35595	37.852	115	23268	4.4	6.826
3	MAT SCI ENG R	0927-796X	6361	29.280	0	1361	>10	5.083
4	ADV MATER	0935-9648	160622	19.791	1084	87954	5.1	3.998
5	ADV ENERGY MATER	1614-6832	22073	16.721	360	20324	2.6	4.327
6	APPL PHYS REV	1931-9401	891	13.667	0	820	2.2	1.771
7	NANO LETT	1530-6984	141715	12.712	1170	77094	5.4	2.211
8	NANO ENERGY	2211-2855	13433	12.343	585	12149	2	2.091
9	ADV FUNCT MATER	1616-301X	67188	12.124	868	41055	4.5	2.258
10	NPJ QUANTUM INFORM	2056-6387	121	9.111	20	82	1.3	1.560
11	SMALL	1613-6810	35042	8.643	594	21869	4.3	1.769
12	LASER PHOTONICS REV	1863-8880	4571	8.434	73	3242	3.8	1.898
13	NANOSCALE	2040-3364	62577	7.367	2083	56083	2.8	1.623
14	NANO RES	1998-0124	9155	7.354	339	6489	3.4	1.111
15	CURR OPIN SOLID ST M	1359-0286	3434	6.938	0	1224	10	1.051
16	ACS PHOTONICS	2330-4022	3354	6.756	329	2887	1.8	1.347
17	PROG PHOTOVOLTAICS	1062-7995	7971	6.726	142	4447	4.8	2.392
18	J MATER CHEM C	2050-7526	21022	5.256	1237	19279	2.2	1.312
19	MRS BULL	0883-7694	7089	5.199	90	2953	7.5	0.733
20	NANO-MICRO LETT	2311-6706	889	4.849	35	750	2.9	0.975
21	PHYS REV APPL	2331-7019	1740	4.808	248	1524	1.8	0.863
22	SOL ENERG MAT SOL C	0927-0248	26881	4.784	585	12313	6.2	1.436
23	NANOPHOTONICS-BERLIN	2192-8606	673	4.492	20	641	3.2	0.914
24	APL MATER	2166-532X	2374	4.335	185	2163	2.4	0.935
25	ADV ELECTRON MATER	2199-160X	815	4.193	217	566	1.3	1.104
26	IEEE J SEL TOP QUANT	1077-260X	9422	3.971	169	3883	6.9	1.439
27	IEEE J PHOTOVOLT	2156-3381	3343	3.712	230	3150	2.7	0.770
28	NANOTECHNOLOGY	0957-4484	39657	3.440	1125	16896	6.6	0.692
29	APPL PHYS LETT	0003-6951	227481	3.411	3046	77626	8.4	0.698
30	METROLOGIA	0026-1394	3566	3.411	102	1479	7.3	0.935
31	ORG ELECTRON	1566-1199	11069	3.399	498	7494	4.1	0.917

32	APPL SURF SCI	0169-4332	61457	3.387	2152	34637	4.9	0.850
33	NANOSC MICROSC THERM	1556-7265	314	3.182	11	221	3.9	0.250
34	BEILSTEIN J NANOTECH	2190-4286	2588	3.127	185	2416	2.6	0.320
35	PHYS STATUS SOLIDI-R	1862-6254	2706	3.032	119	1928	3.6	0.805
36	J SYNCHROTRON RADIAT	1600-5775	5519	3.011	185	2255	7.4	0.865
37	IEEE T THZ SCI TECHN	2156-342X	1631	2.940	107	1508	3.3	0.776
38	SUPERCOND SCI TECH	0953-2048	6589	2.878	245	3163	5.9	0.710
39	PLASMA PROCESS POLYM	1612-8850	3598	2.846	112	1691	6.1	0.629
40	NANOSCALE RES LETT	1556-276X	12037	2.833	524	9505	4.3	0.443
41	APPL PHYS EXPRESS	1882-0778	7521	2.667	391	5268	4.2	0.578
42	IEEE T ELECTRON DEV	0018-9383	21765	2.605	734	8513	7.9	0.536
43	SURF COAT TECH	0257-8972	32512	2.589	907	11161	8.5	0.406
44	J PHYS D APPL PHYS	0022-3727	35383	2.588	1073	11530	8.1	0.535
45	MATER LETT	0167-577X	37918	2.572	1889	19477	5.2	0.707
46	J INFRARED MILLIM TE	1866-6892	1336	2.540	104	1053	4.2	0.346
47	LASER PHYS LETT	1612-2011	3602	2.537	236	2546	3.5	0.576
48	IEEE SENS J	1530-437X	11167	2.512	1044	7371	4	0.456
49	IEEE T NANOTECHNOL	1536-125X	3100	2.485	124	1815	5	0.460
50	PROG ELECTROMAGN RES	1559-8985	3719	2.404	20	1952	5.8	0.350
51	IEEE PHOTONIC TECH L	1041-1135	15577	2.375	714	6525	6.9	0.591
52	MAT SCI SEMICON PROC	1369-8001	4978	2.359	386	4022	2.3	0.826
53	PLASMA CHEM PLASMA P	0272-4324	2402	2.355	91	826	8.5	0.553
54	IEEE PHOTONICS J	1943-0655	3712	2.291	455	3122	3	0.609
55	J PHOTON ENERGY	1947-7988	436	2.287	21	398	2.5	0.800
56	J MICROELECTROMECH S	1057-7157	6337	2.124	118	1863	9.3	0.445
57	IEEE T DIELECT EL IN	1070-9878	9056	2.115	438	3606	7.5	0.186
58	OPT LASER TECHNOL	0030-3992	4770	2.109	281	3060	4.1	0.639
59	J APPL PHYS	0021-8979	155586	2.068	2312	43324	>10	0.469
60	J MATER SCI-MATER EL	0957-4522	9160	2.019	1744	6341	2.6	0.502
61	CURR APPL PHYS	1567-1739	6828	1.971	255	4164	5.2	0.465
62	MODEL SIMUL MATER SC	0965-0393	3740	1.891	130	1365	7	0.300
63	NANOSCI NANOTECH LET	1941-4900	1205	1.889	186	1115	2.5	0.209
64	THIN SOLID FILMS	0040-6090	42044	1.879	794	11614	9.5	0.347
65	IEEE J QUANTUM ELECT	0018-9197	9316	1.852	82	1333	>10	0.768
66	MICROELECTRON ENG	0167-9317	8009	1.806	330	3733	6.2	0.482
67	J MICROMECH MICROENG	0960-1317	10058	1.794	173	3290	8.1	0.412
68	ECS J SOLID STATE SC	2162-8769	1866	1.787	326	1714	2.8	0.437
69	PHYS STATUS SOLIDI A	1862-6300	11145	1.775	430	3442	>10	0.500
70	GRANUL MATTER	1434-5021	1564	1.762	85	763	6	0.318
71	J CRYST GROWTH	0022-0248	26163	1.751	526	5973	>10	0.413
72	INFRARED PHYS TECHN	1350-4495	2935	1.713	258	1449	5.2	0.477

73	PHOTONIC NANOSTRUCT	1569-4410	673	1.705	37	444	4.6	0.231
74	APPL PHYS B-LASERS O	0946-2171	10292	1.696	279	3244	8.6	0.434
75	APPL SCI-BASEL	2076-3417	591	1.679	409	486	2	0.241
76	SCI ADV MATER	1947-2935	2205	1.671	354	2007	2.7	0.181
77	IEEE MAGN LETT	1949-307X	323	1.644	67	273	3	0.313
78	IEEE T APPL SUPERCON	1051-8223	8975	1.583	988	4771	5.3	0.292
79	SOLID STATE ELECTRON	0038-1101	7235	1.580	215	1972	>10	0.631
80	J ELECTRON MATER	0361-5235	8947	1.579	818	4105	6.2	0.313
81	IEEE T DEVICE MAT RE	1530-4388	1769	1.575	84	760	7	0.213
82	J VAC SCI TECHNOL B	1071-1023	9371	1.573	290	2121	>10	0.352
83	AIP ADV	2158-3226	4463	1.568	1267	4059	2.4	0.307
84	NANOMATER NANOTECHNO	1847-9804	244	1.536	45	230	3.2	0.213
85	VACUUM	0042-207X	6539	1.530	310	2460	7.6	0.521
86	J DISP TECHNOL	1551-319X	2207	1.530	254	1188	5.2	0.310
87	J COMPUT ELECTRON	1569-8025	852	1.526	167	596	3.4	0.190
88	REV SCI INSTRUM	0034-6748	28906	1.515	1527	9221	9.5	0.365
89	PHILOS MAG	1478-6435	11915	1.505	228	2139	>10	0.537
90	J LASER APPL	1042-346X	905	1.492	101	425	5.6	0.436
91	J NANOSCI NANOTECHNO	1533-4880	14161	1.483	2009	8850	4.4	0.187
92	CRYOGENICS	0011-2275	2570	1.465	130	708	>10	0.359
93	EUR PHYS J E	1292-8941	3838	1.464	96	1133	9.3	0.711
94	APPL PHYS A-MATER	0947-8396	14686	1.455	1060	5351	8	0.340
95	OPTO-ELECTRON REV	1230-3402	693	1.449	28	301	6.6	0.107
96	NANOTECHNOL REV	2191-9089	283	1.438	16	263	3.2	0.465
97	LASER PART BEAMS	0263-0346	1256	1.420	85	489	7.7	0.176
98	PHYSICA C	0921-4534	5961	1.404	145	1360	>10	0.182
99	JPN J APPL PHYS	0021-4922	28540	1.384	1361	8144	>10	0.286
100	J VAC SCI TECHNOL A	0734-2101	6827	1.374	239	1952	>10	0.510