Rank	Abbreviated Journal Title *(linked to journal information)*	ISSN	Total Cites	Impact Factor	Immediacy Index	Articles	Cited Half-life
1	NAT MATER	1476-1122	5450	15.941	3.321	140	2.2
2	MAT SCI ENG R	0927-796X	2313	10.517	0.909	11	5.4
3	ADV FUNCT MATER	1616-301X	3406	6.770	0.890	255	2.6
4	APPL PHYS LETT	0003-6951	123517	4.127	0.551	4414	5.3
5	MRS BULL	0883-7694	3299	3.944	0.715	130	5.4
6	PROG PHOTOVOLTAICS	1062-7995	820	3.409	0.188	64	3.8
7	NANOTECHNOLOGY	0957-4484	4256	2.993	0.350	632	2.9
8	PLASMA PROCESS POLYM	1612-8850	67	2.846	0.423	71	
9	CURR OPIN SOLID ST M	1359-0286	1634	2.770			4.6
10	LASER PART BEAMS	0263-0346	997	2.590	1.091	77	3.1
11	EUR PHYS J E	1292-8941	2023	2.503	0.293	147	3.4
12	J APPL PHYS	0021-8979	88927	2.498	0.363	3453	7.7
13	IEEE J QUANTUM ELECT	0018-9197	9796	2.452	0.360	200	>10.0
14	ORG ELECTRON	1566-1199	340	2.429	0.200	30	3.2
15	J SYNCHROTRON RADIAT	0909-0495	1893	2.392	0.558	120	4.9
16	IEEE PHOTONIC TECH L	1041-1135	11726	2.266	0.425	913	4.8
17	IEEE T NANOTECHNOL	1536-125X	585	2.112	0.551	107	2.8
18	IEEE T ELECTRON DEV	0018-9383	9752	2.105	0.235	396	7.7
19	APPL PHYS B-LASERS O	0946-2171	5704	2.056	0.412	325	5.3
20	APPL PHYS A-MATER	0947-8396	7631	1.990	0.351	598	4.9

21	J PHYS D APPL PHYS	0022-3727	10511	1.957	0.341	630	6.6
22	SUPERCOND SCI TECH	0953-2048	3376	1.896	0.350	343	3.7
23	PLASMA CHEM PLASMA P	0272-4324	768	1.843	0.317	41	7.2
24	J OPT B-QUANTUM S O	1464-4266	1274	1.691	0.404	171	2.8
25	SURF COAT TECH	0257-8972	12188	1.646	0.146	1042	5.4
26	J VAC SCI TECHNOL B	1071-1023	10589	1.626	0.132	570	6.6
27	THIN SOLID FILMS	0040-6090	23086	1.569	0.238	1225	6.6
28	GRANUL MATTER	1434-7636	237	1.517	0.130	23	4.0
29	METROLOGIA	0026-1394	1395	1.479	0.382	102	7.0
30	PHILOS MAG	1478-6435	5207	1.470	0.208	255	>10.0

31	J VAC SCI TECHNOL A	0734-2101	7468	1.399	0.208	284	8.7
32	J ELECTRON MATER	0361-5235	3244	1.358	0.191	241	5.8
33	MICROELECTRON ENG	0167-9317	3199	1.347	0.165	442	3.7
34	MATER LETT	0167-577X	5812	1.299	0.173	873	3.8
35	APPL SURF SCI	0169-4332	11631	1.263	0.187	1168	5.0
36	SOLID STATE ELECTRON	0038-1101	4386	1.247	0.189	301	7.6
37	REV SCI INSTRUM	0034-6748	15216	1.235	0.291	818	7.7
38	MODEL SIMUL MATER SC	0965-0393	851	1.200	0.163	98	5.8
39	J OPTOELECTRON ADV M	1454-4164	754	1.138	0.153	476	2.5
40	IEEE SENS J	1530-437X	471	1.100	0.065	186	2.9

41	JPN J APPL PHYS	0021-4922	26260	1.096	0.150	2334	6.6
42	SENS LETT	1546-198X	64	1.085	0.000	45	
43	IEEE T APPL SUPERCON	1051-8223	4458	1.071	0.171	932	4.4
44	INFRARED PHYS TECHN	1350-4495	681	1.051	0.067	60	8.0
45	IEEE T DEVICE MAT RE	1530-4388	180	1.044	0.136	81	1.9
46	PHYS STATUS SOLIDI A	0031-8965	6429	1.041	0.184	483	8.0
47	IEEE T MAGN	0018-9464	10576	1.014	0.105	1053	7.1
48	CURR APPL PHYS	1567-1739	491	1.000	0.260	131	2.7
49	TOP APPL PHYS	0303-4216	756	0.974	0.188	32	9.0
50	PHYSICA C	0921-4534	9249	0.948	0.110	535	5.3

51	MICROSCALE THERM ENG	1089-3954	261	0.941	0.083	24	4.7
52	INT J THERMOPHYS	0195-928X	1461	0.940	0.083	133	7.4
53	VACUUM	0042-207X	2626	0.909	0.096	271	5.5
54	MAT SCI SEMICON PROC	1369-8001	449	0.884	0.260	104	4.1
55	IEEE T SEMICONDUCT M	0894-6507	750	0.774	0.155	84	7.1
56	LOW TEMP PHYS+	1063-777X	1162	0.769	0.213	141	7.8
57	CRYOGENICS	0011-2275	1146	0.762	0.219	96	9.5
58	J LOW TEMP PHYS	0022-2291	2530	0.753	0.254	264	8.9
59	MICROELECTRON RELIAB	0026-2714	1367	0.724	0.160	281	4.4
60	QUANTUM ELECTRON+	1063-7818	2082	0.722	0.130	208	9.3

61	MICROSYST TECHNOL	0946-7076	607	0.720	0.053	208	4.1
62	OPT LASER TECHNOL	0030-3992	688	0.709	0.048	105	5.0
63	LASER PHYS	1054-660X	994	0.684	0.180	244	4.2
64	FLUCT NOISE LETT	0219-4775	193	0.650	0.141	64	3.2
65	MOD PHYS LETT B	0217-9849	601	0.621	0.042	213	5.5
66	ATOMIZATION SPRAY	1044-5110	363	0.610	0.167	36	8.3
67	J SUPERCOND	0896-1107	581	0.553	0.149	94	4.6
68	EUR PHYS J-APPL PHYS	1286-0042	580	0.546	0.123	122	4.5
69	TECH PHYS LETT+	1063-7850	1371	0.530	0.076	342	5.8
70	SOLID STATE PHENOM	1012-0394	657	0.493	0.065	400	3.7

71	ADV IMAG ELECT PHYS	1076-5670	122	0.462	0.111	18	3.9
71	J NONLINEAR OPT PHYS	0218-8635	280	0.462	0.055	55	5.2
73	TECH PHYS+	1063-7842	1455	0.448	0.128	290	8.1
74	INT J MOD PHYS B	0217-9792	2148	0.381	0.035	521	5.6
75	SOLID STATE TECHNOL	0038-111X	472	0.365	0.105	86	8.5
76	INTEGR FERROELECTR	1058-4587	984	0.345	0.029	207	5.5
77	INT J INFRARED MILLI	0195-9271	545	0.337	0.097	134	6.2
78	INT J APPL ELECTROM	1383-5416	246	0.316	0.000	39	6.0
79	HIGH TEMP+	0018-151X	662	0.302	0.029	104	>10.0
80	J ELECTROMAGNET WAVE	0920-5071	430	0.285	0.082	146	6.9

81	J HOPKINS APL TECH D	0270-5214	127	0.167	0.000	9	6.9
82	VIDE	1266-0167	44	0.059		0	
83	SMALL	1613-6810	214		1.255	165	0.5