



جامعة طيبة
عمادة شؤون المكتبات

Journal Citation Reports®

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

SUBJECT CATEGORY: **PHYSICS**

Rank	Abbreviated Journal Title (linked to journal information)	ISSN	JCR Data 2014					Cited Half-life
			Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	
1	Nature Materials	1476-1122	64622	36.503	44.046	7.242	146	6.1
2	Nature Photonics	1749-4885	23499	32.386	33.413	7.208	113	3.9
3	Advanced Materials	0935-9648	128805	17.493	18.172	3.441	905	5
4	Advanced Energy Materials	1614-6832	10129	16.146	16.581	3.266	307	2.4
5	Materials Science & Engineering R-Reports	0927-796X	5625	15.500	21.676	6.917	0	10
6	Nano Letters	1530-6984	118534	13.592	14.887	2.552	1103	4.9
7	Advanced Functional Materials	1616-301X	51895	11.805	12.311	2.234	808	4.6
8	Nano Energy	2211-2855	2755	10.325	10.355	1.611	210	1.8
9	Small	1613-6810	26638	8.368	8.646	1.704	547	4.3
10	Laser & Photonics Reviews	1863-8880	2793	8.008	8.532	1.967	74	3.4
11	Progress In Photovoltaics	1062-7995	7188	7.584	7.624	3.116	129	4.1
12	Nanoscale	2040-3364	30888	7.394	7.762	1.499	1773	2.2
13	Nano Research	1998-0124	5222	7.010	8.387	1.374	168	3.9
14	Current Opinion In Solid State & Materials Science	1359-0286	3068	6.235	6.656	0.613	0	>10
15	Nanophotonics	2192-8606	301	5.686	5.686	0.370	6	2.1
16	Mrs Bulletin	0883-7694	6108	5.667	5.418	0.989	92	7
17	Solar Energy Materials And Solar Cells	0927-0248	25351	5.337	5.755	1.042	519	5.6
18	Journal Of Materials Chemistry C	2050-7526	5889	4.696	4.701	1.139	1216	1.3
19	Organic Electronics	1566-1199	9341	3.827	3.971	0.793	497	3.5
20	Nanotechnology	0957-4484	39246	3.821	3.885	0.678	755	5.5
21	Applied Physics Letters	0003-6951	229122	3.302	3.569	0.655	5042	7.4

22	Ieee Journal Of Photovoltaics	2156-3381	1373	3.165	3.170	1.190	234	1.7
23	Ieee Journal Of Selected Topics In Quantum Electronics	1077-260X	7868	2.828	3.387	1.914	182	6.3
24	Nanoscale Research Letters	1556-276X	7950	2.779	3.008	0.324	652	3.3
25	Journal Of Synchrotron Radiation	0909-0495	4613	2.736	2.642	0.915	176	8.9
26	Journal Of Physics D-Applied Physics	0022-3727	32129	2.721	2.711	0.632	805	7
27	Applied Surface Science	0169-4332	44262	2.711	2.735	0.507	2430	5.3
28	Beilstein Journal Of Nanotechnology	2190-4286	1005	2.670	2.903	0.422	214	2.5
29	Science Of Advanced Materials	1947-2935	1710	2.598	2.436	0.503	378	2
30	Recent Patents On Nanotechnology	1872-2105	269	2.575	2.144	0.133	14	4.4
31	Materials Letters	0167-577X	31144	2.489	2.466	0.538	1887	6
32	Ieee Transactions On Electron Devices	0018-9383	17052	2.472	2.512	0.386	627	7.7
33	Laser Physics Letters	1612-2011	3138	2.458	2.336	0.782	280	3.3
34	Plasma Processes And Polymers	1612-8850	2799	2.453	2.417	0.397	114	5.1
35	Applied Physics Express	1882-0778	5966	2.365	2.429	0.537	419	3.5
36	Superconductor Science & Technology	0953-2048	5347	2.325	2.045	0.590	224	5.6
37	Journal Of Vacuum Science & Technology A	0734-2101	6984	2.322	1.857	0.371	215	>10
38	Journal Of Display Technology	1551-319X	1798	2.241	2.262	0.371	140	4.5
39	Current Applied Physics	1567-1739	6101	2.212	2.184	0.394	348	3.9
40	Ieee Photonics Journal	1943-0655	1922	2.209	2.210	0.404	254	2.5
41	Journal Of Applied Physics	0021-8979	153583	2.183	2.276	0.452	4259	9.5
42	Ieee Transactions On Terahertz Science And Technology	2156-342X	751	2.177	3.406	0.415	82	2.9
43	Modelling And Simulation In Materials Science And Engineering	0965-0393	2987	2.167	2.696	0.468	154	6.2
44	Physica Status Solidi-Rapid Research Letters	1862-6254	2040	2.142	2.115	0.911	175	3.4
45	Ieee Photonics Technology Letters	1041-1135	14028	2.110	1.886	0.532	617	6.9
46	Plasma Chemistry And Plasma Processing	0272-4324	1829	2.056	1.887	0.455	83	7.7
47	Metrologia	0026-1394	2756	2.041	1.978	0.664	104	7.7
48	Surface & Coatings Technology	0257-8972	30002	1.998	2.374	0.307	851	8.2
49	Nano-Micro Letters	2311-6706	339	1.975	1.817	0.286	36	3
50	Materials Science In Semiconductor Processing	1369-8001	1916	1.955	1.806	0.405	512	2.7

51	Journal Of Infrared Millimeter And Terahertz Waves	1866-6892	804	1.942	1.298	0.524	79	3.1
52	Ieee Transactions On Device And Materials Reliability	1530-4388	1475	1.890	1.888	0.238	147	6.4
53	Ieee Journal Of Quantum Electronics	0018-9197	9237	1.887	1.737	0.532	111	>10
54	Vacuum	0042-207X	5879	1.858	1.647	0.673	413	6.9
55	Applied Physics B- Lasers And Optics	0946-2171	10317	1.856	1.841	0.416	401	7.2
56	Ieee Transactions On Nanotechnology	1536-125X	2381	1.825	1.882	0.323	161	4.7
57	Philosophical Magazine	1478-6435	11044	1.825	1.705	0.456	252	>10
58	Journal Of Electronic Materials	0361-5235	7438	1.798	1.770	0.254	619	5.6
59	Journal Of Laser Applications	1042-346X	587	1.798	1.356	0.108	36	8.2
60	Granular Matter	1434-5021	1171	1.775	1.994	0.524	82	4.9
61	Ieee Sensors Journal	1530-437X	6154	1.762	1.901	0.326	531	4.1
62	Thin Solid Films	0040-6090	43623	1.759	1.922	0.383	1206	8.5
63	European Physical Journal E	1292-8941	3586	1.757	1.831	0.283	112	8.3
64	Applied Physics A- Materials Science & Processing	0947-8396	13670	1.704	1.710	0.286	944	7.8
65	Journal Of Crystal Growth	0022-0248	25749	1.698	1.632	0.363	703	9.9
66	Ieee Magnetics Letters	1949-307X	136	1.692	1.833	0.154	26	3
67	Opto-Electronics Review	1230-3402	681	1.667	1.162	0.515	33	6.4
68	Optics And Laser Technology	0030-3992	3621	1.647	1.540	0.655	308	3.6
69	Physica Status Solidi A-Applications And Materials Science	1862-6300	10701	1.616	1.481	0.385	442	9.5
70	Review Of Scientific Instruments	0034-6748	26103	1.614	1.618	0.319	1522	9.2
71	Journal Of Materials Science-Materials In Electronics	0957-4522	4521	1.569	1.456	0.348	792	3.5
72	Ecs Journal Of Solid State Science And Technology	2162-8769	807	1.558	1.558	0.362	222	1.6
73	Journal Of Nanoscience And Nanotechnology	1533-4880	13770	1.556	1.234	0.592	1235	3.7
74	Infrared Physics & Technology	1350-4495	1957	1.550	1.492	0.332	212	7.8
75	Aip Advances	2158-3226	1851	1.524	1.616	0.322	561	2.3
76	Journal Of Computational Electronics	1569-8025	531	1.520	1.441	0.223	112	3.7
77	Solid-State Electronics	0038-1101	6757	1.504	1.481	0.313	181	>10
78	Applied Sciences-Basel	****-****	145	1.484	1.474	0.152	28	2

79	Photonics And Nanostructures- Fundamentals And Applications	1569-4410	581	1.474	1.490	0.368	55	3.8
80	Journal Of Vacuum Science & Technology B	1071-1023	9961	1.464	1.188	0.366	279	>10
81	Microelectronics Reliability	0026-2714	4590	1.433	1.336	0.154	415	5.8
82	Nanoscience And Nanotechnology Letters	1941-4900	868	1.431	1.248	0.124	183	2.5
83	Journal Of X-Ray Science And Technology	0895-3996	467	1.398	1.304	0.233	60	4.9
84	Ieee Transactions On Magnetism	0018-9464	18845	1.386	1.395	0.169	1350	8.4
85	Nanoscale And Microscale Thermophysical Engineering	1556-7265	216	1.381	1.407	0.500	17	4.5
86	Journal Of Photonics For Energy	1947-7988	197	1.366	1.407	0.206	27	2.9
87	Journal Of Computational And Theoretical Nanoscience	1546-1955	2503	1.343	1.066	0.520	366	3
88	Laser And Particle Beams	0263-0346	1226	1.295	1.315	0.284	81	7
89	Ieee Transactions On Dielectrics And Electrical Insulation	1070-9878	4991	1.278	1.550	0.113	301	7.2
90	Nanotechnology Reviews	2191-9089	99	1.273	1.273	0.455	12	0
91	Ieee Transactions On Applied Superconductivity	1051-8223	6699	1.235	1.001	0.371	578	5.3
92	Progress In Electromagnetics Research-Pier	1559-8985	3254	1.229	1.392	0.367	120	4.3
93	Microelectronic Engineering	0167-9317	7537	1.197	1.295	0.310	408	5.8
94	Cryogenics	0011-2275	2232	1.168	1.119	0.147	150	>10
95	Ecs Solid State Letters	2162-8742	253	1.162	1.178	0.343	99	1.7
96	Japanese Journal Of Applied Physics	0021-4922	27913	1.127	0.949	0.267	1423	9.5
97	Journal Of Research Of The National Institute Of Standards And Technology	1044-677X	1981	1.125	1.472	0.000	11	>10
98	Nano	1793-2920	506	1.090	1.227	0.319	111	3.6
99	Quantitative Infrared Thermography Journal	1768-6733	110	1.071	0.959	0.067	15	4.4
100	Laser Physics	1054-660X	2728	1.032	0.910	0.356	330	4.6