

**PERPUSTAKAAN UTM 2015**  
**Categories: PHYSICS, APPLIED**  
**Quartiles: Q2 by WoS**

Rank	Full Journal Title	JCR Abbreviated Title	ISSN	Total Cites	Journal Impact Factor	Impact Factor without Journal Self Cites	5-Year Impact Factor
1	SUPERCONDUCTOR SCIENCE & TECHNOLOGY	SUPERCOND SCI TECH	0953-2048	5,347	2.325	1.67	2.045
2	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A	J VAC SCI TECHNOL A	0734-2101	6,984	2.322	2.038	1.857
3	JOURNAL OF DISPLAY TECHNOLOGY	J DISP TECHNOL	1551-319X	1,798	2.241	1.841	2.262
4	CURRENT APPLIED PHYSICS	CURR APPL PHYS	1567-1739	6,101	2.212	2.123	2.184
5	IEEE PHOTONICS JOURNAL	IEEE PHOTONICS J	1943-0655	1,922	2.209	2.059	2.21
6	JOURNAL OF APPLIED PHYSICS	J APPL PHYS	0021-8979	153,583	2.183	1.873	2.276
7	IEEE TRANSACTIONS ON TERAHERTZ SCIENCE AND TECHNOLOGY	IEEE T THZ SCI TECHN	2156-342X	751	2.177	1.744	3.406
8	MODELLING AND SIMULATION IN MATERIALS SCIENCE AND ENGINEERING	MODEL SIMUL MATER SC	0965-0393	2,987	2.167	1.98	2.696
9	PHYSICA STATUS SOLIDI-RAPID RESEARCH LETTERS	PHYS STATUS SOLIDI-R	1862-6254	2,040	2.142	2.05	2.115
10	IEEE PHOTONICS TECHNOLOGY LETTERS	IEEE PHOTONIC TECH L	1041-1135	14,028	2.11	1.929	1.886
11	PLASMA CHEMISTRY AND PLASMA PROCESSING	PLASMA CHEM PLASMA P	0272-4324	1,829	2.056	1.807	1.887
12	METROLOGIA	METROLOGIA	0026-1394	2,756	2.041	1.252	1.978
13	SURFACE & COATINGS TECHNOLOGY	SURF COAT TECH	0257-8972	30,002	1.998	1.613	2.374
14	NANO-MICRO LETTERS	NANO-MICRO LETT	2311-6706	339	1.975	1.738	1.817
15	MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING	MAT SCI SEMICON PROC	1369-8001	1,916	1.955	1.456	1.806
16	JOURNAL OF INFRARED MILLIMETER AND TERAHERTZ WAVES	J INFRARED MILLIMETE	1866-6892	804	1.942	1.596	1.298
17	IEEE TRANSACTIONS ON DEVICE AND MATERIALS RELIABILITY	IEEE T DEVICE MAT RE	1530-4388	1,475	1.89	1.575	1.888
18	IEEE JOURNAL OF QUANTUM ELECTRONICS	IEEE J QUANTUM ELECT	0018-9197	9,237	1.887	1.774	1.737

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19	VACUUM	VACUUM	0042-207X	5,879	1.858	1.541	1.647
20	APPLIED PHYSICS B-LASERS AND OPTICS	APPL PHYS B-LASERS O	0946-2171	10,317	1.856	1.692	1.841
21	IEEE TRANSACTIONS ON NANOTECHNOLOGY	IEEE T NANOTECHNOL	1536-125X	2,381	1.825	1.592	1.882
21	PHILOSOPHICAL MAGAZINE	PHILOS MAG	1478-6435	11,044	1.825	1.716	1.705
23	JOURNAL OF LASER APPLICATIONS	J LASER APPL	1042-346X	587	1.798	1.64	1.356
23	JOURNAL OF ELECTRONIC MATERIALS	J ELECTRON MATER	0361-5235	7,438	1.798	1.452	1.77
25	GRANULAR MATTER	GRANUL MATTER	1434-5021	1,171	1.775	1.517	1.994
26	IEEE SENSORS JOURNAL	IEEE SENS J	1530-437X	6,154	1.762	1.523	1.901
27	THIN SOLID FILMS	THIN SOLID FILMS	0040-6090	43,623	1.759	1.622	1.922
28	EUROPEAN PHYSICAL JOURNAL E	EUR PHYS J E	1292-8941	3,586	1.757	1.683	1.831
29	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	APPL PHYS A-MATER	0947-8396	13,670	1.704	1.526	1.71
30	JOURNAL OF CRYSTAL GROWTH	J CRYST GROWTH	0022-0248	25,749	1.698	1.408	1.632
31	IEEE MAGNETICS LETTERS	IEEE MAGN LETT	1949-307X	136	1.692	1.641	1.833
32	OPTO-ELECTRONICS REVIEW	OPTO-ELECTRON REV	1230-3402	681	1.667	1.452	1.162
33	OPTICS AND LASER TECHNOLOGY	OPT LASER TECHNOL	0030-3992	3,621	1.647	1.482	1.54
34	PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE	PHYS STATUS SOLIDI A	1862-6300	10,701	1.616	1.524	1.481
35	REVIEW OF SCIENTIFIC INSTRUMENTS	REV SCI INSTRUM	0034-6748	26,103	1.614	1.255	1.618
36	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	J MATER SCI-MATER EL	0957-4522	4,521	1.569	1.043	1.456

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