

**PERPUSTAKAAN UTM 2015**  
**Categories: PHYSICS, APPLIED**  
**Quartiles: Q1 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	NATURE MATERIALS	NAT MATER	1476-1122	64,622	36.503	36.106	44.046
2	NATURE PHOTONICS	NAT PHOTONICS	1749-4885	23,499	32.386	31.71	33.413
3	ADVANCED MATERIALS	ADV MATER	0935-9648	128,805	17.493	16.455	18.172
4	ADVANCED ENERGY MATERIALS	ADV ENERGY MATER	1614-6832	10,129	16.146	15.332	16.581
5	MATERIALS SCIENCE & ENGINEERING R-REPORTS	MAT SCI ENG R	0927-796X	5,625	15.5	15.111	21.676
6	NANO LETTERS	NANO LETT	1530-6984	118,534	13.592	12.701	14.887
7	ADVANCED FUNCTIONAL MATERIALS	ADV FUNCT MATER	1616-301X	51,895	11.805	11.373	12.311
8	NANO ENERGY	NANO ENERGY	2211-2855	2,755	10.325	9.251	10.355
9	SMALL	SMALL	1613-6810	26,638	8.368	7.959	8.646
10	LASER & PHOTONICS REVIEWS	LASER PHOTONICS REV	1863-8880	2,793	8.008	7.583	8.532
11	PROGRESS IN PHOTOVOLTAICS	PROG PHOTOVOLTAICS	1062-7995	7,188	7.584	7.326	7.624
12	NANOSCALE	NANOSCALE	2040-3364	30,888	7.394	6.732	7.762
13	NANO RESEARCH	NANO RES	1998-0124	5,222	7.01	6.729	8.387
14	CURRENT OPINION IN SOLID STATE & MATERIALS SCIENCE	CURR OPIN SOLID ST M	1359-0286	3,068	6.235	6.176	6.656
15	NANOPHOTONICS	NANOPHOTONICS-BERLIN	2192-8606	301	5.686	5.588	5.686
16	MRS BULLETIN	MRS BULL	0883-7694	6,108	5.667	5.628	5.418
17	SOLAR ENERGY MATERIALS AND SOLAR CELLS	SOL ENERG MAT SOL C	0927-0248	25,351	5.337	4.717	5.755
18	JOURNAL OF MATERIALS CHEMISTRY C	J MATER CHEM C	2050-7526	5,889	4.696	4.068	4.701
19	ORGANIC ELECTRONICS	ORG ELECTRON	1566-1199	9,341	3.827	3.322	3.971

Rank	Full Journal Title	JCR Abbreviated Title	ISSN	Total Cites	Journal Impact Factor	Impact Factor without Journal Self Cites	5-Year Impact Factor
20	NANOTECHNOLOGY	NANOTECHNOLOGY	0957-4484	39,246	3.821	3.603	3.885
21	APPLIED PHYSICS LETTERS	APPL PHYS LETT	0003-6951	229,122	3.302	2.821	3.569
22	IEEE JOURNAL OF PHOTOVOLTAICS	IEEE J PHOTOVOLT	2156-3381	1,373	3.165	2.512	3.17
23	IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS	IEEE J SEL TOP QUANT	1077-260X	7,868	2.828	2.743	3.387
24	NANOSCALE RESEARCH LETTERS	NANOSCALE RES LETT	1556-276X	7,950	2.779	2.498	3.008
25	JOURNAL OF SYNCHROTRON RADIATION	J SYNCHROTRON RADIAT	0909-0495	4,613	2.736	2.465	2.642
26	JOURNAL OF PHYSICS D-APPLIED PHYSICS	J PHYS D APPL PHYS	0022-3727	32,129	2.721	2.41	2.711
27	APPLIED SURFACE SCIENCE	APPL SURF SCI	0169-4332	44,262	2.711	2.249	2.735
28	BEILSTEIN JOURNAL OF NANOTECHNOLOGY	BEILSTEIN J NANOTECH	2190-4286	1,005	2.67	2.325	2.903
29	SCIENCE OF ADVANCED MATERIALS	SCI ADV MATER	1947-2935	1,710	2.598	2.322	2.436
30	RECENT PATENTS ON NANOTECHNOLOGY	RECENT PAT NANOTECH	1872-2105	269	2.575	2.5	2.144
31	MATERIALS LETTERS	MATER LETT	0167-577X	31,144	2.489	2.137	2.466
32	IEEE TRANSACTIONS ON ELECTRON DEVICES	IEEE T ELECTRON DEV	0018-9383	17,052	2.472	2	2.512
33	LASER PHYSICS LETTERS	LASER PHYS LETT	1612-2011	3,138	2.458	2.012	2.336
34	PLASMA PROCESSES AND POLYMERS	PLASMA PROCESS POLYM	1612-8850	2,799	2.453	1.964	2.417
35	APPLIED PHYSICS EXPRESS	APPL PHYS EXPRESS	1882-0778	5,966	2.365	2.163	2.429

\*PERPUSTAKAAN UTM 2015