

**PERPUSTAKAAN UTM 2015**  
**Categories: MATERIALS SCIENCE, MULTIDISCIPLINARY**  
**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 NANOTECHNOLOGY	NAT NANOTECHNOL	1748-3387	34,387	34.048	33.386	37.601
3	PROGRESS IN MATERIALS SCIENCE	PROG MATER SCI	0079-6425	8,475	27.417	27.25	29.065
4	ADVANCED MATERIALS	ADV MATER	0935-9648	128,805	17.493	16.455	18.172
5	ADVANCED ENERGY MATERIALS	ADV ENERGY MATER	1614-6832	10,129	16.146	15.332	16.581
6	MATERIALS SCIENCE & ENGINEERING R-REPORTS	MAT SCI ENG R	0927-796X	5,625	15.5	15.111	21.676
7	NANO TODAY	NANO TODAY	1748-0132	4,770	15	14.91	20.089
8	MATERIALS TODAY	MATER TODAY	1369-7021	5,339	14.107	14.048	9.931
9	NANO LETTERS	NANO LETT	1530-6984	118,534	13.592	12.701	14.887
10	ACS NANO	ACS NANO	1936-0851	78,579	12.881	12.113	14.412
11	ANNUAL REVIEW OF MATERIALS RESEARCH	ANNU REV MATER RES	1531-7331	6,481	11.854	11.805	17.97
12	ADVANCED FUNCTIONAL MATERIALS	ADV FUNCT MATER	1616-301X	51,895	11.805	11.373	12.311
13	NANO ENERGY	NANO ENERGY	2211-2855	2,755	10.325	9.251	10.355
14	NPG ASIA MATERIALS	NPG ASIA MATER	1884-4049	1,145	10.118	9.926	11.347
15	INTERNATIONAL MATERIALS REVIEWS	INT MATER REV	0950-6608	2,949	8.5	8.344	10.62
16	SMALL	SMALL	1613-6810	26,638	8.368	7.959	8.646
17	CHEMISTRY OF MATERIALS	CHEM MATER	0897-4756	86,283	8.354	7.882	9.21
18	PROGRESS IN PHOTOVOLTAICS	PROG PHOTOVOLTAICS	1062-7995	7,188	7.584	7.326	7.624
19	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	J PHYS CHEM LETT	1948-7185	20,052	7.458	7.018	7.536
20	JOURNAL OF MATERIALS CHEMISTRY A	J MATER CHEM A	2050-7488	18,266	7.443	6.33	7.449
21	NANOSCALE	NANOSCALE	2040-3364	30,888	7.394	6.732	7.762

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22	NANO RESEARCH	NANO RES	1998-0124	5,222	7.01	6.729	8.387
23	ACS APPLIED MATERIALS & INTERFACES	ACS APPL MATER INTER	1944-8244	32,234	6.723	5.868	6.813
24	CRITICAL REVIEWS IN SOLID STATE AND MATERIALS SCIENCES	CRIT REV SOLID STATE	1040-8436	1,052	6.45	6.35	8.848
25	CURRENT OPINION IN SOLID STATE & MATERIALS SCIENCE	CURR OPIN SOLID ST M	1359-0286	3,068	6.235	6.176	6.656
26	CARBON	CARBON	0008-6223	46,718	6.196	5.489	6.89
27	NANOPHOTONICS	NANOPHOTONICS-BERLIN	2192-8606	301	5.686	5.588	5.686
28	MRS BULLETIN	MRS BULL	0883-7694	6,108	5.667	5.628	5.418
29	INTERNATIONAL JOURNAL OF PLASTICITY	INT J PLASTICITY	0749-6419	7,364	5.567	3.674	5.89
30	SOLAR ENERGY MATERIALS AND SOLAR CELLS	SOL ENERG MAT SOL C	0927-0248	25,351	5.337	4.717	5.755
31	CRYSTAL GROWTH & DESIGN	CRYST GROWTH DES	1528-7483	27,230	4.891	4.171	4.759
32	JOURNAL OF PHYSICAL CHEMISTRY C	J PHYS CHEM C	1932-7447	113,624	4.772	4.237	5.295
33	JOURNAL OF MATERIALS CHEMISTRY C	J MATER CHEM C	2050-7526	5,889	4.696	4.068	4.701
34	ACTA MATERIALIA	ACTA MATER	1359-6454	44,197	4.465	3.886	4.869
35	LANGMUIR	LANGMUIR	0743-7463	118,847	4.457	4.043	4.543
36	CORROSION SCIENCE	CORROS SCI	0010-938X	24,492	4.422	2.706	4.831
37	ADVANCED OPTICAL MATERIALS	ADV OPT MATER	2195-1071	700	4.062	3.82	4.063
38	SOFT MATTER	SOFT MATTER	1744-683X	27,131	4.029	3.615	4.289
39	ORGANIC ELECTRONICS	ORG ELECTRON	1566-1199	9,341	3.827	3.322	3.971
40	NANOTECHNOLOGY	NANOTECHNOLOGY	0957-4484	39,246	3.821	3.603	3.885
41	JOURNAL OF THE MECHANICS AND PHYSICS OF SOLIDS	J MECH PHYS SOLIDS	0022-5096	13,081	3.598	3.249	4.169
42	SCIENCE AND TECHNOLOGY OF ADVANCED MATERIALS	SCI TECHNOL ADV MAT	1468-6996	3,137	3.513	3.392	4.325
43	MATERIALS & DESIGN	MATER DESIGN	0261-3069	18,337	3.501	2.462	3.626
44	MICROPOROUS AND MESOPOROUS MATERIALS	MICROPOR MESOPOR MAT	1387-1811	18,529	3.453	3.104	3.552

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45	SCRIPTA MATERIALIA	SCRIPTA MATER	1359-6462	23,137	3.224	3.023	3.323
46	IEEE JOURNAL OF PHOTOVOLTAICS	IEEE J PHOTOVOLT	2156-3381	1,373	3.165	2.512	3.17
47	PARTICLE & PARTICLE SYSTEMS CHARACTERIZATION	PART PART SYST CHAR	0934-0866	1,216	3.081	2.988	2.509
48	JOURNAL OF ALLOYS AND COMPOUNDS	J ALLOY COMPD	0925-8388	54,156	2.999	2.232	2.716
49	CEMENT AND CONCRETE RESEARCH	CEMENT CONCRETE RES	0008-8846	16,863	2.864	2.414	4.075
50	OPTICAL MATERIALS EXPRESS	OPT MATER EXPRESS	2159-3930	1,934	2.844	2.585	2.889
51	NANOSCALE RESEARCH LETTERS	NANOSCALE RES LETT	1556-276X	7,950	2.779	2.498	3.008
52	BEILSTEIN JOURNAL OF NANOTECHNOLOGY	BEILSTEIN J NANOTECH	2190-4286	1,005	2.67	2.325	2.903
53	MACROMOLECULAR MATERIALS AND ENGINEERING	MACROMOL MATER ENG	1438-7492	3,687	2.661	2.51	2.779
54	MATERIALS	MATERIALS	1996-1944	3,566	2.651	2.44	3.35
55	SCIENCE OF ADVANCED MATERIALS	SCI ADV MATER	1947-2935	1,710	2.598	2.322	2.436
56	RECENT PATENTS ON NANOTECHNOLOGY	RECENT PAT NANOTECH	1872-2105	269	2.575	2.5	2.144
57	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	MAT SCI ENG A-STRUCT	0921-5093	51,048	2.567	1.973	2.881
58	SMART MATERIALS AND STRUCTURES	SMART MATER STRUCT	0964-1726	10,169	2.502	1.992	2.735
59	MATERIALS LETTERS	MATER LETT	0167-577X	31,144	2.489	2.137	2.466
60	LIQUID CRYSTALS	LIQ CRYST	0267-8292	4,509	2.486	1.103	2.049
61	APPLIED CLAY SCIENCE	APPL CLAY SCI	0169-1317	8,332	2.467	2.105	3.246
62	JOURNAL OF MATERIALS SCIENCE	J MATER SCI	0022-2461	36,133	2.371	2.13	2.32
63	MECHANICS OF MATERIALS	MECH MATER	0167-6636	4,679	2.329	2.146	2.598
64	ELECTROCHEMICAL AND SOLID STATE LETTERS	ELECTROCHEM SOLID ST	1099-0062	9,356	2.321	2.321	1.994

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