

**PERPUSTAKAAN UTM 2015**  
**Categories: MATERIALS SCIENCE, MULTIDISCIPLINARY**  
**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	CONSTRUCTION AND BUILDING MATERIALS	CONSTR BUILD MATER	0950-0618	13,430	2.296	1.42	2.71
2	MATERIALS RESEARCH BULLETIN	MATER RES BULL	0025-5408	15,576	2.288	2.088	2.368
3	INTERNATIONAL JOURNAL OF FATIGUE	INT J FATIGUE	0142-1123	7,475	2.275	1.879	2.583
4	MATERIALS CHEMISTRY AND PHYSICS	MATER CHEM PHYS	0254-0584	21,750	2.259	2.149	2.503
5	MATERIALS EXPRESS	MATER EXPRESS	2158-5849	303	2.256	2.244	2.299
6	SYNTHETIC METALS	SYNTHETIC MET	0379-6779	14,376	2.252	1.997	2.244
7	PLASMONICS	PLASMONICS	1557-1955	1,713	2.238	1.847	2.504
8	JOURNAL OF MATERIALS PROCESSING TECHNOLOGY	J MATER PROCESS TECH	0924-0136	21,097	2.236	1.956	2.66
9	CURRENT APPLIED PHYSICS	CURR APPL PHYS	1567-1739	6,101	2.212	2.123	2.184
10	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	SEMICOND SCI TECH	0268-1242	6,466	2.19	2.049	1.911
11	JOURNAL OF NANOPARTICLE RESEARCH	J NANOPART RES	1388-0764	10,038	2.184	2.031	2.649
12	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	MATER SCI ENG B-ADV	0921-5107	10,171	2.169	2.092	2.142
13	MODELLING AND SIMULATION IN MATERIALS SCIENCE AND ENGINEERING	MODEL SIMUL MATER SC	0965-0393	2,987	2.167	1.98	2.696
14	PHYSICA STATUS SOLIDI-RAPID RESEARCH LETTERS	PHYS STATUS SOLIDI-R	1862-6254	2,040	2.142	2.05	2.115
15	INTERMETALLICS	INTERMETALLICS	0966-9795	6,969	2.131	1.91	2.204
15	COMPUTATIONAL MATERIALS SCIENCE	COMP MATER SCI	0927-0256	11,851	2.131	1.808	2.188
17	PARTICUOLOGY	PARTICUOLOGY	1674-2001	1,255	2.11	1.99	2.312
18	NANOMATERIALS	NANOMATERIALS-BASEL	2079-4991	205	2.076	2.03	2.394
19	JOURNAL OF INTELLIGENT MATERIAL SYSTEMS AND STRUCTURES	J INTEL MAT SYST STR	1045-389X	4,189	2.072	1.824	2.263

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20	RAPID PROTOTYPING JOURNAL	RAPID PROTOTYPING J	1355-2546	1,170	2.031	1.823	1.926
21	INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS	INT J REFRACT MET H	0263-4368	2,968	1.989	1.508	2.16
22	OPTICAL MATERIALS	OPT MATER	0925-3467	8,103	1.981	1.767	2.062
23	ELECTRONIC MATERIALS LETTERS	ELECTRON MATER LETT	1738-8090	942	1.98	1.388	1.881
24	NANO-MICRO LETTERS	NANO-MICRO LETT	2311-6706	339	1.975	1.738	1.817
25	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	J MAGN MAGN MATER	0304-8853	24,719	1.97	1.674	1.979
26	MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING	MAT SCI SEMICON PROC	1369-8001	1,916	1.955	1.456	1.806
27	DIAMOND AND RELATED MATERIALS	DIAM RELAT MATER	0925-9635	7,290	1.919	1.763	1.817
28	WEAR	WEAR	0043-1648	17,715	1.913	1.556	2.109
29	JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY	J MATER SCI TECHNOL	1005-0302	2,650	1.909	1.572	1.794
30	MICROSCOPY AND MICROANALYSIS	MICROSC MICROANAL	1431-9276	2,698	1.877	1.701	2.208
31	PROGRESS IN NATURAL SCIENCE-MATERIALS INTERNATIONAL	PROG NAT SCI-MATER	1002-0071	1,801	1.873	1.809	1.816
32	JOURNAL OF NUCLEAR MATERIALS	J NUCL MATER	0022-3115	21,569	1.865	1.323	1.931
33	VACUUM	VACUUM	0042-207X	5,879	1.858	1.541	1.647
34	MATERIALS CHARACTERIZATION	MATER CHARACT	1044-5803	4,895	1.845	1.687	2.25
35	IEEE TRANSACTIONS ON NANOTECHNOLOGY	IEEE T NANOTECHNOL	1536-125X	2,381	1.825	1.592	1.882
35	PHILOSOPHICAL MAGAZINE	PHILOS MAG	1478-6435	11,044	1.825	1.716	1.705
37	MRS COMMUNICATIONS	MRS COMMUN	2159-6859	157	1.821	1.761	1.861
38	JOURNAL OF LASER APPLICATIONS	J LASER APPL	1042-346X	587	1.798	1.64	1.356
38	JOURNAL OF ELECTRONIC MATERIALS	J ELECTRON MATER	0361-5235	7,438	1.798	1.452	1.77
40	ARCHIVES OF CIVIL AND MECHANICAL ENGINEERING	ARCH CIV MECH ENG	1644-9665	525	1.793	1.647	1.486
41	ECS ELECTROCHEMISTRY LETTERS	ECS ELECTROCHEM LETT	2162-8726	361	1.789	1.737	1.789
42	GRANULAR MATTER	GRANUL MATTER	1434-5021	1,171	1.775	1.517	1.994

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43	INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES	INT J ADHES ADHES	0143-7496	3,271	1.773	1.335	2.418
44	JOURNAL OF NON-CRYSTALLINE SOLIDS	J NON-CRYST SOLIDS	0022-3093	22,231	1.766	1.524	1.707
45	THIN SOLID FILMS	THIN SOLID FILMS	0040-6090	43,623	1.759	1.622	1.922
46	ADVANCED ENGINEERING MATERIALS	ADV ENG MATER	1438-1656	4,579	1.758	1.694	1.703
47	JOM	JOM-US	1047-4838	3,894	1.757	1.585	1.773
47	EUROPEAN PHYSICAL JOURNAL E	EUR PHYS J E	1292-8941	3,586	1.757	1.683	1.831
49	JOURNAL OF MICROMECHANICS AND MICROENGINEERING	J MICROMECH MICROENG	0960-1317	8,862	1.731	1.521	1.906
50	METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE	METALL MATER TRANS A	1073-5623	19,262	1.73	1.494	1.983
51	MATERIALS AND STRUCTURES	MATER STRUCT	1359-5997	4,233	1.714	1.594	1.892
52	SCIENCE AND TECHNOLOGY OF WELDING AND JOINING	SCI TECHNOL WELD JOI	1362-1718	2,053	1.707	1.084	1.926
53	APPLIED PHYSICS A- MATERIALS SCIENCE & PROCESSING	APPL PHYS A- MATER	0947-8396	13,670	1.704	1.526	1.71
54	JOURNAL OF CRYSTAL GROWTH	J CRYST GROWTH	0022-0248	25,749	1.698	1.408	1.632
55	GEOSYNTHETICS INTERNATIONAL	GEOSYNTH INT	1072-6349	631	1.676	1.127	1.591
56	JOURNAL OF MATERIALS RESEARCH	J MATER RES	0884-2914	14,007	1.647	1.554	1.8
57	JOURNAL OF NANOMATERIALS	J NANOMATER	1687-4110	3,125	1.644	1.506	1.798
58	MATERIALS AND MANUFACTURING PROCESSES	MATER MANUF PROCESS	1042-6914	2,512	1.629	0.884	1.534
59	CARBON LETTERS	CARBON LETT	1976-4251	242	1.625	1.3	Not Available
60	PHYSICA STATUS SOLIDI A- APPLICATIONS AND MATERIALS SCIENCE	PHYS STATUS SOLIDI A	1862-6300	10,701	1.616	1.524	1.481
61	FUNCTIONAL MATERIALS LETTERS	FUNCT MATER LETT	1793-6047	559	1.606	1.297	1.473
62	GOLD BULLETIN	GOLD BULL	0017-1557	1,212	1.59	1.492	2.541

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63	METALS AND MATERIALS INTERNATIONAL	MET MATER INT	1598-9623	1,483	1.579	1.31	1.222
64	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	J MATER SCI-MATER EL	0957-4522	4,521	1.569	1.043	1.456
65	JOURNAL OF CULTURAL HERITAGE	J CULT HERIT	1296-2074	1,441	1.568	1.398	1.658

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