

**PERPUSTAKAAN UTM 2015**  
**Categories: MECHANICS**  
**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	Journal Of Non-Newtonian Fluid Mechanics	J NON-NEWTON FLUID	0377-0257	4,437	1.821	1.481	1.906
2	Journal Of Sound And Vibration	J SOUND VIB	0022-460X	22,682	1.813	1.452	2.223
3	Theoretical And Computational Fluid Dynamics	THEOR COMP FLUID DYN	0935-4964	833	1.8	1.75	1.538
4	Continuum Mechanics And Thermodynamics	CONTINUUM MECH THERM	0935-1175	781	1.779	1.686	1.627
5	Granular Matter	GRANUL MATTER	1434-5021	1,171	1.775	1.517	1.994
6	Engineering Fracture Mechanics	ENG FRACT MECH	0013-7944	8,809	1.767	1.488	2.012
7	Multibody System Dynamics	MULTIBODY SYST DYN	1384-5640	1,014	1.739	1.196	1.887
8	Journal Of Micromechanics And Microengineering	J MICROMECH MICROENG	0960-1317	8,862	1.731	1.521	1.906
9	European Journal Of Mechanics A-Solids	EUR J MECH A-SOLID	0997-7538	2,619	1.678	1.561	1.996
10	Experiments In Fluids	EXP FLUIDS	0723-4864	6,104	1.67	1.371	1.866
11	Journal Of Non-Equilibrium Thermodynamics	J NON-EQUIL THERMODY	0340-0204	441	1.667	1.103	1.436
12	European Journal Of Mechanics B-Fluids	EUR J MECH B-FLUID	0997-7546	1,546	1.656	1.571	1.717
13	International Journal Of Applied Mechanics	INT J APPL MECH	1758-8251	444	1.624	0.806	1.908
14	Computers & Fluids	COMPUT FLUIDS	0045-7930	5,144	1.619	1.395	1.876
15	International Journal Of Heat And Fluid Flow	INT J HEAT FLUID FL	0142-727X	4,519	1.596	1.479	2.216
16	Mechanics Of Time-Dependent Materials	MECH TIME-DEPEND MAT	1385-2000	468	1.587	1.381	1.418
17	International Journal Of Fracture	INT J FRACTURE	0376-9429	5,001	1.566	1.416	1.832
18	Journal Of Turbulence	J TURBUL	1468-5248	718	1.56	1.54	1.281
19	Experimental Mechanics	EXP MECH	0014-4851	3,359	1.548	1.373	1.853

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20	International Journal Of Nonlinear Sciences And Numerical Simulation	INT J NONLIN SCI NUM	1565-1339	769	1.545	1.527	0.906
21	Flow Turbulence And Combustion	FLOW TURBUL COMBUST	1386-6184	1,149	1.519	1.252	1.708
22	Wave Motion	WAVE MOTION	0165-2125	1,596	1.513	1.313	1.563
23	Mechanics Research Communications	MECH RES COMMUN	0093-6413	1,928	1.502	1.399	1.7
24	International Journal Of Damage Mechanics	INT J DAMAGE MECH	1056-7895	654	1.495	1.171	1.652
24	Engineering Computations	ENG COMPUTATION	0264-4401	1,051	1.495	1.359	1.598
26	Physical Mesomechanics	PHYS MESOMECH	1029-9599	329	1.488	1.188	1.187
27	Acta Mechanica	ACTA MECH	0001-5970	3,449	1.465	1.209	1.627
28	Advances In Applied Mechanics	ADV APPL MECH	0065-2156	1,206	1.429	1.429	7.846
29	Journal Of Adhesion	J ADHESION	0021-8464	1,438	1.417	1.278	1.455
30	Journal Of Wind Engineering And Industrial Aerodynamics	J WIND ENG IND AEROD	0167-6105	4,926	1.414	1.094	1.864
31	International Journal Of Numerical Methods For Heat & Fluid Flow	INT J NUMER METHOD H	0961-5539	898	1.399	0.77	1.312
32	International Journal For Numerical And Analytical Methods In Geomechanics	INT J NUMER ANAL MET	0363-9061	2,867	1.377	1.258	1.59
33	Journal Of Applied Mechanics-Transactions Of The ASME	J APPL MECH-T ASME	0021-8936	9,770	1.37	1.209	1.248
34	Journal Of Elasticity	J ELASTICITY	0374-3535	1,746	1.348	1.163	1.232

\*PERPUSTAKAAN UTM 2015