

**PERPUSTAKAAN UTM 2015**  
**Categories: MECHANICS**  
**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	Annual Review Of Fluid Mechanics	ANNU REV FLUID MECH	0066-4189	8,177	11.163	10.977	14.283
2	International Journal Of Plasticity	INT J PLASTICITY	0749-6419	7,364	5.567	3.674	5.89
3	Energy Conversion And Management	ENERG CONVERS MANAGE	0196-8904	20,440	4.38	2.415	4.512
4	Journal Of The Mechanics And Physics Of Solids	J MECH PHYS SOLIDS	0022-5096	13,081	3.598	3.249	4.169
5	Journal Of Rheology	J RHEOL	0148-6055	4,910	3.358	2.715	3.195
6	Computer Methods In Applied Mechanics And Engineering	COMPUT METHOD APPL M	0045-7825	18,357	2.959	2.278	3.395
7	Communications In Nonlinear Science And Numerical Simulation	COMMUN NONLINEAR SCI	1007-5704	7,144	2.866	2.584	2.879
8	Nonlinear Dynamics	NONLINEAR DYNAM	0924-090X	6,966	2.849	1.753	2.637
9	International Communications In Heat And Mass Transfer	INT COMMUN HEAT MASS	0735-1933	5,264	2.782	2.363	2.965
10	Applied Thermal Engineering	APPL THERM ENG	1359-4311	14,791	2.739	2.09	3.034
11	Applied Mechanics Reviews	APPL MECH REV	0003-6900	2,573	2.647	2.529	3.928
12	Computational Mechanics	COMPUT MECH	0178-7675	4,400	2.525	1.645	2.631
13	Journal Of Composites For Construction	J COMPOS CONSTR	1090-0268	2,413	2.483	1.927	2.457
14	Journal Of Statistical Mechanics-Theory And Experiment	J STAT MECH-THEORY E	1742-5468	5,644	2.404	1.911	1.935
15	International Journal Of Heat And Mass Transfer	INT J HEAT MASS TRAN	0017-9310	29,586	2.383	1.844	2.809
15	Journal Of Fluid Mechanics	J FLUID MECH	0022-1120	41,323	2.383	1.76	2.727
17	Mechanics Of Materials	MECH MATER	0167-6636	4,679	2.329	2.146	2.598
18	Applied Mathematical Modelling	APPL MATH MODEL	0307-904X	7,636	2.251	2.057	2.326
19	Archive For Rational Mechanics And Analysis	ARCH RATION MECH AN	0003-9527	6,721	2.219	2.112	2.575

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20	International Journal Of Solids And Structures	INT J SOLIDS STRUCT	0020-7683	17,284	2.214	1.884	2.483
21	International Journal Of Impact Engineering	INT J IMPACT ENG	0734-743X	4,723	2.201	1.795	2.572
22	Journal Of Nonlinear Science	J NONLINEAR SCI	0938-8974	812	2.135	2.081	2.013
23	International Journal Of Multiphase Flow	INT J MULTIPHAS FLOW	0301-9322	5,519	2.061	1.803	2.374
24	International Journal Of Mechanical Sciences	INT J MECH SCI	0020-7403	5,829	2.034	1.737	2.287
25	Physics Of Fluids	PHYS FLUIDS	1070-6631	23,746	2.031	1.684	2.23
26	Journal Of Fluids And Structures	J FLUID STRUCT	0889-9746	3,697	2.021	1.226	2.249
27	Finite Elements In Analysis And Design	FINITE ELEM ANAL DES	0168-874X	2,882	2.017	1.83	1.967
28	International Journal Of Non-Linear Mechanics	INT J NONLIN MECH	0020-7462	3,738	1.977	1.786	1.87
29	Numerical Heat Transfer Part A-Applications	NUMER HEAT TR A-APPL	1040-7782	2,228	1.975	1.254	1.768
30	Structural And Multidisciplinary	STRUCT MULTIDISCIPLINO	1615-147X	3,379	1.974	1.44	2.321
31	Meccanica	MECCANICA	0025-6455	1,799	1.949	1.314	1.867
32	Rheologica Acta	RHEOL ACTA	0035-4511	3,531	1.869	1.66	2.133
33	Probabilistic Engineering Mechanics	PROBABILIST ENG MECH	0266-8920	1,461	1.855	1.556	1.722
34	Philosophical Magazine	PHILOS MAG	1478-6435	11,044	1.825	1.716	1.705

\*PERPUSTAKAAN UTM 2015