

Engineering Mechanical

Legend

No.	The row number of the journals in the result table.
Journal	The name of the journal.
Rank, PII	The rank of journal among all journals based on PII.
JII	Journal Influence Index, the score of the journal calculated by our method, the bigger the more impactful.
PII	Paper Influence Index, the JII divided by Article Number multiplied by 1000.
B2(2005)	The average number of citations received by papers published in the journal in the 2 preceding years before 2005 (2004,2003) from all the papers published in 2005.
B4(2005)	The average number of citations received by papers published in the journal in the 4 preceding years before 2005 (2004-2001) from all the papers published in 2005.
B6(2005)	The average number of citations received by papers published in the journal in the 6 preceding years before 2005 (2004-1999) from all the papers published in 2005.
Rank, JII %	The rank percentage based on JII (Division of JII on the highest JII value) X 100

No.	Journal	Rank, PII	JII	PII	B2	B4	B6	Rank, JII %
	HYDRAULICS & PNEUMATICS	7345	N/A	N/A				N/A
	TURBOMACHINERY INTERNATIONAL	7347	N/A	N/A				N/A
	PROFESSIONAL ENGINEERING	7646	N/A	N/A	0.07	0.08	0.06	N/A
	MECHANICAL ENGINEERING	7647	N/A	N/A	0.13	0.22	0.18	N/A
	LUBRICATION ENGINEERING	7648	N/A	N/A	0.48	0.54	0.51	N/A
	KSME INTERNATIONAL JOURNAL	7649	N/A	N/A	0.65	0.61	0.46	N/A
	JSAE REVIEW	7650	N/A	N/A	0	0	0	N/A
	DIESEL PROGRESS NORTH AMERICAN EDITION	7965	N/A	N/A	0	0	0	N/A
1	JOURNAL OF SOUND AND VIBRATION	2150	33.15	60.6	1.72	1.92	1.91	100
2	INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER	1965	30.65	67.36	2.63	3.21	2.79	92.45852187
3	JOURNAL OF HYDRAULIC ENGINEERING-ASCE	620	24.12	207.92	2.4	2.62	2.88	72.760181
4	WEAR	2029	20.06	65.14	2.74	3.5	3.62	60.51282051
5	JOURNAL OF AEROSOL SCIENCE	859	15.98	158.58	4.83	4.28	4.17	48.20512821
6	AEROSOL SCIENCE AND TECHNOLOGY	1139	13.18	123.49	3.89	4.22	3.93	39.7586727
7	JOURNAL OF ENGINEERING MECHANICS-ASCE	1604	12.65	84.9	1.55	1.91	1.95	38.15987934
8	PROCEEDINGS OF THE COMBUSTION INSTITUTE	3115	12	36.46				36.19909502
9	EXPERIMENTS IN FLUIDS	1992	11.79	66.63	2.02	2.01	2.07	35.56561086
10	JOURNAL OF HEAT TRANSFER-TRANSACTIONS OF THE ASME	1773	11.58	76.31	1.55	2.34	2.23	34.9321267
11	JOURNAL OF MICROELECTROMECHANICAL SYSTEMS	1893	8.12	70.95	5.24	6.14	5.99	24.49472097
12	INTERNATIONAL JOURNAL OF PLASTICITY	1676	6.94	81.46	7.74	6.17	5.28	20.93514329
13	JOURNAL OF FLUIDS ENGINEERING-TRANSACTIONS OF THE ...	2347	6.83	53.85	1.06	1.54	1.46	20.60331825
14	INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES	2049	6.12	64.28	1.78	3.08	2.93	18.46153846
15	INTERNATIONAL JOURNAL OF HEAT AND FLUID FLOW	2133	5.11	61.35	2.06	2.52	2.69	15.4147813
16	PROGRESS IN ENERGY AND COMBUSTION SCIENCE	308	5.1	345.62	6.34	8.36	10.58	15.38461538
17	INTERNATIONAL JOURNAL OF IMPACT ENGINEERING	2445	4.51	51.37	1.41	1.91	2.01	13.60482655
18	JOURNAL OF FLUIDS AND STRUCTURES	2714	3.98	44.52	1.61	1.75	1.61	12.00603318
19	JOURNAL OF TRIBOLOGY-TRANSACTIONS OF THE ASME	3222	3.78	34.64	1.31	1.63	1.54	11.40271493
20	INTERNATIONAL JOURNAL OF FATIGUE	3877	3.58	25.26	2.19	2.82	2.81	10.79939668
21	ADVANCES IN APPLIED MECHANICS	98	3.56	890.46	1.88	7.69	6.54	10.73906486
22	TRIBOLOGY INTERNATIONAL	3430	3.44	31.23	1.94	1.99	1.83	10.37707391
23	EXPERIMENTAL THERMAL AND FLUID SCIENCE	3300	3.39	33.33	1.32	1.77	1.43	10.22624434
24	TRIBOLOGY LETTERS	3464	3.3	30.81	2.25	2.39	2.25	9.954751131

25	JOURNAL OF TURBOMACHINERY-TRANSACTIONS OF THE ASME	2897	3.28	40.42	0.66	1.23	1.23	9.894419306
26	INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTU...	4383	3.21	18.75	2.03	2.46	2.34	9.683257919
27	JOURNAL OF ENGINEERING MATERIALS AND TECHNOLOGY-TR...	2422	3.02	51.88	1.52	1.7	1.76	9.110105581
28	JOURNAL OF MECHANICAL DESIGN	3807	2.85	26.08	2.86	2.59	2.36	8.597285068
29	JOURNAL OF VIBRATION AND ACOUSTICS-TRANSACTIONS OF...	3004	2.83	38.34	0.71	1.42	1.3	8.536953243
30	FATIGUE & FRACTURE OF ENGINEERING MATERIALS & STRU...	3764	2.78	26.71	1.39	1.5	1.67	8.38612368
31	JOURNAL OF THERMOPHYSICS AND HEAT TRANSFER	3264	2.64	34.03	1.2	1.49	1.39	7.963800905
32	MECHANISM AND MACHINE THEORY	3467	2.42	30.76	1.12	1.68	1.72	7.30015083
33	JOURNAL OF ENGINEERING FOR GAS TURBINES AND POWER-...	4294	2.4	19.83	0.52	0.8	0.81	7.239819005
34	NONLINEAR DYNAMICS	3872	2.16	25.3	1.27	1.8	1.56	6.515837104
35	TRIBOLOGY TRANSACTIONS	3677	2.06	27.94	1.45	1.7	1.67	6.214177979
36	INTERNATIONAL JOURNAL OF REFRIGERATION-REVUE INTER...	4591	1.82	16.44	1.64	2.07	1.93	5.490196078
37	MECHANICAL SYSTEMS AND SIGNAL PROCESSING	4096	1.81	22.36	1.52	1.8	1.78	5.460030166
38	DRYING TECHNOLOGY	4894	1.68	13.4	1.98	2.49	2.27	5.067873303
39	ATOMIZATION AND SPRAYS	2470	1.61	50.82	1.3	1.35	1.49	4.856711916
40	INTERNATIONAL JOURNAL OF PRESSURE VESSELS AND PIP...	4421	1.61	18.35	1.17	1.48	1.4	4.856711916
41	APPLIED THERMAL ENGINEERING	5665	1.53	8.03	1.45	1.66	1.37	4.615384615
42	PROBABILISTIC ENGINEERING MECHANICS	2820	1.47	41.94	1.38	1.74	1.64	4.43438914
43	ENGINEERING COMPUTATIONS	2980	1.34	38.79	1.2	1.65	1.49	4.042232278
44	INTERNATIONAL JOURNAL OF THERMAL SCIENCES	5083	1.29	11.98	1.35	1.68	1.49	3.891402715
45	THEORETICAL AND APPLIED FRACTURE MECHANICS	3535	1.26	29.78	2.49	2.14	2.14	3.800904977
46	JOURNAL OF STRAIN ANALYSIS FOR ENGINEERING DESIGN	3996	1.25	23.52	0.91	1.07	1.08	3.770739065
47	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGIN...	3880	1.1	25.24	1.25	1.72	2.14	3.318250377
48	JOURNAL OF PRESSURE VESSEL TECHNOLOGY-TRANSACTIONS...	4762	1.07	14.76	0.51	0.92	0.86	3.22775264
49	JOURNAL OF MANUFACTURING SCIENCE AND ENGINEERING-T...	5366	0.99	10.04	1.14	1.67	1.58	2.986425339
50	VEHICLE SYSTEM DYNAMICS	4314	0.97	19.62	1.24	1.75	1.88	2.926093514
51	JSME INTERNATIONAL JOURNAL SERIES B-FLUIDS AND THE...	5534	0.9	8.84	0.23	0.4	0.44	2.714932127
52	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGIN...	5600	0.88	8.4	0.56	0.74	0.71	2.654600302
53	ASHRAE JOURNAL	5503	0.85	9.04	0.31	0.42	0.37	2.564102564
54	IEEE-ASME TRANSACTIONS ON MECHATRONICS	5125	0.75	11.7	1.07	1.6	1.78	2.262443439
55	MATHEMATICS AND MECHANICS OF SOLIDS	3902	0.72	24.88	1.39	1.72	1.37	2.171945701
56	JOURNAL OF SOLAR ENERGY ENGINEERING-TRANSACTIONS O...	5329	0.72	10.25	0.71	1.02	0.76	2.171945701
57	JOURNAL OF ELECTRONIC PACKAGING	5597	0.64	8.4	0.76	0.85	0.8	1.930618401
58	JSME INTERNATIONAL JOURNAL SERIES C-MECHANICAL SYS...	6226	0.59	4.56	0.42	0.47	0.43	1.779788839
59	MECHATRONICS	5662	0.57	8.04	1.14	1.09	1.1	1.719457014
60	ACTA MECHANICA SINICA	5767	0.53	7.43	1.06	1.01	0.88	1.598793363
61	INTERNATIONAL JOURNAL OF VEHICLE DESIGN	5791	0.51	7.26	0.58	0.67	0.58	1.538461538
62	JOURNAL OF VIBRATION AND CONTROL	5849	0.51	6.94	0.83	1	0.86	1.538461538
63	ENGINEERING WITH COMPUTERS	4404	0.48	18.53	0.25	1.35	1.27	1.447963801

64	JSME INTERNATIONAL JOURNAL SERIES A-SOLID MECHANIC...	5992	0.48	5.9	0.57	0.49	0.53	1.447963801
65	STRUCTURAL ENGINEERING AND MECHANICS	6185	0.48	4.79	0.73	0.76	0.71	1.447963801
66	FLOW MEASUREMENT AND INSTRUMENTATION	4932	0.45	13.09	0.84	0.9	0.85	1.357466063
67	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGIN...	5092	0.44	11.95	0.78	1.19	1.36	1.327300151
68	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERI...	5201	0.44	11.04	0.59	0.5	0.49	1.327300151
69	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGIN...	6546	0.38	3.02	0.58	0.63	0.55	1.146304676
70	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINE...	5727	0.35	7.7	0.37	0.46	0.41	1.055806938
71	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGIN...	6453	0.35	3.43	0.77	0.85	0.74	1.055806938
72	JOURNAL OF ENHANCED HEAT TRANSFER	4510	0.33	17.36	0.64	1.32	1.47	0.995475113
73	RAPID PROTOTYPING JOURNAL	5648	0.28	8.12	1.5	1.51	1.33	0.844645551
74	JOURNAL OF POROUS MEDIA	5289	0.26	10.47	1.12	1.79	1.86	0.784313725
75	HVAC&R RESEARCH	5697	0.23	7.84	0.76	1.22	1.19	0.693815988
76	EXPERIMENTAL HEAT TRANSFER	4992	0.22	12.66	0.69	0.85	0.93	0.663650075
77	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGIN...	5430	0.2	9.56	0.55	0.69	0.65	0.60331825
78	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGIN...	6373	0.2	3.83	0.68	0.74	0.66	0.60331825
79	ENGINEERING FAILURE ANALYSIS	6595	0.2	2.83	0.69	0.73	0.6	0.60331825
80	MACHINING SCIENCE AND TECHNOLOGY	5863	0.18	6.83	0.91	1.05	1.08	0.542986425
81	JOURNAL OF JAPANESE SOCIETY OF TRIBOLOGISTS	6912	0.17	1.36	0.12	0.11	0.1	0.512820513
82	SHOCK AND VIBRATION	6202	0.16	4.71	0.16	0.27	0.34	0.4826546
83	EXPERIMENTAL TECHNIQUES	6447	0.16	3.45	0.56	0.57	0.53	0.4826546
84	INTERNATIONAL JOURNAL OF CRASHWORTHINESS	6608	0.15	2.76	0.7	0.56	0.48	0.452488688
85	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGIN...	6207	0.13	4.67	0.32	0.44	0.4	0.392156863
86	SOUND AND VIBRATION	6300	0.13	4.21	0.12	0.12	0.12	0.392156863
87	STROJNI SKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERI...	6567	0.13	2.93	0.27	0.32	0.24	0.392156863
88	JOURNAL OF SANDWICH STRUCTURES & MATERIALS	6083	0.12	5.36	0.96	0.94	0.81	0.36199095
89	FORSCHUNG IM INGENIEURWESEN-ENGINEERING RESEARCH	6085	0.12	5.35	0.17	0.23	0.32	0.36199095
90	CHINA OCEAN ENGINEERING	6817	0.1	1.79	0.69	0.6	0.52	0.301659125
91	TRANSACTIONS OF THE CANADIAN SOCIETY FOR MECHANICA...	6664	0.09	2.49	0.04	0.15	0.2	0.271493213
92	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGIN...	6495	0.08	3.23	0.32	0.3	0.37	0.2413273
93	INTERNATIONAL JOURNAL OF AUTOMOTIVE TECHNOLOGY	7035	0.07	0.88				0.211161388
94	HEAVY VEHICLE SYSTEMS-INTERNATIONAL JOURNAL OF VEH...	6233	0.06	4.51	0.13	0.24	0.2	0.180995475
95	INDUSTRIAL LUBRICATION AND TRIBOLOGY	6842	0.05	1.68	0.54	0.55	0.49	0.150829563
96	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGIN...	6888	0.04	1.49	0.44	0.54	0.5	0.12066365
97	STROJARSTVO	7645	0.02	N/A				0.060331825
98	TRIBOLOGY & LUBRICATION TECHNOLOGY	7157	0.01	0.14	0.17	0.08	0.06	0.030165913
99	Journal of Mechanical Science and Technology	7180	0	0				0