جامعة طيبة
عمادة شؤون المكتبات

Journal Citation Reports®

LIST OF TOP 100 JOURNAL TITLE BASED ON IMPACT FACTOR COLLEGE OF SCIENCES:

SUBJECT CATEGORY: Mechanical Engineering

Rank	Abbreviated Journal Title (linked to journal information)	ISSN	JCR Data 2016					
			Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-life
1	PROG ENERG COMBUST	0360-1285	9015	17.382	0	24.055	8.6	5.625
2	INT J PLASTICITY	0749-6419	9796	5.702	153	6.358	7.6	1.305
3	IEEE-ASME T MECH	1083-4435	7282	4.357	280	4.613	4.6	0.519
4	MECH SYST SIGNAL PR	0888-3270	12930	4.116	427	4.874	5.9	1.234
5	INT J MACH TOOL MANU	0890-6955	11193	3.995	92	5.076	>10	0.625
6	COMBUST FLAME	0010-2180	17820	3.663	366	4.125	8.8	0.656
7	INT J THERM SCI	1290-0729	9833	3.615	305	4.041	5.8	0.759
8	INT J PR ENG MAN-GT	2288-6206	329	3.494	42	3.494	2.1	0.375
9	J MANUF SCI E-T ASME	1087-1357	4185	3.480	167	2.593	8.3	0.290
10	NONLINEAR DYNAM	0924-090X	12568	3.464	717	3.313	4.1	0.736
11	INT J HEAT MASS TRAN	0017-9310	44777	3.458	1168	3.552	8.2	1.041
12	APPL THERM ENG	1359-4311	25864	3.444	1850	3.684	4.7	0.792
13	P COMBUST INST	1540-7489	9958	3.214	0	3.318	7.7	0
14	NANOSC MICROSC THERM	1556-7265	314	3.182	11	2.402	3.9	0.250
15	ADV APPL MECH	0065-2156	1215	3.000	0	2.429	>10	0
16	INT J IMPACT ENG	0734-743X	6741	2.938	160	3.098	9	0.638
17	J SANDW STRUCT MATER	1099-6362	639	2.933	35	2.250	4.7	0.343
18	TRIBOL INT	0301-679X	10086	2.903	600	2.971	6.6	0.760
19	INT J FATIGUE	0142-1123	9981	2.899	392	3.024	8	0.833
20	INT J MECH SCI	0020-7403	8648	2.884	342	3.192	8.7	0.471
21	EXP THERM FLUID SCI	0894-1777	7894	2.830	292	3.079	6.2	0.925
22	INT J REFRIG	0140-7007	8374	2.779	248	2.877	7.1	0.552
23	WIND ENERGY	1095-4244	3134	2.725	142	3.373	5.8	0.469
24	THEOR APPL FRACT MEC	0167-8442	1494	2.659	141	2.079	7.1	0.312
25	J SOUND VIB	0022-460X	32268	2.593	540	2.955	>10	0.519
26	MECH MACH THEORY	0094-114X	6524	2.577	220	2.853	8.1	0.439
27	J MECH DESIGN	1050-0472	7760	2.565	130	3.017	10	0.557
28	WEAR	0043-1648	22165	2.531	279	2.798	>10	0.487
29	MECHATRONICS	0957-4158	3627	2.496	132	2.788	6.6	0.316
30	RAPID PROTOTYPING J	1355-2546	2448	2.400	86	3.179	8.4	0.180
31	J MECH ROBOT	1942-4302	1117	2.371	148	2.535	4	0.446

32	FATIGUE FRACT ENG M	8756-758X	3766	**2.335**	113	1.927	>10	0.530
33	INT J ENGINE RES	1468-0874	1232	**2.237**	74	2.445	5.5	0.474
34	ARCH CIV MECH ENG	1644-9665	1054	**2.216**	87	1.922	3.3	0.571
35	J HYDRAUL ENG	0733-9429	8810	**2.183**	146	2.144	>10	0.315
36	VEHICLE SYST DYN	0042-3114	3781	**2.149**	83	2.233	9.1	0.422
37	INT J MECH MATER DES	1569-1713	451	**2.102**	36	1.894	4.8	0.333
38	J VIB CONTROL	1077-5463	3683	**2.101**	291	2.066	5	0.477
39	J AEROSOL SCI	0021-8502	6193	**2.042**	113	2.511	>10	0.410
40	J FLUID STRUCT	0889-9746	5111	**2.021**	159	2.415	9	0.333
41	DRY TECHNOL	0737-3937	5613	**1.976**	186	2.006	8.5	0.451
42	AEROSOL SCI TECH	0278-6826	6150	**1.926**	116	2.459	>10	0.556
43	TRIBOL LETT	1023-8883	4593	**1.891**	154	2.170	6.7	0.452
44	INT J HEAT FLUID FL	0142-727X	6065	**1.873**	142	2.304	9.5	0.182
45	J HEAT TRANS-T ASME	0022-1481	12144	**1.866**	196	2.058	>10	0.332
46	EXP FLUIDS	0723-4864	7842	**1.832**	186	2.022	9.7	0.340
47	J ENG MECH	0733-9399	9263	**1.764**	177	1.816	>10	0.379
48	J COMPUT NONLIN DYN	1555-1423	1219	**1.732**	134	1.773	4.4	0.356
49	J TURBOMACH	0889-504X	5949	**1.731**	77	2.138	>10	0.429
50	PROBABILIST ENG MECH	0266-8920	2055	**1.714**	62	2.018	>10	0.194
51	J VIB ACOUST	1048-9002	3501	**1.692**	122	1.848	9.9	0.344
52	TRIBOL T	1040-2004	3051	**1.685**	117	1.756	>10	0.203
53	ENG FAIL ANAL	1350-6307	3952	**1.676**	266	1.748	5.2	0.380
54	INT J STRUCT STAB DY	0219-4554	912	**1.617**	130	1.519	4	0.254
55	J ELECTRON PACKAGING	1043-7398	1191	**1.596**	41	1.335	>10	0.540
56	STRUCT INFRASTRUCT E	1573-2479	1230	**1.565**	108	1.656	4.5	0.445
57	P I MECH ENG F-J RAI	0954-4097	1343	**1.537**	145	1.797	6.8	0.270
58	J ENG GAS TURB POWER	0742-4795	6335	**1.534**	231	1.694	10	0.431
59	EXP HEAT TRANSFER	0891-6152	823	**1.522**	46	1.649	>10	0.348
60	J TRIBOL-T ASME	0742-4787	4443	**1.521**	115	1.702	>10	0.296
61	FRICTION	2223-7690	197	**1.508**	29	2.112	3.1	0.091
62	INT J PRECIS ENG MAN	2234-7593	2572	**1.497**	187	1.474	3.5	0.325
63	P I MECH ENG E-J PRO	0954-4089	373	**1.448**	35	1.229	6.5	0.250
64	J FLUID ENG-T ASME	0098-2202	6225	**1.437**	166	1.654	>10	0.383
65	INT J PRES VES PIP	0308-0161	2870	**1.427**	89	1.792	9.8	0.202
66	LUBR SCI	0954-0075	483	**1.414**	31	1.180	7.2	0.484
67	SMART STRUCT SYST	1738-1584	989	**1.382**	123	1.436	3.9	0.293
68	INT J OPTOMECHATRONI	1559-9612	175	**1.375**	14	0.864	5.1	0.000
69	P I MECH ENG B-J ENG	0954-4054	2988	**1.366**	179	1.386	6.7	0.157
70	ACTA MECH SINICA-PRC	0567-7718	1368	**1.324**	99	1.202	5.7	0.206
71	P I MECH ENG J-J ENG	1350-6501	1774	**1.320**	123	1.235	7.1	0.151
72	J THERMOPHYS HEAT TR	0887-8722	2314	**1.315**	97	1.207	>10	0.265

73	ATOMIZATION SPRAY	1044-5110	1355	**1.289**	56	1.649	>10	0.224
74	SHOCK VIB	1070-9622	1622	**1.281**	376	1.292	3.4	0.210
75	INT J SPRAY COMBUST	1756-8277	114	**1.258**	19	1.026	4.1	0.100
76	P I MECH ENG D-J AUT	0954-4070	2309	**1.253**	141	1.395	7.9	0.147
77	P I MECH ENG K-J MUL	1464-4193	461	**1.242**	44	1.082	8.5	0.091
78	HEAT TRANSFER ENG	0145-7632	2532	**1.235**	132	1.431	8.2	0.452
79	J BRAZ SOC MECH SCI	1678-5878	885	**1.235**	204	1.069	3.8	0.488
80	J STRAIN ANAL ENG	0309-3247	1289	**1.222**	48	1.393	>10	0.320
81	MECH SCI	2191-9151	190	**1.211**	25	1.705	3.6	0.120
82	FLOW MEAS INSTRUM	0955-5986	1589	**1.203**	111	1.378	6.9	0.207
83	J SOL ENERG-T ASME	0199-6231	3182	**1.190**	74	1.940	>10	0.267
84	ENG APPL COMP FLUID	1994-2060	441	**1.167**	38	1.333	4.6	0.167
85	J POROUS MEDIA	1091-028X	766	**1.144**	73	0.966	5.1	0.178
86	J ENG MATER-T ASME	0094-4289	2759	**1.141**	52	1.151	>10	0.250
87	J MECH SCI TECHNOL	1738-494X	4220	**1.128**	620	1.182	4.2	0.177
88	STRUCT ENG MECH	1225-4568	1886	**1.118**	230	0.993	4.4	0.435
89	LAT AM J SOLIDS STRU	1679-7825	567	**1.106**	157	1.114	2.9	0.115
90	MACH SCI TECHNOL	1091-0344	638	**1.053**	34	1.432	8.9	0.059
91	P I MECH ENG C-J MEC	0954-4062	2887	**1.015**	288	0.930	7	0.181
92	P I MECH ENG P-J SPO	1754-3371	209	**1.000**	30	1.120	4.4	0.133
93	J OFFSHORE MECH ARCT	0892-7219	971	**0.993**	60	1.067	9	0.133
94	J THERM SCI ENG APPL	1948-5085	354	**0.985**	78	0	3.4	0.192
95	P I MECH ENG A-J POW	0957-6509	1657	**0.939**	58	1.112	8.8	0.083
96	EXP TECHNIQUES	0732-8818	667	**0.932**	143	1.018	6.7	0.056
97	HVAC&R RES	1078-9669	1245	**0.928**	0	1.284	8.9	0
98	STROJ VESTN-J MECH E	0039-2480	494	**0.914**	80	0.870	4.6	0.085
99	INT J AUTO TECH-KOR	1229-9138	968	**0.897**	108	1.000	5.1	0.074
100	INT J CRASHWORTHINES	1358-8265	688	**0.895**	50	0.908	8.3	0.020