

Chemistry Physical

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 %
	JOURNAL OF PHASE EQUILIBRIA	7383	N/A	N/A				N/A
	FULLERENE SCIENCE AND TECHNOLOGY	7384	N/A	N/A				N/A
	JOURNAL OF THE CHEMICAL SOCIETY-PERKIN TRANSACTION...	7826	N/A	N/A		0	0	N/A
	PHYSICHEMCOMM	7987	N/A	N/A	1.25	2.5	2.12	N/A
	LASER CHEMISTRY	7988	N/A	N/A		0	0	N/A
	CONCEPTS IN MAGNETIC RESONANCE	7990	N/A	N/A		0	0	N/A
	CATTECH	7992	N/A	N/A	2.5	5.15	5.82	N/A
	CATALYSIS SURVEYS FROM JAPAN	7993	N/A	N/A		0	0	N/A
	ADVANCES IN CATALYSIS	7994	N/A	N/A	2.75	14.31	21.88	N/A
1	JOURNAL OF PHYSICAL CHEMISTRY B	1482	217.6	94.35	7.99	8.2	7.61	100
2	CHEMICAL PHYSICS LETTERS	1068	201.08	131.62	4.81	4.84	4.63	92.40808824
3	LANGMUIR	1346	172.64	104.15	7.34	7.3	7.1	79.33823529
4	JOURNAL OF PHYSICAL CHEMISTRY A	1566	126.95	87.27	5.76	5.86	5.67	58.34099265
5	SURFACE SCIENCE	1017	121.24	136.3	3.5	3.6	3.51	55.71691176
6	CHEMISTRY OF MATERIALS	1234	92.7	113.4	9.52	10.48	9.65	42.60110294
7	JOURNAL OF COLLOID AND INTERFACE SCIENCE	1497	75.41	92.84	3.99	4.2	4.04	34.65533088
8	JOURNAL OF CATALYSIS	786	64.71	169.29	9.49	9.3	9	29.73805147
9	CHEMICAL PHYSICS	1069	47.86	131.5	3.79	3.99	4.01	21.99448529
10	JOURNAL OF MATERIALS CHEMISTRY	1814	43.31	74.23	7.26	7.03	6.38	19.90349265

No.	Journal	Rank, PII	JII	PII	B2	B4	B6	Rank, JII %
11	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2272	41.26	56.25	4.96	4.7	4.26	18.96139706
12	JOURNAL OF SOLID STATE CHEMISTRY	1818	36.38	74.09	3.4	3.27	3.24	16.71875
13	APPLIED SURFACE SCIENCE	3337	35.95	32.68	2.44	2.5	2.29	16.52113971
14	SOLID STATE IONICS	1819	35.18	74.07	3.07	3.27	4.09	16.16727941
15	JOURNAL OF ALLOYS AND COMPOUNDS	3382	34.78	32	2.68	2.69	2.53	15.98345588
16	NATURE MATERIALS	532	30.95	234.48	30.48	18.54	12.37	14.22334559
17	APPLIED CATALYSIS A-GENERAL	2298	30.05	55.49	5.51	6.43	5.85	13.80974265
18	CATALYSIS TODAY	1997	26.85	66.53	4.67	6.15	6.96	12.33915441
19	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	1982	25.72	66.9	2.33	2.23	2.27	11.81985294
20	CARBON	1781	25.65	76	6.72	6.91	6.09	11.78768382
21	TETRAHEDRON-ASYMMETRY	2479	25.22	50.5	4.83	4.61	4.39	11.59007353
22	ANNUAL REVIEW OF PHYSICAL CHEMISTRY	49	24.29	1278.22	25.86	28.15	28.09	11.16268382
23	COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINE...	2842	21.22	41.4	2.99	3.57	3.68	9.751838235
24	JOURNAL OF MOLECULAR STRUCTURE	3152	20.57	35.87	2.86	2.69	2.61	9.453125
25	JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL	2963	20.45	39.31	4.65	4.8	4.5	9.397977941
26	JOURNAL OF PHYSICAL AND CHEMICAL REFERENCE DATA	101	17.72	875.05	5.46	7.29	9.35	8.143382353
27	JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY...	1442	17.16	97.07	7.05	6.99	6.52	7.886029412
28	JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM	3630	16.73	28.57	2.18	2.15	2.03	7.688419118
29	BIOPHYSICAL CHEMISTRY	1523	16.04	90.51	3.64	3.7	3.36	7.371323529
30	FARADAY DISCUSSIONS	417	15.86	276.95	7.05	7.14	6.93	7.288602941
31	CATALYSIS LETTERS	2229	15.63	57.82	4.13	4.21	4.05	7.182904412
32	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMICAL...	2507	13.71	49.76	4.49	4.6	4.03	6.300551471
33	SURFACE SCIENCE REPORTS	56	13.31	1238.4	34.38	36.9	38.63	6.116727941
34	THERMOCHIMICA ACTA	3324	12.96	32.95	2.42	2.43	2.49	5.955882353
35	APPLIED CATALYSIS B-ENVIRONMENTAL	2091	12.7	62.89	7.52	8.3	7.28	5.836397059

No.	Journal	Rank, PII	JII	PII	B2	B4	B6	Rank, JII %
36	MICROPOROUS AND MESOPOROUS MATERIALS	2566	12.17	48.24	6.58	8.12	8.52	5.592830882
37	ADVANCED FUNCTIONAL MATERIALS	1787	12.04	75.6	13.2	12.12	8.09	5.533088235
38	FLUID PHASE EQUILIBRIA	2826	12.03	41.85	3	3.16	3.01	5.528492647
39	EUROPEAN PHYSICAL JOURNAL E	1706	10.98	79.4	5.05	5.93	4.67	5.045955882
40	CHEMPHYSICHEM	2570	10.71	48.17	6.96	6.35	4.6	4.921875
41	SURFACE AND INTERFACE ANALYSIS	2834	9.79	41.59	1.75	1.88	1.84	4.499080882
42	STUDIES IN SURFACE SCIENCE AND CATALYSIS	3198	9.7	35.12	1.83	3.49	3.44	4.457720588
43	ADVANCES IN COLLOID AND INTERFACE SCIENCE	841	9.56	161.4	8.03	9.19	9.07	4.393382353
44	COLLOID AND POLYMER SCIENCE	2662	8.45	45.63	2.47	2.51	2.52	3.883272059
45	INTERNATIONAL JOURNAL OF CHEMICAL KINETICS	1233	8.34	113.41	2.3	2.86	3.06	3.832720588
46	ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL...	2136	7.61	61.15	2.24	1.96	1.64	3.497242647
47	THEORETICAL CHEMISTRY ACCOUNTS	1569	7.56	87.19	4.23	4.81	4.48	3.474264706
48	RADIATION PHYSICS AND CHEMISTRY	3950	7.43	24.17	1.37	1.51	1.54	3.414522059
49	CURRENT OPINION IN COLLOID & INTERFACE SCIENCE	920	7.3	149.08	9.67	11.14	11.19	3.354779412
50	JOURNAL OF CHEMICAL THERMODYNAMICS	2524	7.02	49.23	2.73	2.51	2.16	3.226102941
51	MAGNETIC RESONANCE IN CHEMISTRY	2969	6.88	39.22	3.02	3.02	2.64	3.161764706
52	PROGRESS IN SURFACE SCIENCE	395	5.96	287.02	6.55	7.68	8.89	2.738970588
53	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	4837	5.77	13.93	2.8	2.41	2.04	2.651654412
54	CATALYSIS REVIEWS-SCIENCE AND ENGINEERING	130	5.68	710.32	12.69	21.72	29.7	2.610294118
55	TOPICS IN CATALYSIS	2536	5.49	49	4.98	5	4.77	2.522977941
56	INTERMETALLICS	3376	5.27	32.07	2.98	3.32	3.42	2.421875
57	COLLOIDS AND SURFACES B-BIOINTERFACES	3865	4.97	25.34	2.95	2.9	3.08	2.284007353
58	PHYSICS AND CHEMISTRY OF GLASSES	1896	4.96	70.86	1.25	1.89	1.94	2.279411765
59	JOURNAL OF SOLUTION CHEMISTRY	2182	4.82	59.55	2.17	2.28	2.24	2.215073529
60	ZEITSCHRIFT FUR PHYSIKALISCHE CHEMIE-INTERNATIONAL...	2539	4.38	48.89	2.21	1.23	0.9	2.012867647

No.	Journal	Rank, PII	JII	PII	B2	B4	B6	Rank, JII %
61	STRUCTURE AND BONDING	526	4.32	236.46	5.35	6.24	7.45	1.985294118
62	JOURNAL OF PHYSICAL ORGANIC CHEMISTRY	3378	4.1	32.06	2.96	2.67	2.66	1.884191176
63	INTERNATIONAL JOURNAL OF THERMOPHYSICS	3273	4.06	33.8	1.78	2.03	1.87	1.865808824
64	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY	5451	3.95	9.41	0.81	0.81	0.7	1.815257353
65	INTERNATIONAL REVIEWS IN PHYSICAL CHEMISTRY	456	3.82	263.11	9.61	10.48	11.53	1.755514706
66	PHOTOCHEMICAL & PHOTOBIOLOGICAL SCIENCES	4067	3.67	22.74	3.87	3.02	2.01	1.686580882
67	SOLID STATE SCIENCES	4371	3.52	18.91	3.24	2.78	2.25	1.617647059
68	JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC	4009	3.45	23.44	3.23	3.69	3.26	1.585477941
69	JOURNAL OF SUPERCRITICAL FLUIDS	3341	3.43	32.57	4.16	4.53	4.15	1.576286765
70	ADVANCES IN QUANTUM CHEMISTRY	1351	3.05	103.9	3.79	2.56	3.29	1.401654412
71	SOLID STATE NUCLEAR MAGNETIC RESONANCE	2319	2.81	54.59	2.61	2.7	2.72	1.291360294
72	VIBRATIONAL SPECTROSCOPY	3569	2.77	29.36	3.21	2.96	2.67	1.272977941
73	KINETICS AND CATALYSIS	3900	2.76	24.92	1.32	1.29	1.2	1.268382353
74	JOURNAL OF STRUCTURAL CHEMISTRY	2919	2.74	40.03	1.71	1.89	1.93	1.259191176
75	CALPHAD-COMPUTER COUPLING OF PHASE DIAGRAMS AND TH...	1420	2.72	98.88	4.65	6.49	4.9	1.25
76	REACTION KINETICS AND CATALYSIS LETTERS	4893	1.98	13.41	1.25	1.17	1.07	0.909926471
77	COLLOID JOURNAL	4793	1.72	14.45	0.99	1.02	0.86	0.790441176
78	CATALYSIS COMMUNICATIONS	5163	1.68	11.4	3.49	2.88	1.96	0.772058824
79	JOURNAL OF PHASE EQUILIBRIA AND DIFFUSION	4724	1.57	15.26	0.53	0.85	0.9	0.721507353
80	ADVANCES IN PHYSICAL ORGANIC CHEMISTRY	481	1.5	250.82	2.58	3.92	5.75	0.689338235
81	STRUCTURAL CHEMISTRY	4453	1.2	18.1	2.46	2.17	1.78	0.551470588
82	JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY	4976	1.09	12.76	1.66	1.51	1.34	0.500919118
83	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY C-PHOTO...	1271	0.99	109.81				0.454963235
84	PHYSICS AND CHEMISTRY OF LIQUIDS	4597	0.92	16.38	1.73	1.51	1.29	0.422794118
85	JOURNAL OF POROUS MATERIALS	3548	0.89	29.65	1.26	2.05	2.29	0.409007353

No.	Journal	Rank, PII	JII	PII	B2	B4	B6	Rank, JII %
86	ADSORPTION-JOURNAL OF THE INTERNATIONAL ADSORPTION...	5098	0.88	11.89	2.5	2.86	3.15	0.404411765
87	CHEMISTRY AND PHYSICS OF CARBON	7991	0.84	N/A				0.386029412
88	PROGRESS IN REACTION KINETICS AND MECHANISM	1417	0.66	99.24	1.7	2.14	2.2	0.303308824
89	ADSORPTION SCIENCE & TECHNOLOGY	5007	0.64	12.54	1.55	1.52	1.48	0.294117647
90	TENSIDE SURFACTANTS DETERGENTS	4695	0.6	15.47	1.1	1.08	0.96	0.275735294
91	CONCEPTS IN MAGNETIC RESONANCE PART A	4359	0.46	19.01	3.24	1.62	1.08	0.211397059
92	HIGH ENERGY CHEMISTRY	6032	0.44	5.68	0.88	0.71	0.64	0.202205882
93	ACTA PHYSICO-CHIMICA SINICA	6873	0.41	1.54	0.81	0.78	0.64	0.188419118
94	IONICS	6086	0.4	5.35				0.183823529
95	CHINESE JOURNAL OF CATALYSIS	6832	0.34	1.72	1.25	1.05	0.86	0.15625
96	JOURNAL OF SURFACTANTS AND DETERGENTS	5871	0.29	6.77	1.29	1.28	1.35	0.133272059
97	PETROLEUM CHEMISTRY	6344	0.29	3.96	0.6	0.58	0.49	0.133272059
98	JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES	5564	0.26	8.68	1.48	0.97	1.06	0.119485294
99	FULLERENES NANOTUBES AND CARBON NANOSTRUCTURES	6465	0.26	3.37	1.37	0.82	0.56	0.119485294
100	INTERNATIONAL JOURNAL OF PHOTOENERGY	5839	0.2	6.99	1.52	1.39	1.14	0.091911765
101	DOKLADY PHYSICAL CHEMISTRY	6713	0.17	2.26	0.28	0.25	0.2	0.078125
102	CATALYSIS SURVEYS FROM ASIA	5996	0.14	5.88	2.2	1.12	0.75	0.064338235
103	CONCEPTS IN MAGNETIC RESONANCE PART B-MAGNETIC RES...	6096	0.12	5.29	2.05	1.03	0.68	0.055147059