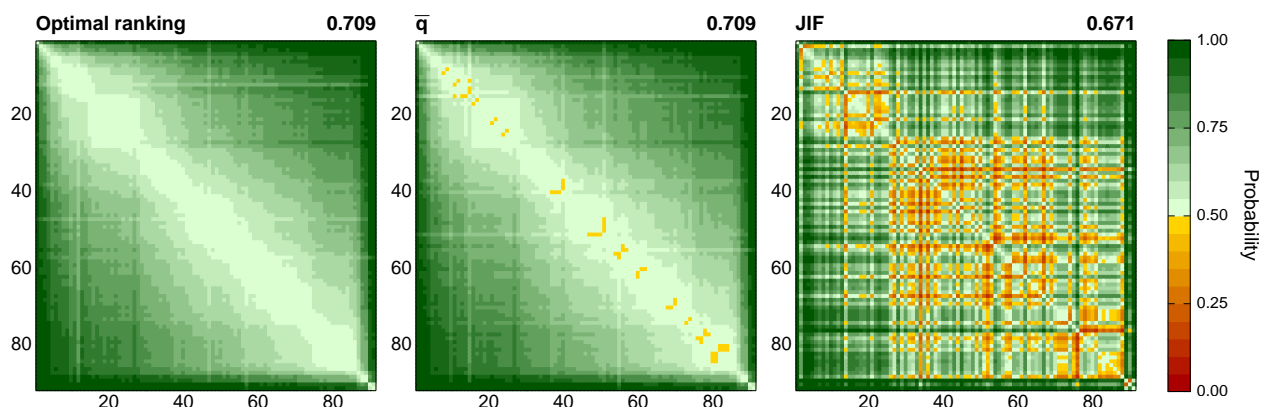


BIOCHEMISTRY & MOLECULAR BIOLOGY

ISI Category Description Biochemistry & Molecular Biology covers resources on general biochemistry and molecular biology topics such as carbohydrates, lipids, proteins, nucleic acids, genes, drugs, toxic substances, and other chemical or molecular constituents of cells, microbes, and higher plants and animals, including humans. Excluded are resources that are focus on biochemistry in cells, tissues or organs and those whose primary focus is the organism of study, e.g. plants, microbes, etc. Excluded, also, are resources that focus on methods in biochemistry or molecular biology.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

Rank		Journal abbreviation	$p_{ss}(q J)$		n			Steady-state period
AUC	JIF		\bar{q}	σ	\bar{n}	Q2	JIF	
1	1	CELL	2.35	0.30	306.3	216	29.194	1994–1997
2	3	EMBO J	1.97	0.33	119.7	85	10.086	1986–1993
3	4	PLANT CELL	1.87	0.34	92.4	72	9.868	1988–1995
4	5	MOL CELL BIOL	1.80	0.33	82.7	57	6.773	1986–1995
5	13	J MOL BIOL	1.70	0.39	89.0	45	4.890	1972–1993
6	10	J BIOL CHEM	1.69	0.33	62.9	45	5.808	1990–1993
7	8	ONCOGENE	1.66	0.36	60.4	41	6.582	1992–1995
8	6	MOL BIOL EVOL	1.60	0.35	72.9	35	6.726	1983–1998
9	23	BIOCHEMISTRY-US	1.60	0.33	52.1	35	3.633	1989–1991
10	7	FASEB J	1.59	0.47	62.0	36	6.721	1986–1998
11	22	PROTEINS	1.53	0.38	69.4	34	3.730	1986–1994
12	2	TRENDS BIOCHEM SCI	1.51	0.56	72.3	36	13.863	1988–2000
13	11	MOL MICROBIOL	1.57	0.32	43.8	33	5.634	1988–1999
14	20	MOL PLANT MICROBE IN	1.52	0.31	41.0	34	3.936	1988–1993
15	16	J LIPID RES	1.52	0.35	44.4	29	4.357	1983–1992
16	28	PROTEIN SCI	1.48	0.38	46.4	29	3.462	1991–1993
17	15	AM J RESP CELL MOL	1.48	0.33	38.3	26	4.593	1988–1998
18	24	EUR J BIOCHEM	1.48	0.36	42.9	26	3.579	1972–1985
19	54	J MEMBRANE BIOL	1.47	0.38	41.2	27	2.112	1973–1988
20	17	J NEUROCHEM	1.47	0.36	41.2	26	4.260	1957–1997
21	9	NUCLEIC ACIDS RES	1.46	0.36	48.6	26	6.317	1992–1994

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Rank		Journal abbreviation	$p_{ss}(q J)$		\bar{n}	Q2	JIF	Steady-state period
AUC	JIF		\bar{q}	σ				
22	25	PLANT MOL BIOL	1.47	0.33	34.9	26	3.577	1989–1994
23	12	FREE RADICAL BIO MED	1.46	0.36	37.4	24	5.440	1986–1997
24	43	PEPTIDES	1.45	0.38	35.4	26	2.701	1979–1983
25	67	J BIOMOL NMR	1.46	0.37	73.5	25	1.791	1991–1995
26	62	DNA CELL BIOL	1.44	0.36	45.5	25	1.905	1989–1991
27	45	MOL BIOCHEM PARASIT	1.44	0.28	31.1	24	2.641	1991–1994
28	18	BIOCHEM J	1.43	0.35	36.7	23	4.100	1982–1990
29	19	CHROMOSOMA	1.38	0.37	34.4	21	4.065	1955–1996
30	40	J MOL EVOL	1.37	0.38	40.4	20	2.767	1971–1999
31	41	MOL CARCINOGEN	1.35	0.36	29.1	20	2.743	1988–1994
32	30	FEBS LETT	1.35	0.38	31.4	19	3.372	1983–1995
33	48	MOL REPROD DEV	1.34	0.37	26.9	18	2.379	1989–1995
34	37	BIOCHEM BIOPH RES CO	1.32	0.40	32.6	18	2.855	1977–1992
35	55	PHOTOCHEM PHOTOBIOLOG	1.32	0.38	28.3	18	2.061	1961–1991
36	33	ARCH BIOCHEM BIOPHYS	1.30	0.36	27.0	17	2.969	1981–1995
37	50	CYTOKINE	1.25	0.36	26.1	16	2.355	1990–1994
38	35	ANAL BIOCHEM	1.28	0.47	67.8	15	2.948	1959–1989
39	78	J BIOMOL STRUCT DYN	1.25	0.38	26.6	15	1.299	1982–1989
40	21	BIOCONJUGATE CHEM	1.25	0.34	23.2	15	3.823	1990–2000
41	69	CARBOHYD RES	1.23	0.36	23.6	14	1.703	1967–1989
42	59	YEAST	1.20	0.34	25.4	14	1.955	1992–1994
43	88	FISH PHYSIOL BIOCHEM	1.20	0.36	19.1	14	0.558	1986–1995
44	60	LIPIDS	1.20	0.35	19.3	13	1.935	1990–1995
45	26	J STRUCT BIOL	1.19	0.36	23.0	13	3.496	1989–2001
46	46	BIOPOLYMERS	1.19	0.36	18.8	13	2.480	1993–1999
47	47	BIOTECHNIQUES	1.15	0.46	45.6	12	2.462	1985–1994
48	42	INSECT BIOCHEM MOLEC	1.18	0.35	17.2	13	2.711	1991–1999
49	39	J STEROID BIOCHEM	1.17	0.36	19.5	12	2.825	1972–2001
50	74	ARCH INSECT BIOCHEM	1.18	0.35	16.9	13	1.474	1982–1994
51	81	PESTIC BIOCHEM PHYS	1.16	0.38	18.2	12	1.189	1975–1993
52	66	CHEM-BIOL INTERACT	1.15	0.35	17.8	12	1.800	1985–1995
53	14	MOL IMMUNOL	1.14	0.37	17.9	11	4.768	1978–1999
54	56	MOL CELL PROBE	1.11	0.35	17.5	10	2.016	1989–1994
55	64	J CHEM ECOL	1.11	0.31	14.4	10	1.896	1995–1998
56	79	CAN J MICROBIOL	1.10	0.39	17.3	11	1.275	1954–1995
57	29	J CELL BIOCHEM	1.11	0.55	19.0	11	3.409	1994–1999
58	61	J PHOTOCHEM PHOTOBIO B	1.10	0.37	15.2	10	1.909	1987–1998
59	44	J INORG BIOCHEM	1.08	0.35	13.8	10	2.654	1984–2000
60	77	INT J BIOL MACROMOL	1.07	0.38	15.5	9	1.323	1978–2000
61	31	BIOCHIMIE	1.06	0.39	16.3	9	3.237	1971–2002
62	65	PROTEIN EXPRES PURIF	1.07	0.35	12.8	9	1.867	1991–1998
63	68	BIOPHYS CHEM	1.04	0.37	14.1	9	1.784	1982–1999
64	53	NEUROCHEM RES	1.03	0.37	14.0	9	2.139	1978–1997

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Rank		Journal abbreviation	$P_{ss}(q J)$		n		Steady-state	
AUC	JIF		\bar{q}	σ	\bar{n}	Q2	JIF	period
65	38	STEROIDS	1.02	0.35	13.5	8	2.849	1986–2001
66	32	NEUROCHEM INT	1.02	0.36	12.9	8	3.159	1981–2002
67	80	BIOSCI BIOTECH BIOCH	1.00	0.35	12.1	8	1.256	1991–1994
68	27	BIOCHEM CELL BIOL	1.00	0.36	13.1	8	3.483	1985–2000
69	49	CHEM PHYS LIPIDS	1.00	0.36	12.1	8	2.371	1994–2002
70	70	PLANT SCI	1.00	0.32	11.0	8	1.631	1993–2001
71	63	BIOTECHNOL APPL BIOC	0.98	0.37	11.4	7	1.903	1986–1999
72	87	Z NATURFORSCH C	0.96	0.35	11.6	7	0.720	1987–1991
73	51	MAMM GENOME	0.96	0.39	12.5	7	2.279	1997–2002
74	57	PROCESS BIOCHEM	0.96	0.37	10.3	7	2.008	1990–2000
75	83	BIOL TRACE ELEM RES	0.91	0.37	10.1	6	1.007	1979–1998
76	58	COMP BIOCHEM PHYS C	0.89	0.37	9.5	6	1.991	1985–2002
77	86	BIOCHEM GENET	0.90	0.40	9.4	6	0.876	1986–1997
78	85	BIOCHEM SYST ECOL	0.89	0.36	9.2	6	0.906	1980–1994
79	71	BIOMED CHROMATOGR	0.90	0.39	8.3	6	1.611	1988–1999
80	36	J NUTR BIOCHEM	0.87	0.37	9.1	6	2.945	1989–2002
81	72	COMP BIOCHEM PHYS A	0.87	0.36	8.6	6	1.553	1986–2002
82	73	COMP BIOCHEM PHYS B	0.87	0.35	8.6	6	1.532	1987–2001
83	84	CELL MOL BIOL	0.87	0.36	8.5	5	0.959	1990–1995
84	82	APPL BIOCHEM BIOTECH	0.87	0.40	9.3	6	1.102	1981–1996
85	75	J BIOCHEM BIOPH METH	0.83	0.39	9.5	5	1.403	1986–2001
86	52	PROTAG LEUKOTR ESS	0.80	0.34	7.1	5	2.261	2000–2003
87	34	BIOCHEM SOC T	0.69	0.49	7.7	3	2.962	1974–2006
88	90	INDIAN J BIOCHEM BIO	0.49	0.39	3.6	2	0.277	1974–1999
89	76	BIOCHEMISTRY-MOSCOW+	0.47	0.34	2.9	2	1.368	1998–2002
90	89	MOL BIOL+	-0.25	0.51	0.6	0	0.330	1981–2000
91	91	J EVOL BIOCHEM PHYS+	-0.76	0.61	0.2	0	0.206	1983–2003