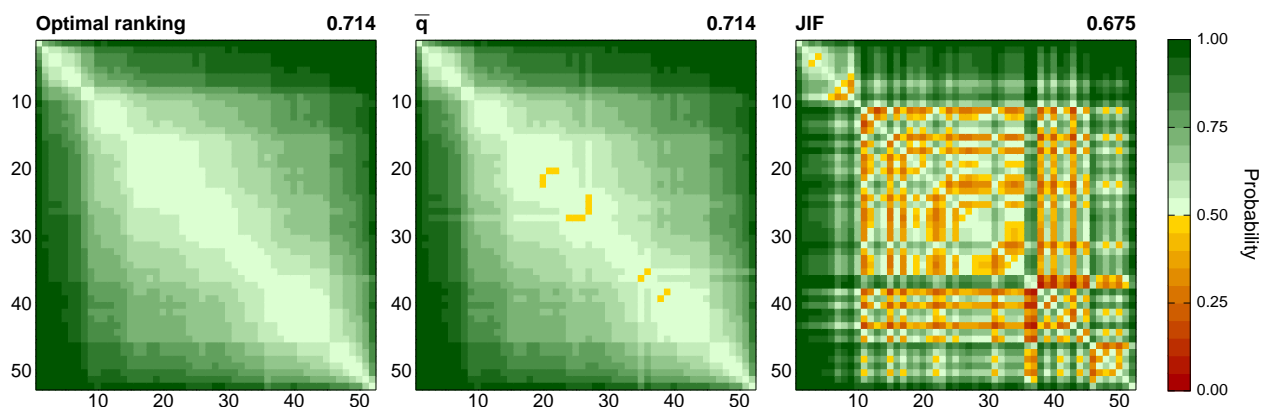


CELL BIOLOGY

ISI Category Description Cell Biology includes resources on all aspects of the structure and function of eukaryotic cells. The principle characteristic of resources in this category is an emphasis on the integration at the cellular level of biochemical, molecular, genetic, physiological, and pathological information. This category considers material on specific tissues, differentiated as well as embryonic.



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	
AUC	JIF		\bar{q}	σ	\bar{n}	Q2	JIF	period
1	1	CELL	2.35	0.30	306.3	216	29.194	1994–1997
2	2	GENE DEV	2.04	0.30	143.5	106	15.050	1988–1996
3	4	EMBO J	1.97	0.33	119.7	85	10.086	1986–1993
4	3	J CELL BIOL	1.95	0.31	111.7	84	10.152	1990–1995
5	5	PLANT CELL	1.87	0.34	92.4	72	9.868	1988–1995
6	9	MOL BIOL CELL	1.80	0.33	90.6	66	6.562	1991–1992
7	6	MOL CELL BIOL	1.80	0.33	82.7	57	6.773	1986–1995
8	8	ONCOGENE	1.66	0.36	60.4	41	6.582	1992–1995
9	7	FASEB J	1.59	0.47	62.0	36	6.721	1986–1998
10	10	J CELL SCI	1.53	0.46	41.3	30	6.427	1991–1997
11	43	J NEUROCYTOL	1.49	0.37	43.7	27	1.695	1971–1990
12	13	AM J RESP CELL MOL	1.48	0.33	38.3	26	4.593	1988–1998
13	38	J MEMBRANE BIOL	1.47	0.38	41.2	27	2.112	1973–1988
14	40	DNA CELL BIOL	1.44	0.36	45.5	25	1.905	1989–1991
15	20	J CELL PHYSIOL	1.39	0.41	35.4	21	3.638	1965–1993
16	18	EXP CELL RES	1.35	0.38	33.9	19	3.777	1955–1996
17	24	FEBS LETT	1.35	0.38	31.4	19	3.372	1983–1995
18	14	J LEUKOCYTE BIOL	1.34	0.34	27.8	18	4.572	1987–1999
19	27	CELL MOTIL CYTOSKEL	1.34	0.33	26.3	19	3.089	1979–1997
20	16	CELL CALCIUM	1.33	0.37	32.0	18	4.118	1979–1994
21	26	HISTOPATHOLOGY	1.33	0.34	28.8	18	3.216	1976–1994
22	34	MOL REPROD DEV	1.34	0.37	26.9	18	2.379	1989–1995
23	33	J HISTOCHEM CYTOCHEM	1.31	0.35	27.5	17	2.449	1987–1997

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Rank		Journal abbreviation	$p_{ss}(q J)$		\bar{n}	Q2	JIF	Steady-state period
AUC	JIF		\bar{q}	σ				
24	35	CYTOKINE	1.25	0.36	26.1	16	2.355	1990–1994
25	28	EUR J CELL BIOL	1.29	0.39	25.3	16	3.039	1979–1994
26	19	DIFFERENTIATION	1.26	0.39	26.0	15	3.745	1973–1999
27	12	J MOL CELL CARDIOL	1.26	0.36	21.9	15	4.859	1991–2001
28	29	MOL CELL ENDOCRINOL	1.25	0.33	21.4	15	2.918	1982–1997
29	30	CELL TISSUE RES	1.25	0.34	22.6	15	2.580	1986–1992
30	45	PROTOPLASMA	1.22	0.35	19.8	14	1.333	1971–1992
31	21	J STRUCT BIOL	1.19	0.36	23.0	13	3.496	1989–2001
32	25	PLANT CELL PHYSIOL	1.18	0.36	18.7	13	3.324	1958–1998
33	42	CELL IMMUNOL	1.15	0.38	18.9	12	1.709	1979–2000
34	32	TISSUE ANTIGENS	1.14	0.40	20.2	11	2.462	1971–1999
35	39	MOL CELL PROBE	1.11	0.35	17.5	10	2.016	1989–1994
36	23	J CELL BIOCHEM	1.11	0.55	19.0	11	3.409	1994–1999
37	50	ACTA CYTOL	1.06	0.38	14.6	9	0.793	1961–1995
38	17	MECH AGEING DEV	1.04	0.35	14.0	9	3.846	1989–2002
39	48	ANAL QUANT CYTOL	1.04	0.37	13.5	9	0.989	1978–1993
40	11	CELL SIGNAL	1.03	0.31	11.6	8	4.887	1989–2002
41	41	MOL CELL BIOCHEM	1.02	0.39	14.4	8	1.862	1973–1999
42	22	BIOCHEM CELL BIOL	1.00	0.36	13.1	8	3.483	1985–2000
43	15	BIOL CELL	0.98	0.37	11.7	8	4.303	1985–2000
44	44	DEV GROWTH DIFFER	0.98	0.39	12.0	7	1.545	1968–2000
45	31	IMMUNOL CELL BIOL	0.97	0.40	11.8	7	2.482	1986–2002
46	47	TISSUE CELL	0.87	0.33	8.6	6	1.094	1988–1999
47	49	CELL MOL BIOL	0.87	0.36	8.5	5	0.959	1990–1995
48	36	PROSTAG LEUKOTR ESS	0.80	0.34	7.1	5	2.261	2000–2003
49	51	ACTA HISTOCHEM CYTOC	0.74	0.41	7.6	4	0.429	1973–1990
50	37	HISTOL HISTOPATHOL	0.70	0.37	5.6	3	2.182	1985–2001
51	46	ACTA HISTOCHEM	0.53	0.50	4.6	2	1.167	1960–2003
52	52	BIOL MEMBRANY	0.23	0.41	1.7	1	0.318	1990–2001