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IV. SUBJECT CATEGORY LISTING 1994

SECTION-I

JOURNALS RANKED BY IMPACT FACTOR WITHIN CATEGORY

RANK	TITLE	IMPACT FACTOR	CITED HALF-LIFE	RANK	TITLE	IMPACT FACTOR	CITED HALF-LIFE	RANK	TITLE	IMPACT FACTOR	CITED HALF-LIFE
PHYSICS, MATHEMATICAL				(CONTINUED) PHYSIOLOGY				(CONTINUED) PLANT SCIENCES			
1	COMMUN MATH PHYS	2.282	7.4	29	LYMPHOLOGY	1.136	6.8	73	J AQUAT PLANT MANAGE	0.507	6.8
2	PHYSICA D	2.070	5.7	30	RENAL PHYSIOL BIOCH	1.111	7.0	74	J ETHNOPHARMACOL	0.500	6.3
3	PHYS REV E	1.888	1.3	31	PHYSIOL BEHAV	1.110	8.4	75	IN VITRO CELL DEV-PL	0.494	
4	COMPUT PHYS COMMUN	1.566	6.7	32	RESP PHYSIOL	1.048	> 10.0	76	Z PFLANZ BODENKUNDE	0.474	> 8.2
5	J STAT PHYS	1.524	6.6	32	J COMP PHYSIOL B	1.048	5.4	77	SILVAE GENET	0.473	> 10.0
6	NONLINEARITY	1.474	3.7	32	J PHYSIOL-PARIS	1.029	> 10.0	78	PHOTOSYNTHETICA	0.457	7.7
7	MOD PHYS LETT A	1.172	3.5	35	CHRONOBIOLOG INT	1.021	4.2	78	NORD J BOT	0.457	7.2
8	J COMPUT PHYS	1.084	> 10.0	36	CLIN PHYSIOL	0.948	7.1	80	WEED RES	0.445	> 10.0
9	LETT MATH PHYS	1.056	7.1	37	CLIN EXP HYPERTENS B	0.941	6.6	81	PHYTOPARASITICA	0.438	7.5
10	INVERSE PROBL	0.980	> 10.0	38	EUR J APPL PHYSIOL O	0.924	6.4	82	BOT J LINN SOC	0.428	8.6
11	J MATH PHYS	0.969	> 10.0	39	INT J PSYCHOPHYSIOL	0.875	4.8	83	TAXON	0.422	> 10.0
12	INT J MOD PHYS B	0.860	3.2	40	CLIN PHYS PHYSIOL M	0.795	5.5	84	NETH J PLANT PATHOL	0.419	8.4
13	J ELECTROMAGNET WAVE	0.514	3.3	41	HYPERTENS PREGNANCY	0.793		85	CAN J PLANT SCI	0.407	> 10.0
14	THEOR MATH PHYS +	0.395	> 10.0	42	INT J PANCREATOL	0.712	3.7	86	RUSS J PLANT PHYS +	0.400	
15	COMP MATH MATH PHYS +	0.011		43	J ELECTROMYOGR KINES	0.685	5.3	86	NEW ZEAL J BOT	0.400	> 10.0
PHYSICS, MECHANICS				44	Cryo-LETT	0.655	5.6	88	J PLANT RES	0.394	
SEE MECHANICS				45	J DEV PHYSIOL	0.656	5.6	88	COMMUN SOIL SCI PLAN	0.394	6.9
PHYSICS, NUCLEAR				46	COMP BIOCHEM PHYS A	0.640	8.8	90	ANN BOT FENN	0.385	> 10.0
1	ADV ATOM MOL OPT PHY	5.636	9.8	47	GEN PHYSIOL BIOPHYS	0.633	4.8	91	BRYOLOGIST	0.379	9.9
2	ANNU REV NUCL PART S	5.471	7.1	48	PHYSIOL MEAS	0.529		92	NOVA HEDWIGIA	0.378	> 10.0
3	NUCL PHYS B	3.722	6.1	49	NEUROPHYSIOL CLIN	0.469	8.0	93	J PHYTOPATHOL	0.348	5.1
4	ATOM DATA NUCL DATA	2.545	> 10.0	50	ARCH INT PHYSIOL BIO	0.467		94	ANGREW BOT	0.324	6.9
5	NUCL FUSION	2.475	5.9	51	JPN J PHYSIOL	0.458	9.7	95	BRITTONIA	0.323	> 10.0
6	PHYS REV C	1.842	6.3	52	PHYSIOL RES	0.318		96	ECOEN BOT	0.313	> 10.0
7	NUCL PHYS A	1.821	7.8	53	TRACE ELEM ELECTROLY	0.306	5.2	97	JPN J BREED	0.306	5.8
8	INT J MOD PHYS A	1.519	3.4	54	PHYSIOL CHEM PHYS M	0.295	> 10.0	97	WEED TECHNOL	0.306	4.1
9	PROG PART NUCL PHYS	1.354	4.8	55	ZH VYSSH NERV DEYAT +	0.251	6.2	99	BOT BULL ACAD SINICA	0.262	
10	Z PHYS A-HADRON NUCL	1.326	6.9	56	INT J BIOMETEOROL	0.250	9.5	100	GRANA	0.255	7.3
11	MOD PHYS LETT A	1.172	3.5	57	REV ESP FISIOLOG	0.190	7.5	101	IAWA J	0.230	
12	J PHYS G NUCL PART C	1.142	4.7	58	J WILDERNESS MED	0.130		102	Z PFLANZENK PFLANZEN	0.208	8.7
13	NUCL INSTRUM METH B	1.073	4.3	PLANNING & DEVELOPMENT				103	FLORA	0.193	> 10.0
14	SOV J NUCL PHYS +	0.712	9.4	1	TRANSPORTATION	0.538	4.7	104	AM FERN J	0.192	> 10.0
15	HYPERFINE INTERACT	0.590	4.6	PLANT SCIENCES				105	ISRAEL J BOT	0.190	> 10.0
16	ENERG CONVERS MANAGE	0.290	2.9	1	ANNU REV PLANT PHYS	14.809	7.8	106	PHYTOPROTECTION	0.179	
17	HIGH ENERG PHYS NUCL	0.215		2	ADV BOT RES	9.250	9.0	107	S AFR J BOT	0.169	6.3
18	PHYS ATOM NUCL +	0.068		3	PLANT CELL	9.847	3.1	108	PLANT FOOD HUM NUTR	0.168	
PHYSICS, OPTICS				4	PLANT J	3.947	1.8	108	BIOL PLANTARUM	0.168	9.6
SEE OPTICS				5	CRIT REV PLANT SCI	4.146	3.7	110	ACTA PHYTOPATHOL HUM	0.165	
PHYSICS, PARTICLES & FIELDS				6	ANNU REV PHYTOPATHOL	4.106	8.3	111	J BRYOL	0.162	
1	ANNU REV NUCL PART S	5.471	7.1	7	MOL PLANT MICROBE IN	3.920	3.1	112	SEED SCI TECHNOL	0.161	> 10.0
2	PHYS REV D	3.233	6.1	8	BOT REV	3.846	> 10.0	113	B SOC BOT FR-LETT	0.156	
3	Z PHYS C PART FIELDS	2.313	4.5	9	PLANT PHYSIOL	3.542	6.3	113	CRYPTOGAMIE BRYOL L	0.156	
4	INT J MOD PHYS A	1.519	3.4	10	PLANT MOL BIOL	3.415	3.7	115	SELG J BOT	0.137	
5	PROG PART NUCL PHYS	1.354	4.8	11	ANN MO BOT GARD	3.337	6.5	116	RHODORA	0.134	> 10.0
6	Z PHYS A-HADRON NUCL	1.326	6.9	12	PLANTA	3.300	7.6	117	CRYPTOGAMIE ALGOL	0.130	
7	NUCL INSTRUM METH A	1.188	4.0	12	PHOTOSYNTH RES	2.903	4.5	118	BLUMEA	0.118	
8	MOD PHYS LETT A	1.172	3.5	13	PLANT CELL ENVIRON	2.291	4.6	119	BOT HELV	0.100	
9	J PHYS G NUCL PART C	1.142	4.7	14	PHYTOPATHOLOGY	2.222	> 10.0	120	BOTHALIA	0.095	
10	SOV J NUCL PHYS +	0.712	9.4	15	AUST J PLANT PHYSIOL	2.122	8.1	121	PAKISTAN J BOT	0.088	
11	NUOVO CIMENTO A	0.487	> 10.0	16	PLANT CELL PHYSIOL	1.957	6.6	122	ACTA BOT GALLICA	0.083	
12	HIGH ENERG PHYS NUCL	0.215		17	J PHYCOL	1.932	7.4	122	B SOC BOT FR-LETT	0.083	
13	PHYS ATOM NUCL +	0.068		18	NEW PHYTOT	1.896	7.5	123	ACTA PHYSIOL PLANT	0.068	
PHYSICS, POLYMER				19	AM J BOT	1.776	> 10.0	125	ACTA SOC BOT POL	0.052	> 10.0
SEE POLYMER SCIENCE				20	EXP MYCOL	1.736	6.2	126	SOV PLANT PHYSIOL +	0.051	
PHYSICS, SOLID STATE				21	SYST BOT	1.714	4.4	127	PHYTON-ANN REI BOT A	0.027	
SEE PHYSICS, CONDENSED MATTER				22	BOT ACTA	1.652	3.4	128	PHYTON-INT J EXP BOT	0.023	
PHYSICS, SPECTROSCOPY				23	PLANT CELL REP	1.590	4.6	129	BANGLADESH J BOTANY	0.010	
SEE SPECTROSCOPY				24	SEX PLANT REPROD	1.556	3.4	130	FOLIA GEOBOT PHYTOTX	0.000	
PHYSIOLOGY				25	PHYSIOL PLANTARUM	1.507	8.7	PNEUMOLOGY			
1	PHYSIOL REV	16.286	8.4	26	J NAT PRODUCTS	1.498	4.5	SEE RESPIRATORY SYSTEM			
2	ANNU REV PHYSIOL	12.173	5.8	27	J EXP BOT	1.463	7.7	POLYMER SCIENCE			
3	REV PHYSIOL BIOCH P	9.667	8.2	28	PHYTOCHEM ANALYSIS	1.395	2.5	1	ADV POLYM SCI	3.182	> 10.0
4	J GEN PHYSIOL	4.922	9.5	29	INT J PLANT SCI	1.375	2.2	2	MACROMOLECULES	3.015	5.4
5	ADV MICROB PHYSIOL	4.750	> 10.0	30	PHYSIOL MOL PLANT P	1.354	5.0	3	PROG POLYM SCI	2.740	4.0
6	J PHYSIOL-LONDON	4.741	8.6	31	PLANT SCI	1.257	6.1	4	MACROMOL RAPID COMM	1.627	6.5
7	J NEUROPHYSIOL	4.001	7.5	32	PHYCOLOGIA	1.232	8.0	5	J MEMBRANE SCI	1.492	3.4
8	AM J PHYSIOL	3.276	9.8	33	PHYTOCHEMISTRY	1.157	7.6	6	J BIOMAT SCI-POLYM E	1.418	2.9
9	J CELL PHYSIOL	3.096	6.0	35	AUST J BOT	1.147	> 10.0	7	CARBONHYD POLYM	1.381	4.3
10	PFLUG ARCH EUR J PHY	2.921	7.9	36	J PLANT GROWTH REGUL	1.109	4.4	8	POLYMER	1.360	6.8
11	J VASC RES	2.768	2.2	37	J PLANT PHYSIOL	1.088	5.2	9	J POLYM SCI POL PHYS	1.350	> 10.0
12	CURR TOP CELL REGUL	2.667	> 10.0	38	ANN BOT-LONDON	1.066	> 10.0	9	MACROMOL CHEM PHYS	1.350	9.5
13	PSYCHOPHYSIOLOGY	2.659	8.6	39	VEGETATIO	1.049	7.3	11	J MACROMOL SCI R M C	1.348	9.6
14	NEWS PHYSIOL SCI	2.205	3.6	40	PLANTA MED	1.044	7.6	12	J POLYM SCI POL CHEM	1.299	> 10.0
15	CHEM SENSES	1.881	5.1	41	TREE PHYSIOL	1.030	4.3	13	J MATER SCI-MATER M	1.102	2.8
16	J APPL PHYSIOL	1.852	8.5	42	PLANT PHYSIOL BIOCH	0.967	4.6	14	RUBBER CHEM TECHNOL	1.056	> 10.0
17	PESTIC BIOCHEM PHYS	1.851	6.6	43	PLANT SYST EVOL	0.922	5.7	15	COLOR POLYM SCI	1.020	7.7
18	ACTA PHYSIOL SCAND	1.745	> 10.0	44	TREES-STRUCT FUNCT	0.921	4.8	16	J INORG ORGANOMET P	1.019	2.9
19	J COMP PHYSIOL A	1.723	5.5	45	PLANT GROWTH REGUL	0.913	4.6	17	POLYM BULL	0.931	6.2
20	J SLEEP RES	1.706	2.2	46	ENVIRON EXP BOT	0.907	6.0	18	POLYM J	0.905	7.7
21	ARCH INSECT BIOCHEM	1.669	4.6	47	PLANT PATHOL	0.873	6.0	19	MACROMOL SYMP	0.895	3.8
22	EXP PHYSIOL	1.556	2.9	48	BRIT PHYCOL J	0.844	> 10.0	20	J APPL POLYM SCI	0.870	8.8
23	PHYSIOL ZOOL	1.461	8.3	49	AQUAT BOT	0.793	8.2	21	POLYM ENG SCI	0.858	8.4
24	PANCREAS	1.377	4.4	50	CAN J BOT	0.788	> 10.0	22	ACTA POLYM	0.853	6.0
25	CAN J PHYSIOL PHARM	1.344	7.2	51	ACTA BOT NEERL	0.775	9.6	23	POLYM DEGRAD STABIL	0.815	5.3
26	Q J EXP PSYCHOL-B	1.275	5.9	52	BOT MAG TOKYO	0.772	> 10.0	24	POLYM INT	0.778	2.2
27	CRYOBIOLOGY	1.250	7.9	53	PLANT CELL TISS ORG	0.745	4.7	25	J MACROMOL SCI PHYS	0.768	> 10.0
28	CLIN EXP PHARMACOL P	1.184	5.3	54	J VEG SCI	0.739	3.1	26	EUR POLYM J	0.719	9.0
				55	UCHENOLOGIST	0.714	8.5	26	POLYM COMPOSITE	0.719	5.8
				56	PLANT SOIL	0.714	8.0	28	J MACROMOL SCI PURE	0.616	> 10.0
				57	PLANT DIS	0.676	8.6	29	REACT POLYM	0.600	5.1
				58	WEED SCI	0.670	9.5	30	J BIOACT COMPAT POL	0.587	4.8
				59	CAN PLANT DIS SURV	0.667		31	VYSOKOMOL SOEDIN A +	0.551	> 10.0
				60	EVOL TREND PLANT	0.640		32	ANGEW MAKROMOL CHEM	0.548	8.5
				61	RUSS PLANT PHYSIOL +	0.620	7.9	33	J COMPOS TECH RES	0.472	4.0
				62	EUR J PHYCOL	0.600		34	POLYM TEST	0.433	4.8
				63	PLANT BREEDING	0.600	4.9	35	INT POLYM PROC	0.427	4.1
				64	J PLANT NUTR	0.589	6.5	36	PLAST RUB COMPOS PRO	0.400	3.9
				65	BIOCONTROL SCI TECHN	0.581		37	KALT GUMMI KUNSTST	0.355	4.1
				66	EUPHYTICA	0.579	8.1	38	POLYM-PLAST TECHNOL	0.326	5.0
				67	B TORREY BOT CLUB	0.573	> 10.0	39	VYSOKOMOL SOEDIN B	0.279	8.8
				67	CAN J PLANT PATHOL	0.573	6.8	40	KOBUNSHI RONBUNSHU	0.275	7.4
				69	BIOCHEM PHYSIOL PFL	0.565	10.0	41	J POLYM ENG	0.265	
				70	MAYDICA	0.560	5.1	42	CELL POLYM	0.233	
				71	GRASS FORAGE SCI	0.532	5.9	43	KUNSTST-PLAST EUR	0.218	6.0
				72	REV PALAEOBOT PALYNO	0.510	8.2	44	INT J POLYM MATER	0.160	4.6