

Joseph Arditti

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

108
papers

1,826
citations

21
h-index

39
g-index

117
ext. papers

2,058
ext. citations

4.3
avg, IF

4.37
L-index

#	Paper	IF	Citations
108	Methods for Specific Genera 2017 , 699-1560		
107	Methods for Specific Genera 2017 , 1561-1927		
106	General Outline of Techniques and Procedures 2017 , 73-168		
105	Methods for Specific Genera 2017 , 169-698		
104	Appendix Three: Some Sites of Interest on the World Wide Web 2017 , 2085-2087		
103	Appendix One: General Information on Supplies, Equipment, Terms, and Reagents 2017 , 2061-2079		
102	Appendix Ten: Computer Letters and Symbol Codes 2017 , 2150-2154		
101	Appendix Eleven: Photographing Cultures in Flasks 2017 , 2155-2156		
100	Appendix Two: Sources of Supplies and Equipment 2017 , 2080-2084		
99	Appendix Four: Light 2017 , 2088-2092		
98	Appendix Five: Formulary 2017 , 2093-2105		
97	Appendix Six: Atomic Weights, Concentrations, Exponents, Greek and Roman Letters, Ions, Measurements, Molecular Weights, Prefixes, Valences, Units, and Solutions 2017 , 2106-2115		
96	Appendix Seven: Additional Information 2017 , 2116-2123		0
95	Appendix Nine: Media 2017 , 2138-2149		
94	General Subject Index 2017 , 2180-2316		
93	Dr. Tim Wing Yam 2017 , 2179-2179		
92	Appendix Eight: Plant Preservative Mixture 2017 , 2124-2137		1

91	2017,		6
90	Good Heavens what insect can suck it! Charles Darwin, <i>Angraecum sesquipedale</i> and <i>Xanthopan morgani praedicta</i> . <i>Botanical Journal of the Linnean Society</i> , 2012 , 169, 403-432	2.2	46
89	"The orchids have been a splendid sport"--an alternative look at Charles Darwin's contribution to orchid biology. <i>American Journal of Botany</i> , 2009 , 96, 2128-54	2.7	14
88	History-Pollination 2009 , 233-249		7
87	History of orchid propagation: a mirror of the history of biotechnology. <i>Plant Biotechnology Reports</i> , 2009 , 3, 1-56	2.5	74
86	Biblical And Talmudic Literature 2009 , 141-157		
85	History-Biography 2002 , 1-81		1
84	Embryology-Seeds 2002 , 287-385		13
83	History-Seeds 2002 , 387-504		5
82	Tansley Review No. 110.: Numerical and physical properties of orchid seeds and their biological implications. <i>New Phytologist</i> , 2000 , 145, 367-421	9.8	377
81	Orchid micropropagation: the path from laboratory to commercialization and an account of several unappreciated investigators. <i>Botanical Journal of the Linnean Society</i> , 1996 , 122, 183-241	2.2	19
80	Chlorophyll formation in flowers and fruits of <i>Phalaenopsis</i> (Orchidaceae) species and hybrids following pollination. <i>American Journal of Botany</i> , 1995 , 82, 1089-1094	2.7	3
79	Chlorophyll formation in flowers and fruits of <i>Phalaenopsis</i> (Orchidaceae) species and hybrids following pollination 1995 , 82, 1089		5
78	Effects of ozone and sulfur dioxide on four epiphytic bromeliads. <i>Environmental and Experimental Botany</i> , 1992 , 32, 25-32	5.9	8
77	EFFECTS OF ETHEPHON, ITS NONETHYLENE-GENERATING ANALOG ETHYLPHOSPHONIC ACID, AND PHOSPHOROUS ACID IN ASEPTIC CULTURE OF ORCHID SEEDLINGS. <i>American Journal of Botany</i> , 1992 , 79, 275-278	2.7	1
76	EFFECTS OF ETHEPHON, ITS NONETHYLENE-GENERATING ANALOG ETHYLPHOSPHONIC ACID, AND PHOSPHOROUS ACID IN ASEPTIC CULTURE OF ORCHID SEEDLINGS 1992 , 79, 275		4
75	Callus formation and plantlet development from axillary buds of taro. <i>Planta</i> , 1990 , 180, 458-460	4.7	11
74	Plant regeneration in vitro of South Pacific taro (<i>Colocasia esculenta</i> var. <i>esculenta</i> cv. <i>Akalomamale</i> , Aracea). <i>Plant Cell Reports</i> , 1990 , 9, 229-32	5.1	5

73	Callus formation and plantlet development from axillary buds of taro. <i>Planta</i> , 1990 , 180, 458-60	4.7	3
72	CARBOHYDRATE PHYSIOLOGY OF ORCHID SEEDLINGS. III. HYDROLYSIS OF MALTOOLIGOSACCHARIDES BY PHALAENOPSIS (ORCHIDACEAE) SEEDLINGS. <i>American Journal of Botany</i> , 1990 , 77, 188-195	2.7	6
71	Effects of ozone and sulfur dioxide on two epiphytic orchids. <i>Environmental and Experimental Botany</i> , 1990 , 30, 207-213	5.9	5
70	CARBOHYDRATE PHYSIOLOGY OF ORCHID SEEDLINGS. III. HYDROLYSIS OF MALTOOLIGOSACCHARIDES BY PHALAENOPSIS (ORCHIDACEAE) SEEDLINGS 1990 , 77, 188		5
69	Postpollination Phenomena in Orchid Flowers. XII. Effects of Pollination, Emasculation, and Auxin Treatment on Flowers of <i>Cattleya Porcia</i> 'Cannizaro' and the Rostellum of <i>Phalaenopsis</i> . <i>Botanical Gazette</i> , 1984 , 145, 43-49		9
68	An history of orchid hybridization, seed germination and tissue culture. <i>Botanical Journal of the Linnean Society</i> , 1984 , 89, 359-381	2.2	21
67	Effects of Orchinol, Loroglossol, Dehydroorchinol, Batatasin III, and 3,4'-Dihydroxy-5-Methoxydihydrostilbene on Orchid Seedlings. <i>Botanical Gazette</i> , 1984 , 145, 298-301		3
66	Opening and Resupination in Buds and Flowers of <i>Dendrobium</i> (Orchidaceae) Hybrids. <i>Botanical Gazette</i> , 1984 , 145, 215-221		9
65	Seed Germination of North American Orchids. II. Native California and Related Species of <i>Aplectrum</i> , <i>Cypripedium</i> , and <i>Spiranthes</i> . <i>Botanical Gazette</i> , 1984 , 145, 495-501		31
64	Biological effects of surfactants: Part 6 Effects of anionic, non-ionic and amphoteric surfactants on a green alga (<i>Chlamydomonas</i>). <i>Environmental Pollution Series A, Ecological and Biological</i> , 1983 , 31, 159-175		15
63	Niacin Biosynthesis in Seedlings of <i>Zea mays</i> . <i>Plant Physiology</i> , 1982 , 69, 553-6	6.6	16
62	Postpollination Phenomena in Orchid Flowers. X. Transport and Fate of Auxin. <i>Botanical Gazette</i> , 1982 , 143, 286-293		31
61	POST-POLLINATION PHENOMENA IN ORCHID FLOWERS. XI. AUTOGAMY IN PHAJUS TANKERVILLIAE (AITON) BL, ORCHIDACEAE. <i>American Journal of Botany</i> , 1982 , 69, 335-338	2.7	3
60	BIOLOGICAL EFFECTS OF SURFACTANTS. V. GROWTH AND ANTHOCYANIN PRODUCTION BY CALLUS CULTURES OF DIMORPHOTHECA. <i>American Journal of Botany</i> , 1982 , 69, 1340-1345	2.7	3
59	NIACIN BIOSYNTHESIS IN LEAF DISCS AND SEEDLINGS OF <i>CATTLEYA SKINNERI</i> (ORCHIDACEAE). <i>New Phytologist</i> , 1982 , 91, 621-628	9.8	2
58	BIOLOGICAL EFFECTS OF SURFACTANTS. V. GROWTH AND ANTHOCYANIN PRODUCTION BY CALLUS CULTURES OF DIMORPHOTHECA 1982 , 69, 1340		3
57	POST-POLLINATION PHENOMENA IN ORCHID FLOWERS. XI. AUTOGAMY IN PHAJUS TANKERVILLIAE (AITON) BL, ORCHIDACEAE 1982 , 69, 335		4
56	Seed Germination of North American Orchids. I. Native California and Related Species of <i>Calypso</i> , <i>Epipactis</i> , <i>Goodyera</i> , <i>Piperia</i> , and <i>Platanthera</i> . <i>Botanical Gazette</i> , 1981 , 142, 442-453		48

55	ANALYSIS OF TRYPTOPHAN AND ITS METABOLITES BY REVERSE-PHASE HIGH-PRESSURE LIQUID CHROMATOGRAPHY. <i>New Phytologist</i> , 1981 , 88, 621-626	9.8	5
54	Monolinolein as a selective fungus inhibitor from <i>Cymbidium</i> , Orchidaceae. <i>Mycopathologia</i> , 1980 , 70, 131-134	2.9	8
53	Biological effects of surfactants, IV. Effects of non-ionics and amphoteric on HeLa cells. <i>Toxicology</i> , 1980 , 15, 233-42	4.4	26
52	MORPHOMETRY OF ORCHID SEEDS. III. NATIVE CALIFORNIA AND RELATED SPECIES OF GOODYERA, PIPERIA, PLATANThERA AND SPIRANTHES. <i>American Journal of Botany</i> , 1980 , 67, 508-518	2.7	22
51	Aspects of the Physiology of Orchids. <i>Advances in Botanical Research</i> , 1980 , 7, 421-655	2.2	66
50	Tropical Plants. <i>BioScience</i> , 1980 , 30, 440-440	5.7	
49	MORPHOMETRY OF ORCHID SEEDS. III. NATIVE CALIFORNIA AND RELATED SPECIES OF GOODYERA, PIPERIA, PLATANThERA AND SPIRANTHES 1980 , 67, 508		11
48	Postpollination Phenomena in Orchid Flowers. IX. Induction and Inhibition of Ethylene Evolution, Anthocyanin Synthesis, and Perianth Senescence. <i>Botanical Gazette</i> , 1980 , 141, 422-427		17
47	Postpollination Phenomena in Orchid Flowers. VIII. Water and Dry Weight Relations. <i>Botanical Gazette</i> , 1979 , 140, 133-137		6
46	The Effects of Ethephon on <i>Cattleya aurantiaca</i> (Orchidaceae) Seedlings. <i>Botanical Gazette</i> , 1979 , 140, 25-28		6
45	PHYTOTOXICITY OF FUNGICIDES AND BACTERICIDES IN ORCHID CULTURE MEDIA. <i>American Journal of Botany</i> , 1979 , 66, 825-835	2.7	20
44	NIACIN BIOSYNTHESIS IN PLANTS. <i>American Journal of Botany</i> , 1979 , 66, 1105-1113	2.7	13
43	MORPHOMETRY OF ORCHID SEEDS. I. PAPHIOPEDILUM AND NATIVE CALIFORNIA AND RELATED SPECIES OF CYPRIPIEDIUM. <i>American Journal of Botany</i> , 1979 , 66, 1128-1137	2.7	23
42	Morphometry of Orchid Seeds. I. Paphiopedilum and Native California and Related Species of Cypripedium. <i>American Journal of Botany</i> , 1979 , 66, 1128	2.7	17
41	PHYTOTOXICITY OF FUNGICIDES AND BACTERICIDES IN ORCHID CULTURE MEDIA 1979 , 66, 825		14
40	NIACIN BIOSYNTHESIS IN PLANTS 1979 , 66, 1105		5
39	Biological effects of surfactants, III hydra as a highly sensitive assay animal. <i>Environmental Pollution (1970)</i> , 1978 , 17, 175-185		17
38	Physiological Changes During the Germination of <i>Cattleya aurantiaca</i> (Orchidaceae). <i>Botanical Gazette</i> , 1978 , 139, 180-189		16

37	POST-POLLINATION PHENOMENA IN ORCHID FLOWERS. VII. PHOSPHATE MOVEMENT AMONG FLORAL SEGMENTS. <i>American Journal of Botany</i> , 1976 , 63, 911-918	2.7	13
36	POST-POLLINATION PHENOMENA IN ORCHID FLOWERS. VI. EXCISED FLORAL SEGMENTS OF CYMBIDIUM. <i>American Journal of Botany</i> , 1976 , 63, 201-211	2.7	17
35	POST-POLLINATION PHENOMENA IN ORCHID FLOWERS. VI. EXCISED FLORAL SEGMENTS OF CYMBIDIUM 1976 , 63, 201		15
34	POST-POLLINATION PHENOMENA IN ORCHID FLOWERS. VII. PHOSPHATE MOVEMENT AMONG FLORAL SEGMENTS 1976 , 63, 911		10
33	ORCHID PHYTOALEXINS. II. ISOLATION AND CHARACTERIZATION OF POSSIBLE STEROL COMPANIONS. <i>American Journal of Botany</i> , 1975 , 62, 738-742	2.7	8
32	ORCHID PHYTOALEXINS. II. ISOLATION AND CHARACTERIZATION OF POSSIBLE STEROL COMPANIONS 1975 , 62, 738		3
31	POSTPOLLINATION PHENOMENA IN ORCHID FLOWERS. V. PARTICIPATION BY THE ROSTELLUM AND GYNOSTEMIUM TIP. <i>American Journal of Botany</i> , 1974 , 61, 643-651	2.7	6
30	POSTPOLLINATION PHENOMENA IN ORCHID FLOWERS. V. PARTICIPATION BY THE ROSTELLUM AND GYNOSTEMIUM TIP 1974 , 61, 643		6
29	Chemotaxonomic and ecological implications of anthocyanins in Elythranthera. <i>Biochemical Systematics and Ecology</i> , 1973 , 1, 45-49	1.4	5
28	Identity of ergosterol β -peroxide <i>Journal of the Chemical Society Chemical Communications</i> , 1973 , 530-530		10
27	POST-POLLINATION PHENOMENA IN ORCHID FLOWERS. IV. EFFECTS OF ETHYLENE. <i>American Journal of Botany</i> , 1973 , 60, 883-888	2.7	30
26	ORCHID MYCORRHIZA: VITAMIN PRODUCTION AND REQUIREMENTS BY THE SYMBIONTS. <i>American Journal of Botany</i> , 1973 , 60, 829-835	2.7	7
25	POST-POLLINATION PHENOMENA IN ORCHID FLOWERS. IV. EFFECTS OF ETHYLENE 1973 , 60, 883		21
24	ORCHID MYCORRHIZA: VITAMIN PRODUCTION AND REQUIREMENTS BY THE SYMBIONTS 1973 , 60, 829		9
23	ANTHOCYANINS OF DIMORPHOTHECA (COMPOSITAE). I. IDENTITY OF PIGMENTS IN FLOWERS, STEMS, AND CALLUS CULTURES. <i>American Journal of Botany</i> , 1972 , 59, 924-930	2.7	9
22	ENZYMATIC QUANTITATIVE DETERMINATION OF HEXOSES, SINGLY AND IN MIXTURES WITH THEIR OLIGOSACCHARIDES. <i>New Phytologist</i> , 1972 , 71, 307-315	9.8	6
21	ANTHOCYANINS OF DIMORPHOTHECA (COMPOSITAE). I. IDENTITY OF PIGMENTS IN FLOWERS, STEMS, AND CALLUS CULTURES 1972 , 59, 924		4
20	CARBOHYDRATE PHYSIOLOGY OF ORCHID SEEDLINGS. II. HYDROLYSIS AND EFFECTS OF OLIGOSACCHARIDES. <i>American Journal of Botany</i> , 1971 , 58, 827-835	2.7	28

19	POST-POLLINATION PHENOMENA IN ORCHID FLOWERS. <i>New Phytologist</i> , 1971 , 70, 333-341	9.8	19
18	BIOLOGICAL EFFECTS OF SURFACTANTS. <i>New Phytologist</i> , 1971 , 70, 457-475	9.8	29
17	BIOLOGICAL EFFECTS OF SURFACTANTS. <i>New Phytologist</i> , 1971 , 70, 477-482	9.8	20
16	POST-POLLINATION PHENOMENA IN ORCHID FLOWERS. <i>New Phytologist</i> , 1971 , 70, 1125-1141	9.8	24
15	CARBOHYDRATE PHYSIOLOGY OF ORCHID SEEDLINGS. II. HYDROLYSIS AND EFFECTS OF OLIGOSACCHARIDES 1971 , 58, 827		18
14	SUGAR CONTENT IN FLORAL AND EXTRAFLORAL EXUDATES OF ORCHIDS: POLLINATION, MYRMECOLOGY AND CHEMOTAXONOMY IMPLICATION. <i>New Phytologist</i> , 1970 , 69, 187-195	9.8	26
13	THE EFFECTS OF AUXIN, ACTINOMYCIN D, ETHIONINE, AND PUROMYCIN ON POST-POLLINATION BEHAVIOR BY CYMBIDIUM (ORCHIDACEAE) FLOWERS. <i>American Journal of Botany</i> , 1969 , 56, 620-628	2.7	22
12	DORMANCY FACTORS IN IRIS (IRIDACEAE) SEEDS. <i>American Journal of Botany</i> , 1969 , 56, 254-259	2.7	1
11	FLORAL ANTHOCYANINS IN SPECIES AND HYBRIDS OF BROUGHTONIA, BRASSAVOLA, AND CATTLEYOPSIS (ORCHIDACEAE). <i>American Journal of Botany</i> , 1969 , 56, 59-68	2.7	3
10	PARTIAL IDENTIFICATION OF DARK ¹⁴ CO ₂ FIXATION PRODUCTS IN LEAVES OF CATTLEYA (ORCHIDACEAE). <i>New Phytologist</i> , 1969 , 68, 657-661	9.8	22
9	Determination of di-, tri-, and tetrasaccharides in mixtures with their component moieties by thin layer chromatography. <i>Journal of Chromatography A</i> , 1969 , 41, 475-480	4.5	12
8	FLORAL ANTHOCYANINS IN SPECIES AND HYBRIDS OF BROUGHTONIA, BRASSAVOLA, AND CATTLEYOPSIS (ORCHIDACEAE) 1969 , 56, 59		9
7	THE EFFECTS OF AUXIN, ACTINOMYCIN D, ETHIONINE, AND PUROMYCIN ON POST-POLLINATION BEHAVIOR BY CYMBIDIUM (ORCHIDACEAE) FLOWERS 1969 , 56, 620		11
6	DORMANCY FACTORS IN IRIS (IRIDACEAE) SEEDS 1969 , 56, 254		4
5	Photosynthetic CO ₂ Fixation by Green Cymbidium (Orchidaceae) Flowers. <i>Plant Physiology</i> , 1968 , 43, 130-2	6.6	28
4	NIACIN BIOSYNTHESIS IN GERMINATING \square AELIOCATTLEYA ORCHID EMBRYOS AND YOUNG SEEDLINGS. <i>American Journal of Botany</i> , 1967 , 54, 291-298	2.7	8
3	Factors affecting the germination of orchid seeds. <i>Botanical Review, The</i> , 1967 , 33, 1-97	3.8	236
2	NIACIN BIOSYNTHESIS IN GERMINATING \square AELIOCATTLEYA ORCHID EMBRYOS AND YOUNG SEEDLINGS 1967 , 54, 291		3

1 Orchids. *Scientific American*, **1966**, 214, 70-78

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