James A Doyle

List of Publications by Year
in descending order

72 papers	6,804 citations	87723 38 h-index	106150 65 g-index
76 all docs	76 docs citations	76 times ranked	3262 citing authors

#	Article	IF	Citations
1	Seed plant phylogeny and the origin of angiosperms: An experimental cladistic approach. Botanical Review, The, 1986, 52, 321-431.	1.7	518
2	Early cretaceous fossil evidence for angiosperm evolution. Botanical Review, The, 1977, 43, 3-104.	1.7	426
3	Morphological Phylogenetic Analysis of Basal Angiosperms: Comparison and Combination with Molecular Data. International Journal of Plant Sciences, 2000, 161, S121-S153.	0.6	353
4	Reconstructing the ancestral angiosperm flower and its initial specializations. American Journal of Botany, 2009, 96, 22-66.	0.8	296
5	The ancestral flower of angiosperms and its early diversification. Nature Communications, 2017, 8, 16047.	5.8	259
6	Phylogenies and angiosperm diversification. Paleobiology, 1993, 19, 141-167.	1.3	246
7	Sources of error and confidence intervals in estimating the age of angiosperms from rbcL and 18S rDNA data. American Journal of Botany, 2001, 88, 1499-1516.	0.8	235
8	Dark and disturbed: a new image of early angiosperm ecology. Paleobiology, 2004, 30, 82-107.	1.3	215
9	Seed ferns and the origin of angiosperms. Journal of the Torrey Botanical Society, 2006, 133, 169-209.	0.1	210
10	Hydatellaceae identified as a new branch near the base of the angiosperm phylogenetic tree. Nature, 2007, 446, 312-315.	13.7	208
11	Seed Plant Phylogeny and the Relationships of Gnetales. International Journal of Plant Sciences, 1996, 157, S3-S39.	0.6	189
12	Molecular and Fossil Evidence on the Origin of Angiosperms. Annual Review of Earth and Planetary Sciences, 2012, 40, 301-326.	4.6	185
13	Angiosperm pollen zonation of the continental cretaceous of the Atlantic coastal plain and its application to deep wells in the Salisbury embayment. Palynology, 1977, 1, 41-78.	0.7	184
14	Integrating Molecular Phylogenetic and Paleobotanical Evidence on Origin of the Flower. International Journal of Plant Sciences, 2008, 169, 816-843.	0.6	156
15	Archaefructus â€“ angiosperm precursor or specialized early angiosperm?. Trends in Plant Science, 2003, 8, 369-373.	4.3	154
16	Revised palynological correlations of the lower Potomac group (USA) and the cocobeach sequence of Gabon (Barremian-Aptian). Cretaceous Research, 1992, 13, 337-349.	0.6	139
17	PHYLOGENY OF VASCULAR PLANTS. Annual Review of Ecology, Evolution, and Systematics, 1998, 29, 567-599.	6.7	138
18	Seed plant phylogeny: Demise of the anthophyte hypothesis?. Current Biology, 2000, 10, R106-R109.	1.8	136

#	Article	IF	Citations
19	Integrating Early Cretaceous fossils into the phylogeny of living angiosperms: Magnoliidae and eudicots. Journal of Systematics and Evolution, 2010, 48, 1-35.	1.6	136
20	Morphological Phylogenetic Analysis of Living and Fossil Chloranthaceae. International Journal of Plant Sciences, 2004, 165, 107-151.	0.6	133
21	Fossils and Seed Plant Phylogeny Reanalyzed. Brittonia, 1992, 44, 89.	0.8	130
22	Phylogenetic analysis of Magnoliales and Myristicaceae based on multiple data sets: implications for character evolution. Botanical Journal of the Linnean Society, 2003, 142, 125-186.	0.8	128
23	How deep is the conflict between molecular and fossil evidence on the age of angiosperms?. New Phytologist, 2019, 223, 83-99.	3.5	119
24	The importance of fossils in elucidating seed plant phylogeny and macroevolution. Review of Palaeobotany and Palynology, 1987, 50, 63-95.	0.8	111
25	Early evolution of angiosperm pollen as inferred from molecular and morphological phylogenetic analyses. Grana, 2005, 44, 227-251.	0.4	107
26	Molecules, Morphology, Fossils, and the Relationship of Angiosperms and Gnetales. Molecular Phylogenetics and Evolution, 1998, 9, 448-462.	1.2	103
27	Towards a phylogenetic nomenclature ofTracheophyta. Taxon, 2007, 56, 822-846.	0.4	101
28	Fossil Evidence on Early Evolution of the Monocotyledons. Quarterly Review of Biology, 1973, 48, 399-413.	0.0	100
29	Integrating Early Cretaceous Fossils into the Phylogeny of Living Angiosperms: ANITA Lines and Relatives of Chloranthaceae. International Journal of Plant Sciences, 2014, 175, 555-600.	0.6	84
30	Floral phyllotaxis in basal angiosperms: development and evolution. Current Opinion in Plant Biology, 2007, 10, 52-57.	3.5	82
31	Phylogeny, Molecular and Fossil Dating, and Biogeographic History of Annonaceae and Myristicaceae (Magnoliales). International Journal of Plant Sciences, 2004, 165, S55-S67.	0.6	77
32	Cladistic analysis and pollen evolution inAnnonaceae. Acta Botanica Gallica, 1994, 141, 149-170.	0.9	75
33	Dating clades with fossils and molecules: the case of Annonaceae. Botanical Journal of the Linnean Society, 2012, 169, 84-116.	0.8	74
34	Towards a phylogenetic nomenclature of Tracheophyta. Taxon, 2007, 56, E1.	0.4	71
35	EARLY CRETACEOUS TETRADS, ZONASULCULATE POLLEN, AND WINTERACEAE. I. TAXONOMY, MORPHOLOGY, AND ULTRASTRUCTURE. American Journal of Botany, 1990, 77, 1544-1557.	0.8	56
36	Phylogeny and Historical Biogeography of <I>Anaxagorea</I> (Annonaceae) Using Morphology and Non-Coding Chloroplast Sequence Data. Systematic Botany, 2005, 30, 712-735.	0.2	51

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37	Evolution and phylogenetic significance of pollen in Annonaceae. Botanical Journal of the Linnean Society, 2012, 169, 190-221.	0.8	47
38	EARLY CRETACEOUS TETRADS, ZONASULCULATE POLLEN, AND WINTERACEAE. II. CLADISTIC ANALYSIS AND IMPLICATIONS. American Journal of Botany, 1990, 77, 1558-1568.	0.8	42
39	EARLY CRETACEOUS TETRADS, ZONASULCULATE POLLEN, AND WINTERACEAE. I. TAXONOMY, MORPHOLOGY, AND ULTRASTRUCTURE. , 1990, 77, 1544.		42
40	Phylogenetic Distribution and Evolution of Root Apical Meristem Organization in Dicotyledonous Angiosperms. International Journal of Plant Sciences, 2004, 165, 97-105.	0.6	40
41	Evolutionary significance of granular exine structure in the light of phylogenetic analyses. Review of Palaeobotany and Palynology, 2009, 156, 198-210.	0.8	40
42	Phylogeny and Geographic History of Annonaceae. GÃ©ographie Physique Et Quaternaire, 1997, 51, 353-361.	0.2	39
43	EARLY CRETACEOUS TETRADS, ZONASULCULATE POLLEN, AND WINTERACEAE. II. CLADISTIC ANALYSIS AND IMPLICATIONS. , 1990, 77, 1558.		33
44	Character evolution in Anaxagorea (Annonaceae). American Journal of Botany, 2006, 93, 36-54.	0.8	32
45	Angiosperm Clades in the Potomac Group: What Have We Learned since 1977?. Bulletin of the Peabody Museum of Natural History, 2014, 55, 111-134.	0.6	32
46	Pseudoasterophyllites cretaceus from the Cenomanian (Cretaceous) of the Czech Republic: A possible link between Chloranthaceae and Ceratophyllum. Taxon, 2016, 65, 1345-1373.	0.4	31
47	Ancestral traits and specializations in the flowers of the basal grade of living angiosperms. Taxon, 2015, 64, 1093-1116.	0.4	30
48	Paleoecology of the Conifers Frenelopsis and Pseudofrenelopsis (Cheirolepidiaceae) from the Cretaceous Potomac Group of Maryland and Virginia. , 1981, , 167-202.		30
49	Phylogenetic Analyses of Cretaceous Fossils Related to Chloranthaceae and their Evolutionary Implications. Botanical Review, The, 2018, 84, 156-202.	1.7	28
50	Ancestral traits and specializations in the flowers of the basal grade of living angiosperms. Taxon, 2015, 64, 1093-1116.	0.4	27
51	The prevalence of viral agents in esophageal adenocarcinoma and Barrettâ€™s esophagus: a systematic review. European Journal of Gastroenterology and Hepatology, 2017, 29, 817-825.	0.8	26
52	Experimental signal dissection and method sensitivity analyses reaffirm the potential of fossils and morphology in the resolution of the relationship of angiosperms and Gnetales. Paleobiology, 2018, 44, 490-510.	1.3	26
53	Significance of palynology for phylogeny ofAnnonaceae: Experiments with removal of pollen characters. Plant Systematics and Evolution, 1997, 206, 133-159.	0.3	21
54	Recognising angiosperm clades in the Early Cretaceous fossil record. Historical Biology, 2015, 27, 414-429.	0.7	21

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55	Challenges and questions in reconstructing the ancestral flower of angiosperms: A reply to Sokoloff etÂal.. American Journal of Botany, 2018, 105, 127-135.	0.8	21
56	Angiosperm origins. Nature, 1989, 342, 131-131.	13.7	20
57	Early Cretaceous (Albian) spores and pollen from the Glen Rose Formation of Texas and their significance for correlation of the Potomac Group. Palynology, 2018, 42, 438-456.	0.7	20
58	A Seed Related to Myristicaceae in the Early Eocene of Southern England. Systematic Botany, 2008, 33, 636-646.	0.2	19
59	Tracing the early evolutionary diversification of the angiosperm flower. , 2011, , 88-119.		19
60	Evidence for an extinct lineage of angiosperms from the Early Cretaceous of Patagonia and implications for the early radiation of flowering plants. New Phytologist, 2020, 228, 344-360.	3.5	17
61	First records of the angiosperm genus Sapindopsis Fontaine (Platanaceae) in western Eurasia from middle to latest Albian deposits of Spain. Review of Palaeobotany and Palynology, 2016, 230, 10-21.	0.8	16
62	Pressfit ceramic arthroplasty of the first metatarsophalangeal joint: a short-term review. Acta Orthopaedica Belgica, 2004, 70, 455-60.	0.1	12
63	Pollen ultrastructure and relationships of Fusaea (Baillon) Safford and Duguetia A. Saint-Hilaire (Annonaceae). Review of Palaeobotany and Palynology, 1994, 83, 55-64.	0.8	11
64	Cecilanthus polymerus, a novel multiparted flower from the mid-Cretaceous Rocky Point locality, Maryland. Botany, 2016, 94, 787-803.	0.5	11
65	Function and evolution of saccate pollen. New Phytologist, 2010, 188, 6-9.	3.5	10
66	Evidence on vegetative and inflorescence morphology of Chloranthaceae (Angiospermae) from the Early Cretaceous (middleâ€“late Albian) of Spain. Journal of Systematic Palaeontology, 2020, 18, 2015-2042.	0.6	10
67	Leaf and inflorescence evidence for near-basal Araceae and an unexpected diversity of other monocots from the late Early Cretaceous of Spain. Journal of Systematic Palaeontology, 2019, 17, 1313-1346.	0.6	9
68	A Lower Cretaceous palynoflora from Carregueira (Lusitanian Basin, westernmost Iberia): taxonomic, stratigraphic and palaeoenvironmental implications. Cretaceous Research, 2022, 130, 105036.	0.6	8
69	Morphology, Ultrastructure, and Evolutionary Significance of Pollen in a Chloranthaceous Staminate Structure from the Early Cretaceous of Portugal. International Journal of Plant Sciences, 2021, 182, 817-832.	0.6	1
70	Man Bites Botanical Dogma - Palaeobiology of Angiosperm Origins.Norman F. Hughes. Cambridge University Press, Cambridge. 1976. vii + 242 pp. $21.50.. Paleobiology, 1976, 2, 265-271.	1.3	0
71	Incoming College Males' Choice of Major and Attitudes toward Women. Psychological Reports, 1977, 40, 630-630.	0.9	0
72	Russian Paleoentomology. Science, 1993, 262, 492-492.	6.0	0