Paula J Rudall

List of Publications by Year
in descending order

205	8,011	53660 45	71532 76
papers	citations	h-index	g-index

209	209	209	5856
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pollen in water of unstable salinity: Evolution and function of dynamic apertures in monocot aquatics. American Journal of Botany, 2022, 109, 500-513.	0.8	1
2	A Fossil Syncarpous Fruit from Australia Provides Support for a Gondwanan History for the Screw Pines (Pandanus, Pandanaceae). International Journal of Plant Sciences, 2022, 183, 320-329.	0.6	2
3	Refined Interpretation of the Pistillate Flower in Ceratophyllum Sheds Fresh Light on Gynoecium Evolution in Angiosperms. Frontiers in Cell and Developmental Biology, 2022, 10, 868352.	1.8	2
4	Evolutionary history of the grass gynoecium. Journal of Experimental Botany, 2022, 73, 4637-4661.	2.4	9
5	Evolutionary success in arid habitats: Morpho-anatomy of succulent leaves of Crassula species from southern Africa. Journal of Arid Environments, 2021, 185, 104319.	1.2	27
6	Whole plastomes are not enough: phylogenomic and morphometric exploration at multiple demographic levels of the bee orchid clade Ophrys sect. Sphegodes. Journal of Experimental Botany, 2021, 72, 654-681.	2.4	15
7	Evolution and patterning of the ovule in seed plants. Biological Reviews, 2021, 96, 943-960.	4.7	13
8	In situ morphometric survey elucidates the evolutionary systematics of the orchid genus Gymnadenia in the British Isles. Systematics and Biodiversity, 2021, 19, 571-600.	0.5	7
9	Using structural colour to track length scale of cellâ€wall layers in developing Pollia japonica fruits. New Phytologist, 2021, 230, 2327-2336.	3.5	4
10	From the Machete to the Microscope: Dennis Stevenson, Plant Morphologist. Botanical Review, The, 2021, 87, 178-186.	1.7	1
11	Evolutionary lability in floral ontogeny affects pollination biology in Trimezieae. American Journal of Botany, 2021, 108, 828-843.	0.8	3
12	Floral development and vasculature in Eriocaulon (Eriocaulaceae) provide insights into the evolution of Poales. Annals of Botany, 2021, 128, 605-626.	1.4	4
13	Stomatal development in the cycad family Zamiaceae. Annals of Botany, 2021, 128, 577-588.	1.4	7
14	Flower and Spikelet Construction in Rapateaceae (Poales). Frontiers in Plant Science, 2021, 12, 813915.	1.7	2
15	Cell wall composition determines handedness reversal in helicoidal cellulose architectures of Pollia condensata fruits. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	7
16	Supposed Jurassic angiosperms lack pentamery, an important angiospermâ€specific feature. New Phytologist, 2020, 228, 420-426.	3.5	18
17	Colourful cones: how did flower colour first evolve?. Journal of Experimental Botany, 2020, 71, 759-767.	2.4	31
18	Ethnobotany of Hawaiian figure sculpture. Archaeological and Anthropological Sciences, 2020, 12, 1.	0.7	8

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19	Viburnum tinus Fruits Use Lipids to Produce Metallic Blue Structural Color. Current Biology, 2020, 30, 3804-3810.e2.	1.8	16
20	Phylogenetic relationships based on nuclear and plastid DNA sequences reveal recent diversification and discordant patterns of morphological evolution of the Chilean genera of Gilliesieae (Amaryllidaceae: Allioideae). Botanical Journal of the Linnean Society, 2020, 194, 84-99.	0.8	6
21	Origin of the Taxaceae aril: evolutionary implications of seed-cone teratologies inPseudotaxus chienii. Annals of Botany, 2019, 123, 133-143.	1.4	15
22	Embolism resistance in petioles and leaflets of palms. Annals of Botany, 2019, 124, 1173-1183.	1.4	11
23	Coenocytic Growth Phases in Land Plant Development: A Paleo-Evo-Devo Perspective. International Journal of Plant Sciences, 2019, 180, 607-622.	0.6	9
24	Epidermal patterning and stomatal development in Gnetales. Annals of Botany, 2019, 124, 149-164.	1.4	12
25	Dynamics of intracellular mannan and cell wall folding in the drought responses of succulent Aloe species. Plant, Cell and Environment, 2019, 42, 2458-2471.	2.8	36
26	Cryptic species in an ancient floweringâ€plant lineage (Hydatellaceae, Nymphaeales) revealed by molecular and micromorphological data. Taxon, 2019, 68, 1-19.	0.4	13
27	Structure and abnormalities in cones of the Wollemi pine (Wollemia nobilis). Kew Bulletin, 2019, 74, 1.	0.4	5
28	A taxonomic revision of the myrmecophilous species of the rattan genus Korthalsia (Arecaceae). Kew Bulletin, 2019, 74, 1.	0.4	3
29	Leaf surface development and the plant fossil record: stomatal patterning in Bennettitales. Biological Reviews, 2019, 94, 1179-1194.	4.7	17
30	Ultrastructure and development of non-contiguous stomatal clusters and helicocytic patterning in Begonia. Annals of Botany, 2018, 122, 767-776.	1.4	7
31	Phylogeography of the Macaronesian Lettuce Species Lactuca watsoniana and L. palmensis (Asteraceae). Biochemical Genetics, 2018, 56, 315-340.	0.8	9
32	Evolutionary and functional potential of ploidy increase within individual plants: somatic ploidy mapping of the complex labellum of sexually deceptive bee orchids. Annals of Botany, 2018, 122, 133-150.	1.4	17
33	Clarified relationship between Dactylorhiza viridis and Dactylorhiza iberica renders obsolete the former genus Coeloglossum (Orchidaceae: Orchidinae). Kew Bulletin, 2018, 73, 1.	0.4	12
34	Was the ancestral angiosperm flower whorled throughout?. American Journal of Botany, 2018, 105, 5-15.	0.8	42
35	Phylogenomics and evolution of floral traits in the Neotropical tribe Malmeeae (Annonaceae). Molecular Phylogenetics and Evolution, 2018, 118, 379-391.	1.2	17
36	Understanding the cone scale in Cupressaceae: insights from seed-cone teratology in Glyptostrobus pensilis. PeerJ, 2018, 6, e4948.	0.9	3

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37	Molecular and morphological phylogenetics of the digitate-tubered clade within subtribe Orchidinae s.s. (Orchidaceae: Orchideae). Kew Bulletin, 2018, 73, 1.	0.4	23
38	Ultrastructure and optics of the prismâ€like petal epidermal cells of Eschscholzia californica (California poppy). New Phytologist, 2018, 219, 1124-1133.	3.5	28
39	Taxonomic monograph of Oxygyne (Thismiaceae), rare achlorophyllous mycoheterotrophs with strongly disjunct distribution. PeerJ, 2018, 6, e4828.	0.9	56
40	Disorder in convergent floral nanostructures enhances signalling to bees. Nature, 2017, 550, 469-474.	13.7	120
41	Floral ontogeny and vasculature in Xyridaceae, with particular reference to staminodes and stylar appendages. Plant Systematics and Evolution, 2017, 303, 1293-1310.	0.3	8
42	Evolution and development of monocot stomata. American Journal of Botany, 2017, 104, 1122-1141.	0.8	61
43	Morphometric comparison of BritishPseudorchis albidawith IcelandicP. straminea(Orchidaceae: Orchidinae). New Journal of Botany, 2017, 7, 78-93.	0.2	4
44	Inside-out flowers ofLacandonia brasiliana(Triuridaceae) provide new insights into fundamental aspects of floral patterning. PeerJ, 2016, 4, e1653.	0.9	6
45	Structural colour from helicoidal cell-wall architecture in fruits ofMargaritaria nobilis. Journal of the Royal Society Interface, 2016, 13, 20160645.	1.5	55
46	Comparative Floral Anatomy and Development in Neotropical Lauraceae. International Journal of Plant Sciences, 2016, 177, 579-589.	0.6	2
47	Transcriptomeâ€derived evidence supports recent polyploidization and a major phylogeographic division in T rithuria submersa (H ydatellaceae, N ymphaeales). New Phytologist, 2016, 210, 310-323.	3.5	10
48	The remarkable stomata of horsetails (Equisetum): patterning, ultrastructure and development. Annals of Botany, 2016, 118, 207-218.	1.4	18
49	Graminids from Eocene Baltic amber. Review of Palaeobotany and Palynology, 2016, 233, 161-168.	0.8	14
50	Pollen structure and function in caesalpinioid legumes. American Journal of Botany, 2016, 103, 423-436.	0.8	32
51	Developmental Morphology of a Dimorphic Grass Inflorescence: The Brazilian BambooEremitis(Poaceae). International Journal of Plant Sciences, 2015, 176, 544-553.	0.6	5
52	Structural colour in Chondrus crispus. Scientific Reports, 2015, 5, 11645.	1.6	27
53	Evolution of Catkins: Inflorescence Morphology of Selected Salicaceae in an Evolutionary and Developmental Context. Frontiers in Plant Science, 2015, 6, 1030.	1.7	39
54	Ancient Gondwana breakâ€up explains the distribution of the mycoheterotrophic family Corsiaceae (Liliales). Journal of Biogeography, 2015, 42, 1123-1136.	1.4	39

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55	Contrasting models of the female reproductive tract in four o'clocks (Nyctaginaceae). American Journal of Botany, 2015, 102, 1026-1039.	0.8	6
56	Pollen of Malagasy grasses as a potential tool for interpreting grassland palaeohistory. Grana, 2015, 54, 247-262.	0.4	7
57	Pollen Structure and Diversity in Liliales. International Journal of Plant Sciences, 2015, 176, 697-723.	0.6	9
58	Morphological diversity and evolution of Centrolepidaceae (Poales), a speciesâ€poor clade with diverse body plans and developmental patterns. American Journal of Botany, 2015, 102, 1219-1249.	0.8	9
59	Is floral iridescence a biologically relevant cue in plantâ€“pollinator signalling? A response to van der Kooi etÂal. (2014b). New Phytologist, 2015, 205, 21-22.	3.5	7
60	The flower of <scp>H</scp>ibiscus trionum is both visibly and measurably iridescent. New Phytologist, 2015, 205, 97-101.	3.5	97
61	Floral miniaturisation and autogamy in boreal-arctic plants are epitomised by Icelandâ€™s most frequent orchid,Platanthera hyperborea. PeerJ, 2015, 3, e894.	0.9	13
62	Comparative Anatomy of Reproductive Structures in Cyclanthaceae (Pandanales). International Journal of Plant Sciences, 2014, 175, 814-827.	0.6	6
63	Comparative floral development in the tribe Mentheae (Nepetoideae: Lamiaceae) and its bearing on the evolution of floral patterns in asterids. Journal of Systematics and Evolution, 2014, 52, 195-214.	1.6	12
64	Embryo and seedling morphology inTrithuria lanterna(Hydatellaceae, Nymphaeales): new data for infrafamilial systematics and a novel type of syncotyly. Botanical Journal of the Linnean Society, 2014, 174, 551-573.	0.8	12
65	Epidermal Patterning and Silica Phytoliths in Grasses: An Evolutionary History. Botanical Review, The, 2014, 80, 59-71.	1.7	61
66	Chromosome behavior at the base of the angiosperm radiation: Karyology of Trithuria submersa (Hydatellaceae, Nymphaeales). American Journal of Botany, 2014, 101, 1447-1455.	0.8	9
67	Exine micromorphology and ultrastructure in Neottieae (Epidendroideae, Orchidaceae). Plant Systematics and Evolution, 2014, 300, 505-515.	0.3	3
68	Comparative development of the rattan ocrea, a structural innovation that facilitates antâ€“plant mutualism. Plant Systematics and Evolution, 2014, 300, 1973-1983.	0.3	2
69	Reconstructing the age and historical biogeography of the ancient flowering-plant family Hydatellaceae (Nymphaeales). BMC Evolutionary Biology, 2014, 14, 102.	3.2	17
70	Speciation via floral heterochrony and presumed mycorrhizal host switching of endemic butterfly orchids on the Azorean archipelago. American Journal of Botany, 2014, 101, 979-1001.	0.8	22
71	753. GILLIESIA MONTANA. Curtis's Botanical Magazine, 2013, 30, 28-35.	0.1	0
72	Racemose inflorescences of monocots: structural and morphogenetic interaction at the flower/inflorescence level. Annals of Botany, 2013, 112, 1553-1566.	1.4	42

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73	Taxonomy and Classification. , 2013, , 19-101.		88
74	Four o'clock pollination biology: nectaries, nectar and flower visitors in Nyctaginaceae from southern South America. Botanical Journal of the Linnean Society, 2013, 171, 551-567.	0.8	13
75	Impact of spatial constraints during seed germination on the evolution of angiosperm cotyledons: A case study from tropical Hydatellaceae (Nymphaeales). American Journal of Botany, 2013, 100, 824-843.	0.8	5
76	Ultrastructure of stomatal development in early-divergent angiosperms reveals contrasting patterning and pre-patterning. Annals of Botany, 2013, 112, 1031-1043.	1.4	31
77	The trichotomosulcate asparagoids: pollen morphology of Hemerocallidaceae in relation to systematics and pollination biology. Australian Systematic Botany, 2013, 26, 393.	0.3	5
78	Early inflorescence development in the grasses (Poaceae). Frontiers in Plant Science, 2013, 4, 250.	1.7	113
79	Immunolocalization of arabinogalactan proteins (AGPs) in reproductive structures of an early-divergent angiosperm, Trithuria (Hydatellaceae). Annals of Botany, 2013, 111, 183-190.	1.4	29
80	Several developmental and morphogenetic factors govern the evolution of stomatal patterning in land plants. New Phytologist, 2013, 200, 598-614.	3.5	87
81	Is syncarpy an ancestral condition in monocots and core eudicots?. , 2013, , .		9
82	Anther, ovule and embryological characters in Velloziaceae in relation to the systematics of Pandanales. , 2013, , .		1
83	Comparative fruit structure in Hydatellaceae (Nymphaeales) reveals specialized pericarp dehiscence in some earlyâ€“divergent angiosperms with ascidiate carpels. Taxon, 2013, 62, 40-61.	0.4	20
84	Systematic revision ofPlatantherain the Azorean archipelago: not one but three species, including arguably Europeâ€™s rarest orchid. PeerJ, 2013, 1, e218.	0.9	27
85	Organ homologies in orchid flowers re-interpreted using the Musk Orchid as a model. PeerJ, 2013, 1, e26.	0.9	21
86	Directional scattering from the glossy flower of Ranunculus : how the buttercup lights up your chin. Journal of the Royal Society Interface, 2012, 9, 1295-1301.	1.5	40
87	Pointillist structural color in Pollia fruit. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15712-15715.	3.3	475
88	Early Flowers and Angiosperm Evolution by Else Marie Friis, Peter R Crane & Kaj Raunsgaard Pedersen. Cambridge: Cambridge University Press, 2011. 585 pp. Hardback. ISBN 978-0-521-59283-3. Â£95.00.. Botanical Journal of the Linnean Society, 2012, 170, 131-132.	0.8	2
89	Flower development and vasculature in Xyris grandis (Xyridaceae, Poales); a case study for examining petal diversity in monocot flowers with a double perianth. Botanical Journal of the Linnean Society, 2012, 170, 93-111.	0.8	26
90	Morphological evolution in the graminid clade: comparative floral anatomy of the grass relatives Flagellariaceae and Joinvilleaceae. Botanical Journal of the Linnean Society, 2012, 170, 393-404.	0.8	12

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91	Flower-specific KNOX phenotype in the orchid Dactylorhiza fuchsii. Journal of Experimental Botany, 2012, 63, 4811-4819.	2.4	18
92	Molecular phylogenetics of Hydatellaceae (Nymphaeales): Sexualâ€system homoplasy and a new sectional classification. American Journal of Botany, 2012, 99, 663-676.	0.8	24
93	Flowers and inflorescences of the seagrass Posidonia (Posidoniaceae, Alismatales). American Journal of Botany, 2012, 99, 1592-1608.	0.8	21
94	Homologies of the flower and inflorescence in the early-divergent grass Anomochloa (Poaceae). American Journal of Botany, 2012, 99, 614-628.	0.8	27
95	Systematic Placement of Dasypogonaceae Among Commelinid Monocots: Evidence from Flowers and Fruits. Botanical Review, The, 2012, 78, 398-415.	1.7	4
96	The mirror crack'd: both pigment and structure contribute to the glossy blue appearance of the mirror orchid, Ophrys speculum. New Phytologist, 2012, 196, 1038-1047.	3.5	47
97	Ultrastructure of Stomatal Development inGinkgo biloba. International Journal of Plant Sciences, 2012, 173, 849-860.	0.6	14
98	â€˜Living stonesâ€™ reveal alternative petal identity programs within the core eudicots. Plant Journal, 2012, 69, 193-203.	2.8	39
99	Combined phylogenetic analyses reveal interfamilial relationships and patterns of floral evolution in the eudicot order Fabales. Cladistics, 2012, 28, 393-421.	1.5	38
100	Cabomba as a model for studies of early angiosperm evolution. Annals of Botany, 2011, 108, 589-598.	1.4	30
101	Comparative Gynoecium Structure and Multiple Origins of Apocarpy in Coryphoid Palms (Arecaceae). International Journal of Plant Sciences, 2011, 172, 674-690.	0.6	23
102	Recurrent abnormalities in conifer cones and the evolutionary origins of flower-like structures. Trends in Plant Science, 2011, 16, 151-159.	4.3	40
103	Harperocallis is congeneric with Isidrogalvia (Tofieldiaceae, Alismatales): Evidence from comparative floral morphology. Taxon, 2011, 60, 1076-1094.	0.4	10
104	Spatial separation and developmental divergence of male and female reproductive units in gymnosperms, and their relevance to the origin of the angiosperm flower. , 2011, , 8-48.		12
105	Characterization of Linaria KNOX genes suggests a role in petalâ€spur development. Plant Journal, 2011, 68, 703-714.	2.8	44
106	Species arguments: clarifying competing concepts of species delimitation in the pseudo-copulatory orchid genus Ophrys. Botanical Journal of the Linnean Society, 2011, 165, 336-347.	0.8	41
107	Selective microspore abortion correlated with aneuploidy: an indication of meiotic drive. Sexual Plant Reproduction, 2011, 24, 1-8.	2.2	16
108	Morphology, development and homologies of the perianth and floral nectaries in Croton and Astraea (Euphorbiaceae-Malpighiales). Plant Systematics and Evolution, 2011, 292, 1-14.	0.3	21

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109	Molecular phylogenetics of Hypoxidaceae â€“ Evidence from plastid DNA data and inferences on morphology and biogeography. Molecular Phylogenetics and Evolution, 2011, 60, 122-136.	1.2	26
110	Unique stigmatic hairs and pollen-tube growth within the stigmatic cell wall in the early-divergent angiosperm family Hydatellaceae. Annals of Botany, 2011, 108, 599-608.	1.4	31
111	Is LEAFY a useful marker gene for the flower-inflorescence boundary in the Euphorbia cyathium?. Journal of Experimental Botany, 2011, 62, 345-350.	2.4	20
112	The life and death of a mythical British endemic,Orchis militarisL. var.tenuifronsP.D. Sell: why infraspecific taxonomy requires a field-based morphometric approach. New Journal of Botany, 2011, 1, 98-110.	0.2	11
113	All in a spin: centrifugal organ formation and floral patterning. Current Opinion in Plant Biology, 2010, 13, 108-114.	3.5	47
114	Comparative labellum micromorphology of the sexually deceptive temperate orchid genusOphrys: diverse epidermal cell types and multiple origins of structural colour. Botanical Journal of the Linnean Society, 2010, 162, 504-540.	0.8	47
115	Floral formulae updated for routine inclusion in formal taxonomic descriptions. Taxon, 2010, 59, 241-250.	0.4	43
116	Development of reproductive structures in the sole Indian species of Hydatellaceae, Trithuria konkanensis, and its morphological differences from Australian taxa. Australian Systematic Botany, 2010, 23, 217.	0.3	12
117	A new type of specialized morphophysiological dormancy and seed storage behaviour in Hydatellaceae, an early-divergent angiosperm family. Annals of Botany, 2010, 105, 1053-1061.	1.4	29
118	Defining the limits of flowers: the challenge of distinguishing between the evolutionary products of simple versus compound strobili. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 397-409.	1.8	50
119	Flower and fruit characters in the earlyâ€divergent lamiid family Metteniusaceae, with particular reference to the evolution of pseudomonomery. American Journal of Botany, 2010, 97, 191-206.	0.8	33
120	Development of a complex floral trait: The pollinatorâ€attracting petal spots of the beetle daisy, Gorteria diffusa (Asteraceae). American Journal of Botany, 2009, 96, 2184-2196.	0.8	64
121	Environmental control of sepalness and petalness in perianth organs of waterlilies: a new Mosaic Theory for the evolutionary origin of a differentiated perianth. Journal of Experimental Botany, 2009, 60, 3559-3574.	2.4	34
122	Virtual taphonomy using synchrotron tomographic microscopy reveals cryptic features and internal structure of modern and fossil plants. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12013-12018.	3.3	59
123	Starch-accumulating (S-type) sieve-element plastids in Hydatellaceae: implications for plastid evolution in flowering plants. Protoplasma, 2009, 237, 19-26.	1.0	10
124	Comparative micromorphology of nectariferous and nectarless labellar spurs in selected clades of subtribe Orchidinae (Orchidaceae). Botanical Journal of the Linnean Society, 2009, 160, 369-387.	0.8	59
125	The key role of morphology in modelling inflorescence architecture. Trends in Plant Science, 2009, 14, 302-309.	4.3	78
126	Microsporogenesis is simultaneous in the earlyâ€divergent grass Streptochaeta, but successive in the closest grass relative, Ecdeiocolea. Grana, 2009, 48, 27-37.	0.4	11

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127	Elucidating the affinities and habitat of ancient, widespread Cyperaceae: Volkeria messelensis gen. et sp. nov., a fossil mapanioid sedge from the Eocene of Europe. American Journal of Botany, 2009, 96, 1506-1518.	0.8	29
128	Nonflowers near the base of extant angiosperms? Spatiotemporal arrangement of organs in reproductive units of Hydatellaceae and its bearing on the origin of the flower. American Journal of Botany, 2009, 96, 67-82.	0.8	64
129	Morphology and development of the gynoecium in Centrolepidaceae: The most remarkable range of variation in Poales. American Journal of Botany, 2009, 96, 1925-1940.	0.8	28
130	Seed fertilization, development, and germination in Hydatellaceae (Nymphaeales): Implications for endosperm evolution in early angiosperms. American Journal of Botany, 2009, 96, 1581-1593.	0.8	35
131	Reproductive morphology of the early-divergent grass Streptochaeta and its bearing on the homologies of the grass spikelet. Plant Systematics and Evolution, 2008, 275, 245-255.	0.3	38
132	Floral ontogenetic evidence of repeated speciation via paedomorphosis in subtribe Orchidinae (Orchidaceae). Botanical Journal of the Linnean Society, 2008, 157, 429-454.	0.8	53
133	Comparative Ovule and Megagametophyte Development in Hydatellaceae and Water Lilies Reveal a Mosaic of Features Among the Earliest Angiosperms. Annals of Botany, 2008, 101, 941-956.	1.4	67
134	Fascicles and Filamentous Structures: Comparative Ontogeny of Morphological Novelties in Triuridaceae. International Journal of Plant Sciences, 2008, 169, 1023-1037.	0.6	36
135	Fossil Cyclanthus (Cyclanthaceae, Pandanales) from the Eocene of Germany and England. American Journal of Botany, 2008, 95, 688-699.	0.8	22
136	Pseudanthium development in Calycopeplus paucifolius, with particular reference to the evolution of the cyathium in Euphorbieae (Euphorbiaceae - Malpighiales). Australian Systematic Botany, 2008, 21, 153.	0.3	17
137	Comparative pollen morphology in the earlyâ€divergent angiosperm family Hydatellaceae reveals variation at the infraspecific level. Grana, 2008, 47, 81-100.	0.4	37
138	Cellular Ultrastructure and Crystal Development in Amorphophallus (Araceae). Annals of Botany, 2008, 101, 983-995.	1.4	36
139	Differentiation of perianth organs in Nymphaeales. Taxon, 2008, 57, 1096-1109.	0.4	19
140	Comparative ontogeny of the cyathium in Euphorbia (Euphorbiaceae) and its allies: exploring the organâ€“flowerâ€“inflorescence boundary. American Journal of Botany, 2007, 94, 1612-1629.	0.8	88
141	Seedling Diversity in Hydatellaceae: Implications for the Evolution of Angiosperm Cotyledons. Annals of Botany, 2007, 101, 153-164.	1.4	32
142	Developmental bases for key innovations in the seed-plant microgametophyte. Trends in Plant Science, 2007, 12, 317-326.	4.3	75
143	Floral Morphology and Development in Quillajaceae and Surianaceae (Fabales), the Species-poor Relatives of Leguminosae and Polygalaceae. Annals of Botany, 2007, 100, 1491-1505.	1.4	26
144	Morphology of Hydatellaceae, an anomalous aquatic family recently recognized as an earlyâ€divergent angiosperm lineage. American Journal of Botany, 2007, 94, 1073-1092.	0.8	104

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145	Morphological Phylogenetic Analysis of Pandanales: Testing Contrasting Hypotheses of Floral Evolution. Systematic Botany, 2006, 31, 223-238.	0.2	75
146	Morphological and molecular phylogenetic context of the angiosperms: contrasting the 'top-down' and 'bottom-up' approaches used to infer the likely characteristics of the first flowers. Journal of Experimental Botany, 2006, 57, 3471-3503.	2.4	126
147	Evolutionary and Morphometric Implications of Morphological Variation Among Flowers Within an Inflorescence: A Case-Study Using European Orchids. Annals of Botany, 2006, 98, 975-993.	1.4	57
148	Flower-like terminal structures in racemose inflorescences: a tool in morphogenetic and evolutionary research. Journal of Experimental Botany, 2006, 57, 3517-3530.	2.4	49
149	Evolution of the monocot gynoecium: evidence from comparative morphology and development in Tofieldia, Japonolirion, Petrosavia and Narthecium. Plant Systematics and Evolution, 2006, 258, 183-209.	0.3	48
150	How many nuclei make an embryo sac in flowering plants?. BioEssays, 2006, 28, 1067-1071.	1.2	44
151	Comparative Structure and Development of Pollen and Tapetum in Pandanales. International Journal of Plant Sciences, 2006, 167, 331-348.	0.6	22
152	Phylogenetic context, generic affinities and evolutionary origin of the enigmatic Balkan orchidGymnadenia frivaldiiHampe ex Griseb.. Taxon, 2006, 55, 107-118.	0.4	28
153	Floral anatomy of Thomandersia (Lamiales), with particular reference to the nature of the retinaculum and extranuptial nectaries. Botanical Journal of the Linnean Society, 2005, 149, 469-482.	0.8	8
154	Evolution of reproductive structures in grasses (Poaceae) inferred by sisterâ€group comparison with their putative closest living relatives, Ecdeiocoleaceae. American Journal of Botany, 2005, 92, 1432-1443.	0.8	92
155	Evolutionary History of Poales. Annual Review of Ecology, Evolution, and Systematics, 2005, 36, 107-124.	3.8	170
156	Evolution of dimery, pentamery and the monocarpellary condition in the monocot family Stemonaceae (Pandanales). Taxon, 2005, 54, 701-711.	0.4	31
157	How Much Data are Needed to Resolve a Difficult Phylogeny? Case Study in Lamiales. Systematic Biology, 2005, 54, 697-709.	2.7	127
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