Paula J Rudall

List of Publications by Year
in descending order

205 papers	8,011 citations	53660 45 h-index	71532 76 g-index
209 all docs	209 docs citations	209 times ranked	5856 citing authors

#	Article	IF	Citations
1	Pointillist structural color in <i>Pollia</i> fruit. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15712-15715.	3.3	475
2	Systematics and Biology of Silica Bodies in Monocotyledons. Botanical Review, The, 2003, 69, 377-440.	1.7	301
3	Calcium Oxalate Crystals in Monocotyledons: A Review of their Structure and Systematics. Annals of Botany, 1999, 84, 725-739.	1.4	240
4	Roles of synorganisation, zygomorphy and heterotopy in floral evolution: the gynostemium and labellum of orchids and other lilioid monocots. Biological Reviews, 2002, 77, 403-441.	4.7	191
5	Three-dimensional analysis of plant structure using high-resolution X-ray computed tomography. Trends in Plant Science, 2003, 8, 2-6.	4.3	183
6	Evolutionary History of Poales. Annual Review of Ecology, Evolution, and Systematics, 2005, 36, 107-124.	3.8	170
7	Pollen aperture evolution â€“ a crucial factor for eudicot success?. Trends in Plant Science, 2004, 9, 154-158.	4.3	151
8	Evolution of Microsporogenesis in Angiosperms. International Journal of Plant Sciences, 2002, 163, 235-260.	0.6	127
9	How Much Data are Needed to Resolve a Difficult Phylogeny? Case Study in Lamiales. Systematic Biology, 2005, 54, 697-709.	2.7	127
10	Evolution of zygomorphy in monocot flowers: iterative patterns and developmental constraints. New Phytologist, 2004, 162, 25-44.	3.5	126
11	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
12	Phylogenetics of Dioscoreales based on combined analyses of morphological and molecular data. Botanical Journal of the Linnean Society, 2002, 138, 123-144.	0.8	122
13	Disorder in convergent floral nanostructures enhances signalling to bees. Nature, 2017, 550, 469-474.	13.7	120
14	Microsporogenesis and pollen sulcus type in Asparagales (Lilianae). Canadian Journal of Botany, 1997, 75, 408-430.	1.2	113
15	Early inflorescence development in the grasses (Poaceae). Frontiers in Plant Science, 2013, 4, 250.	1.7	113
16	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
17	The flower of <i><scp>H</scp>ibiscus trionum</i> is both visibly and measurably iridescent. New Phytologist, 2015, 205, 97-101.	3.5	97
18	Yams reclassified: a recircumscription of Dioscoreaceae and Dioscoreales. Taxon, 2002, 51, 103-114.	0.4	94

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19	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
20	Comparative ontogeny of the cyathium in <i>Euphorbia</i> (Euphorbiaceae) and its allies: exploring the organâ€“flowerâ€“inflorescence boundary. American Journal of Botany, 2007, 94, 1612-1629.	0.8	88
21	Taxonomy and Classification. , 2013, , 19-101.		88
22	Several developmental and morphogenetic factors govern the evolution of stomatal patterning in land plants. New Phytologist, 2013, 200, 598-614.	3.5	87
23	Inaperturate Pollen in Monocotyledons. International Journal of Plant Sciences, 1999, 160, 395-414.	0.6	83
24	The key role of morphology in modelling inflorescence architecture. Trends in Plant Science, 2009, 14, 302-309.	4.3	78
25	Evolutionary change in flowers and inflorescences: evidence from naturally occurring terata. Trends in Plant Science, 2003, 8, 76-82.	4.3	76
26	Morphological Phylogenetic Analysis of Pandanales: Testing Contrasting Hypotheses of Floral Evolution. Systematic Botany, 2006, 31, 223-238.	0.2	75
27	Developmental bases for key innovations in the seed-plant microgametophyte. Trends in Plant Science, 2007, 12, 317-326.	4.3	75
28	The Nucellus and Chalaza in monocotyledons: Structure and systematics. Botanical Review, The, 1997, 63, 140-181.	1.7	74
29	Systematics of Acorus: Ovule and Anther. International Journal of Plant Sciences, 1997, 158, 640-651.	0.6	70
30	Floral anatomy and systematics of Alliaceae with particular reference to <i>Gilliesia</i>, a presumed insect mimic with strongly zygomorphic flowers. American Journal of Botany, 2002, 89, 1867-1883.	0.8	70
31	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
32	The tapetum and systematics in monocotyledons. Botanical Review, The, 1998, 64, 201-239.	1.7	65
33	Development of a complex floral trait: The pollinatorâ€attracting petal spots of the beetle daisy, <i>Gorteria diffusa</i> (Asteraceae). American Journal of Botany, 2009, 96, 2184-2196.	0.8	64
34	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
35	Laticifers in Euphorbiaceae-a conspectus. Botanical Journal of the Linnean Society, 1987, 94, 143-163.	0.8	62
36	Microsporogenesis and pollen morphology in dioscoreales and allied taxa. Grana, 1998, 37, 321-336.	0.4	61

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37	Epidermal Patterning and Silica Phytoliths in Grasses: An Evolutionary History. Botanical Review, The, 2014, 80, 59-71.	1.7	61
38	Evolution and development of monocot stomata. American Journal of Botany, 2017, 104, 1122-1141.	0.8	61
39	New Circumscriptions and a New Family of Asparagoid Lilies: Genera Formerly included in Anthericaceae. Kew Bulletin, 1996, 51, 667.	0.4	60
40	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
41	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
42	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
43	Pollen and anther characters in monocot systematics. Grana, 2001, 40, 17-25.	0.4	56
44	Taxonomic monograph of <i>Oxygyne</i> (Thismiaceae), rare achlorophyllous mycoheterotrophs with strongly disjunct distribution. PeerJ, 2018, 6, e4828.	0.9	56
45	Structural colour from helicoidal cell-wall architecture in fruits of<i>Margaritaria nobilis</i>. Journal of the Royal Society Interface, 2016, 13, 20160645.	1.5	55
46	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
47	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
48	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
49	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
50	All in a spin: centrifugal organ formation and floral patterning. Current Opinion in Plant Biology, 2010, 13, 108-114.	3.5	47
51	Comparative labellum micromorphology of the sexually deceptive temperate orchid genus<i>Ophrys</i>: diverse epidermal cell types and multiple origins of structural colour. Botanical Journal of the Linnean Society, 2010, 162, 504-540.	0.8	47
52	The mirror crack'd: both pigment and structure contribute to the glossy blue appearance of the mirror orchid, <i>Ophrys speculum</i>. New Phytologist, 2012, 196, 1038-1047.	3.5	47
53	Anatomical and molecular systematics of Asteliaceae and Hypoxidaceae. Botanical Journal of the Linnean Society, 1998, 127, 1-42.	0.8	46
54	How many nuclei make an embryo sac in flowering plants?. BioEssays, 2006, 28, 1067-1071.	1.2	44

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55	Characterization of <i>Linaria KNOX</i> genes suggests a role in petalâ€spur development. Plant Journal, 2011, 68, 703-714.	2.8	44
56	Floral formulae updated for routine inclusion in formal taxonomic descriptions. Taxon, 2010, 59, 241-250.	0.4	43
57	Structure and systematics of Hanguana, a monocotyledon of uncertain affinity. Australian Systematic Botany, 1999, 12, 311.	0.3	42
58	Racemose inflorescences of monocots: structural and morphogenetic interaction at the flower/inflorescence level. Annals of Botany, 2013, 112, 1553-1566.	1.4	42
59	Was the ancestral angiosperm flower whorled throughout?. American Journal of Botany, 2018, 105, 5-15.	0.8	42
60	Recircumscription of the monocotyledonous family Petrosaviaceae to include Japonolirion. Brittonia, 2003, 55, 214-225.	0.8	41
61	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
62	Recurrent abnormalities in conifer cones and the evolutionary origins of flower-like structures. Trends in Plant Science, 2011, 16, 151-159.	4.3	40
63	Directional scattering from the glossy flower of <i>Ranunculus</i> : how the buttercup lights up your chin. Journal of the Royal Society Interface, 2012, 9, 1295-1301.	1.5	40
64	â€˜Living stonesâ€™ reveal alternative petal identity programs within the core eudicots. Plant Journal, 2012, 69, 193-203.	2.8	39
65	Evolution of Catkins: Inflorescence Morphology of Selected Salicaceae in an Evolutionary and Developmental Context. Frontiers in Plant Science, 2015, 6, 1030.	1.7	39
66	Ancient Gondwana breakâ€up explains the distribution of the mycoheterotrophic family Corsiaceae (Liliales). Journal of Biogeography, 2015, 42, 1123-1136.	1.4	39
67	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
68	Combined phylogenetic analyses reveal interfamilial relationships and patterns of floral evolution in the eudicot order Fabales. Cladistics, 2012, 28, 393-421.	1.5	38
69	Comparative pollen morphology in the earlyâ€divergent angiosperm family Hydatellaceae reveals variation at the infraspecific level. Grana, 2008, 47, 81-100.	0.4	37
70	Systematics of Ruscaceae/Convallariaceae: a combined morphological and molecular investigation. Botanical Journal of the Linnean Society, 2000, 134, 73-92.	0.8	36
71	Fascicles and Filamentous Structures: Comparative Ontogeny of Morphological Novelties in Triuridaceae. International Journal of Plant Sciences, 2008, 169, 1023-1037.	0.6	36
72	Cellular Ultrastructure and Crystal Development in Amorphophallus (Araceae). Annals of Botany, 2008, 101, 983-995.	1.4	36

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73	Dynamics of intracellular mannan and cell wall folding in the drought responses of succulent <i>Aloe</i> species. Plant, Cell and Environment, 2019, 42, 2458-2471.	2.8	36
74	Evolution of Floral Nectaries in Iridaceae. Annals of the Missouri Botanical Garden, 2003, 90, 613.	1.3	35
75	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
76	Microsporogenesis and systematics of Aristolochiaceae. Botanical Journal of the Linnean Society, 2001, 137, 221-242.	0.8	34
77	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
78	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
79	Seedling Diversity in Hydatellaceae: Implications for the Evolution of Angiosperm Cotyledons. Annals of Botany, 2007, 101, 153-164.	1.4	32
80	Pollen structure and function in caesalpinioid legumes. American Journal of Botany, 2016, 103, 423-436.	0.8	32
81	Evolution of dimery, pentamery and the monocarpellary condition in the monocot family Stemonaceae (Pandanales). Taxon, 2005, 54, 701-711.	0.4	31
82	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
83	Ultrastructure of stomatal development in early-divergent angiosperms reveals contrasting patterning and pre-patterning. Annals of Botany, 2013, 112, 1031-1043.	1.4	31
84	Colourful cones: how did flower colour first evolve?. Journal of Experimental Botany, 2020, 71, 759-767.	2.4	31
85	Cabomba as a model for studies of early angiosperm evolution. Annals of Botany, 2011, 108, 589-598.	1.4	30
86	Elucidating the affinities and habitat of ancient, widespread Cyperaceae: <i>Volkeria messelensis</i> gen. et sp. nov., a fossil mapanioid sedge from the Eocene of Europe. American Journal of Botany, 2009, 96, 1506-1518.	0.8	29
87	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
88	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
89	Microsporogenesis and anther development in Bromeliaceae. Grana, 2005, 44, 65-74.	0.4	28
90	Phylogenetic context, generic affinities and evolutionary origin of the enigmatic Balkan orchid<i>Gymnadenia frivaldii</i>Hampe ex Griseb.. Taxon, 2006, 55, 107-118.	0.4	28

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91	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
92	Ultrastructure and optics of the prismâ€like petal epidermal cells of <i>Eschscholzia californica</i> (California poppy). New Phytologist, 2018, 219, 1124-1133.	3.5	28
93	Embryology, cytology and systematics ofHemiphylacus, Asparagus andAnemarrhena (Asparagales). Plant Systematics and Evolution, 1998, 211, 181-199.	0.3	27
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	Structural colour in Chondrus crispus. Scientific Reports, 2015, 5, 11645.	1.6	27
96	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
97	Systematic revision of<i>Platanthera</i>in the Azorean archipelago: not one but three species, including arguably Europeâ€™s rarest orchid. PeerJ, 2013, 1, e218.	0.9	27
98	Systematic Significance of Cell Inclusions in Haemodoraceae and Allied Families: Silica Bodies and Tapetal Raphides. Annals of Botany, 2003, 92, 571-580.	1.4	26
99	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
100	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
101	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
102	Unique Floral Structures and Iterative Evolutionary Themes in Asparagales: Insights from a Morphological Cladistic Analysis. Botanical Review, The, 2002, 68, 488-509.	1.7	24
103	Molecular phylogenetics of Hydatellaceae (Nymphaeales): Sexualâ€system homoplasy and a new sectional classification. American Journal of Botany, 2012, 99, 663-676.	0.8	24
104	Comparative Gynoecium Structure and Multiple Origins of Apocarpy in Coryphoid Palms (Arecaceae). International Journal of Plant Sciences, 2011, 172, 674-690.	0.6	23
105	Molecular and morphological phylogenetics of the digitate-tubered clade within subtribe Orchidinae s.s. (Orchidaceae: Orchideae). Kew Bulletin, 2018, 73, 1.	0.4	23
106	Floral anatomy in Dypsis (Arecaceaeâ€"Areceae): a case of complex synorganization and stamen reduction. Botanical Journal of the Linnean Society, 2003, 143, 115-133.	0.8	22
107	Comparative Structure and Development of Pollen and Tapetum in Pandanales. International Journal of Plant Sciences, 2006, 167, 331-348.	0.6	22
108	Fossil <i>Cyclanthus</i> (Cyclanthaceae, Pandanales) from the Eocene of Germany and England. American Journal of Botany, 2008, 95, 688-699.	0.8	22

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109	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
110	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
111	Flowers and inflorescences of the seagrass <i>Posidonia</i> (Posidoniaceae, Alismatales). American Journal of Botany, 2012, 99, 1592-1608.	0.8	21
112	Organ homologies in orchid flowers re-interpreted using the Musk Orchid as a model. PeerJ, 2013, 1, e26.	0.9	21
113	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
114	Comparative fruit structure in Hydatellaceae (Nymphaeales) reveals specialized pericarp dehiscence in some earlyâ€œdivergent angiosperms with ascidiate carpels. Taxon, 2013, 62, 40-61.	0.4	20
115	Comparative floral anatomy of Pontederiaceae. Botanical Journal of the Linnean Society, 2004, 144, 395-408.	0.8	19
116	Structure and Development of the Ovule in Bromeliaceae. Kew Bulletin, 2004, 59, 261.	0.4	19
117	Differentiation of perianth organs in Nymphaeales. Taxon, 2008, 57, 1096-1109.	0.4	19
118	Flower-specific KNOX phenotype in the orchid Dactylorhiza fuchsii. Journal of Experimental Botany, 2012, 63, 4811-4819.	2.4	18
119	The remarkable stomata of horsetails (Equisetum): patterning, ultrastructure and development. Annals of Botany, 2016, 118, 207-218.	1.4	18
120	Supposed Jurassic angiosperms lack pentamery, an important angiospermâ€specific feature. New Phytologist, 2020, 228, 420-426.	3.5	18
121	Embryology and breeding systems inCrocus (Iridaceae)?a study in causes of chromosome variation. Plant Systematics and Evolution, 1985, 148, 119-134.	0.3	17
122	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
123	Reconstructing the age and historical biogeography of the ancient flowering-plant family Hydatellaceae (Nymphaeales). BMC Evolutionary Biology, 2014, 14, 102.	3.2	17
124	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
125	Phylogenomics and evolution of floral traits in the Neotropical tribe Malmeeae (Annonaceae). Molecular Phylogenetics and Evolution, 2018, 118, 379-391.	1.2	17
126	Leaf surface development and the plant fossil record: stomatal patterning in Bennettitales. Biological Reviews, 2019, 94, 1179-1194.	4.7	17

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127	Selective microspore abortion correlated with aneuploidy: an indication of meiotic drive. Sexual Plant Reproduction, 2011, 24, 1-8.	2.2	16
128	Viburnum tinus Fruits Use Lipids to Produce Metallic Blue Structural Color. Current Biology, 2020, 30, 3804-3810.e2.	1.8	16
129	The questionable affinities of Corsia (Corsiaceae): evidence from floral anatomy and pollen morphology. Botanical Journal of the Linnean Society, 2002, 138, 315-324.	0.8	15
130	Evolutionary Transitions among Flowers of Perianthless Piperales: Inferences from Inflorescence and Flower Development in the Anomalous Species Peperomia fraseri (Piperaceae). International Journal of Plant Sciences, 2005, 166, 925-943.	0.6	15
131	Origin of the Taxaceae aril: evolutionary implications of seed-cone teratologies inPseudotaxus chienii. Annals of Botany, 2019, 123, 133-143.	1.4	15
132	Whole plastomes are not enough: phylogenomic and morphometric exploration at multiple demographic levels of the bee orchid clade <i>Ophrys</i> sect. <i>Sphegodes</i>. Journal of Experimental Botany, 2021, 72, 654-681.	2.4	15
133	Ultrastructure of Stomatal Development in<i>Ginkgo biloba</i>. International Journal of Plant Sciences, 2012, 173, 849-860.	0.6	14
134	Graminids from Eocene Baltic amber. Review of Palaeobotany and Palynology, 2016, 233, 161-168.	0.8	14
135	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
136	Cryptic species in an ancient floweringâ€plant lineage (Hydatellaceae, Nymphaeales) revealed by molecular and micromorphological data. Taxon, 2019, 68, 1-19.	0.4	13
137	Evolution and patterning of the ovule in seed plants. Biological Reviews, 2021, 96, 943-960.	4.7	13
138	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
139	Taxonomy of Cyanastroideae (Tecophilaeaceae): A Multidisciplinary Approach. Kew Bulletin, 1998, 53, 769.	0.4	12
140	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
141	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
142	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
143	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
144	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

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145	Clarified relationship between Dactylorhiza viridis and Dactylorhiza iberica renders obsolete the former genus Coeloglossum (Orchidaceae: Orchidinae). Kew Bulletin, 2018, 73, 1.	0.4	12
146	Epidermal patterning and stomatal development in Gnetales. Annals of Botany, 2019, 124, 149-164.	1.4	12
147	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
148	The life and death of a mythical British endemic,<i>Orchis militaris</i>L. var.<i>tenuifrons</i>P.D. Sell: why infraspecific taxonomy requires a field-based morphometric approach. New Journal of Botany, 2011, 1, 98-110.	0.2	11
149	Embolism resistance in petioles and leaflets of palms. Annals of Botany, 2019, 124, 1173-1183.	1.4	11
150	Flower and pollen structure of Ruscaceae in relation to Aspidistreae and other Convallariaceae. Flora: Morphology, Distribution, Functional Ecology of Plants, 1999, 194, 201-214.	0.6	10
151	Xeronemataceae, a New Family of Asparagoid Lilies from New Caledonia and New Zealand. Kew Bulletin, 2000, 55, 865.	0.4	10
152	Starch-accumulating (S-type) sieve-element plastids in Hydatellaceae: implications for plastid evolution in flowering plants. Protoplasma, 2009, 237, 19-26.	1.0	10
153	<i>Harperocallis</i> is congeneric with <i>Isidrogalvia</i> (Tofieldiaceae, Alismatales): Evidence from comparative floral morphology. Taxon, 2011, 60, 1076-1094.	0.4	10
154	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
155	Is syncarpy an ancestral condition in monocots and core eudicots?. , 2013, , .		9
156	Chromosome behavior at the base of the angiosperm radiation: Karyology of <i>Trithuria submersa</i> (Hydatellaceae, Nymphaeales). American Journal of Botany, 2014, 101, 1447-1455.	0.8	9
157	Pollen Structure and Diversity in Liliales. International Journal of Plant Sciences, 2015, 176, 697-723.	0.6	9
158	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
159	Phylogeography of the Macaronesian Lettuce Species Lactuca watsoniana and L. palmensis (Asteraceae). Biochemical Genetics, 2018, 56, 315-340.	0.8	9
160	Coenocytic Growth Phases in Land Plant Development: A Paleo-Evo-Devo Perspective. International Journal of Plant Sciences, 2019, 180, 607-622.	0.6	9
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