

Colin E Hughes

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

5,288
citations

236612

25
h-index

454577

30
g-index

34
all docs

34
docs citations

34
times ranked

5648
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolutionary diversification in the hyper-diverse montane forests of the tropical Andes: radiation of <i>Macroparaea</i> (Gentianaceae) and the possible role of range expansion. <i>Botanical Journal of the Linnean Society</i> , 2022, 199, 53-75.	0.8	5
2	The Origin of the Legumes is a Complex Paleopolyploid Phylogenomic Tangle Closely Associated with the Cretaceous–Paleogene (K–Pg) Mass Extinction Event. <i>Systematic Biology</i> , 2021, 70, 508-526.	2.7	83
3	Large-scale genomic sequence data resolve the deepest divergences in the legume phylogeny and support a near-simultaneous evolutionary origin of all six subfamilies. <i>New Phytologist</i> , 2020, 225, 1355-1369.	3.5	94
4	Hybrid capture of 964 nuclear genes resolves evolutionary relationships in the mimosoid legumes and reveals the polytomous origins of a large pantropical radiation. <i>American Journal of Botany</i> , 2020, 107, 1710-1735.	0.8	51
5	THE STEBBINS MEDAL 2019. <i>Taxon</i> , 2020, 69, 420-420.	0.4	0
6	Diversification in evolutionary arenas—Assessment and synthesis. <i>Ecology and Evolution</i> , 2020, 10, 6163-6182.	0.8	43
7	Biomes as evolutionary arenas: Convergence and conservatism in the transcontinental succulent biome. <i>Global Ecology and Biogeography</i> , 2020, 29, 1100-1113.	2.7	34
8	Island woodiness underpins accelerated disparification in plant radiations. <i>New Phytologist</i> , 2019, 224, 518-531.	3.5	56
9	Global Succulent Biome phylogenetic conservatism across the pantropical Caesalpinia Group (Leguminosae). <i>New Phytologist</i> , 2019, 222, 1994-2008.	3.5	64
10	PacBio-Based Mitochondrial Genome Assembly of <i>Leucaena trichandra</i> (Leguminosae) and an Intrageneric Assessment of Mitochondrial RNA Editing. <i>Genome Biology and Evolution</i> , 2018, 10, 2501-2517.	1.1	49
11	Pleistocene glacial cycles drive isolation, gene flow and speciation in the high-elevation Andes. <i>New Phytologist</i> , 2018, 219, 779-793.	3.5	96
12	A new subfamily classification of the Leguminosae based on a taxonomically comprehensive phylogeny: The Legume Phylogeny Working Group (LPWG). <i>Taxon</i> , 2017, 66, 44-77.	0.4	803
13	Are there many different routes to becoming a global biodiversity hotspot?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4275-4277.	3.3	25
14	A new generic system for the pantropical Caesalpinia group (Leguminosae). <i>PhytoKeys</i> , 2016, 71, 1-160.	0.4	96
15	Lost crops of the Incas: Origins of domestication of the Andean pulse crop tarwi, <i>Lupinus mutabilis</i> . <i>American Journal of Botany</i> , 2016, 103, 1592-1606.	0.8	47
16	Widespread adaptive evolution during repeated evolutionary radiations in New World lupins. <i>Nature Communications</i> , 2016, 7, 12384.	5.8	80
17	The tropical Andean plant diversity powerhouse. <i>New Phytologist</i> , 2016, 210, 1152-1154.	3.5	28
18	Mimosoid legume plastome evolution: IR expansion, tandem repeat expansions and accelerated rate of evolution in <i>clpP</i> . <i>Scientific Reports</i> , 2015, 5, 16958.	1.6	125

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19	Using targeted enrichment of nuclear genes to increase phylogenetic resolution in the neotropical rain forest genus <i>Inga</i> (Leguminosae: Mimosoideae). <i>Frontiers in Plant Science</i> , 2015, 6, 710.	1.7	147
20	The ubiquity of alpine plant radiations: from the Andes to the Hengduan Mountains. <i>New Phytologist</i> , 2015, 207, 275-282.	3.5	336
21	A new cryptic species in a new cryptic genus in the <i>Caesalpinia</i> group (Leguminosae) from the seasonally dry inter-Andean valleys of South America. <i>Taxon</i> , 2015, 64, 468-490.	0.4	27
22	The remarkable congruence of New and Old World savanna origins. <i>New Phytologist</i> , 2014, 204, 4-6.	3.5	51
23	Neotropical Plant Evolution: Assembling the Big Picture. <i>Botanical Journal of the Linnean Society</i> , 2013, 171, 1-18.	0.8	251
24	Legume phylogeny and classification in the 21st century: Progress, prospects and lessons for other species-rich clades. <i>Taxon</i> , 2013, 62, 217-248.	0.4	305
25	Multiple Continental Radiations and Correlates of Diversification in <i>Lupinus</i> (Leguminosae): Testing for Key Innovation with Incomplete Taxon Sampling. <i>Systematic Biology</i> , 2012, 61, 443-460.	2.7	281
26	Evolutionary islands in the Andes: persistence and isolation explain high endemism in Andean dry tropical forests. <i>Journal of Biogeography</i> , 2012, 39, 884-900.	1.4	178
27	Underestimated endemic species diversity in the dry inter-Andean valley of the R�o Mara�n, northern Peru: An example from <i>Mimosa</i> (Leguminosae, Mimosoideae). <i>Taxon</i> , 2011, 60, 139-150.	0.4	57
28	Recent assembly of the Cerrado, a neotropical plant diversity hotspot, by in situ evolution of adaptations to fire. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20359-20364.	3.3	783
29	Island radiation on a continental scale: Exceptional rates of plant diversification after uplift of the Andes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10334-10339.	3.3	896
30	Metacommunity process rather than continental tectonic history better explains geographically structured phylogenies in legumes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2004, 359, 1509-1522.	1.8	156