Colin E Hughes

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7037571/publications.pdf

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30	5,288	236612	454577
papers	citations	25 h-index	30 g-index

34	34	34	5648
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Island radiation on a continental scale: Exceptional rates of plant diversification after uplift of the Andes. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10334-10339.	3.3	896
2	A new subfamily classification of the Leguminosae based on a taxonomically comprehensive phylogeny: The Legume Phylogeny Working Group (LPWG). Taxon, 2017, 66, 44-77.	0.4	803
3	Recent assembly of the Cerrado, a neotropical plant diversity hotspot, by in situ evolution of adaptations to fire. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20359-20364.	3.3	783
4	The ubiquity of alpine plant radiations: from the Andes to the Hengduan Mountains. New Phytologist, 2015, 207, 275-282.	3.5	336
5	Legume phylogeny and classification in the 21st century: Progress, prospects and lessons for other speciesâ€“rich clades. Taxon, 2013, 62, 217-248.	0.4	305
6	Multiple Continental Radiations and Correlates of Diversification in Lupinus (Leguminosae): Testing for Key Innovation with Incomplete Taxon Sampling. Systematic Biology, 2012, 61, 443-460.	2.7	281
7	Neotropical Plant Evolution: Assembling the Big Picture. Botanical Journal of the Linnean Society, 2013, 171, 1-18.	0.8	251
8	Evolutionary islands in the Andes: persistence and isolation explain high endemism in Andean dry tropical forests. Journal of Biogeography, 2012, 39, 884-900.	1.4	178
9	Metacommunity process rather than continental tectonic history better explains geographically structured phylogenies in legumes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2004, 359, 1509-1522.	1.8	156
10	Using targeted enrichment of nuclear genes to increase phylogenetic resolution in the neotropical rain forest genus Inga (Leguminosae: Mimosoideae). Frontiers in Plant Science, 2015, 6, 710.	1.7	147
11	Mimosoid legume plastome evolution: IR expansion, tandem repeat expansions and accelerated rate of evolution in clpP. Scientific Reports, 2015, 5, 16958.	1.6	125
12	A new generic system for the pantropical Caesalpinia group (Leguminosae). PhytoKeys, 2016, 71, 1-160.	0.4	96
13	Pleistocene glacial cycles drive isolation, gene flow and speciation in the highâ€elevation Andes. New Phytologist, 2018, 219, 779-793.	3.5	96
14	Largeâ€scale genomic sequence data resolve the deepest divergences in the legume phylogeny and support a nearâ€simultaneous evolutionary origin of all six subfamilies. New Phytologist, 2020, 225, 1355-1369.	3.5	94
15	The Origin of the Legumes is a Complex Paleopolyploid Phylogenomic Tangle Closely Associated with the Cretaceousâ€“Paleogene (Kâ€“Pg) Mass Extinction Event. Systematic Biology, 2021, 70, 508-526.	2.7	83
16	Widespread adaptive evolution during repeated evolutionary radiations in New World lupins. Nature Communications, 2016, 7, 12384.	5.8	80
17	Global Succulent Biome phylogenetic conservatism across the pantropical Caesalpinia Group (Leguminosae). New Phytologist, 2019, 222, 1994-2008.	3.5	64
18	Underestimated endemic species diversity in the dry interâ€Andean valley of the RÃo MaraÃ±Ã³n, northern Peru: An example from Mimosa (Leguminosae, Mimosoideae). Taxon, 2011, 60, 139-150.	0.4	57

#	Article	IF	Citations
19	Island woodiness underpins accelerated disparification in plant radiations. New Phytologist, 2019, 224, 518-531.	3.5	56
20	The remarkable congruence of New and Old World savanna origins. New Phytologist, 2014, 204, 4-6.	3.5	51
21	Hybrid capture of 964 nuclear genes resolves evolutionary relationships in the mimosoid legumes and reveals the polytomous origins of a large pantropical radiation. American Journal of Botany, 2020, 107, 1710-1735.	0.8	51
22	PacBio-Based Mitochondrial Genome Assembly of Leucaena trichandra (Leguminosae) and an Intrageneric Assessment of Mitochondrial RNA Editing. Genome Biology and Evolution, 2018, 10, 2501-2517.	1.1	49
23	Lost crops of the Incas: Origins of domestication of the Andean pulse crop tarwi, Lupinus mutabilis. American Journal of Botany, 2016, 103, 1592-1606.	0.8	47
24	Diversification in evolutionary arenasâ€"Assessment and synthesis. Ecology and Evolution, 2020, 10, 6163-6182.	0.8	43
25	Biomes as evolutionary arenas: Convergence and conservatism in the transâ€continental succulent biome. Global Ecology and Biogeography, 2020, 29, 1100-1113.	2.7	34
26	The tropical Andean plant diversity powerhouse. New Phytologist, 2016, 210, 1152-1154.	3.5	28
27	A new cryptic species in a new cryptic genus in the Caesalpinia group (Leguminosae) from the seasonally dry interâ€Andean valleys of South America. Taxon, 2015, 64, 468-490.	0.4	27
28	Are there many different routes to becoming a global biodiversity hotspot?. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4275-4277.	3.3	25
29	Evolutionary diversification in the hyper-diverse montane forests of the tropical Andes: radiation ofMacrocarpaea(Gentianaceae) and the possible role of range expansion. Botanical Journal of the Linnean Society, 2022, 199, 53-75.	0.8	5
30	THE STEBBINS MEDAL 2019. Taxon, 2020, 69, 420-420.	0.4	0