Pete Hollingsworth

List of Publications by Year in descending order

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121 papers	15,396 citations	71102 41 h-index	19190 118 g-index
124 all docs	124 docs citations	124 times ranked	16134 citing authors

#	Article	IF	Citations
1	Using target capture to address conservation challenges: Populationâ€level tracking of a globallyâ€traded herbal medicine. Molecular Ecology Resources, 2022, 22, 212-224.	4.8	11
2	Testing genome skimming for species discrimination in the large and taxonomically difficult genus Rhododendron. Molecular Ecology Resources, 2022, 22, 404-414.	4.8	35
3	Do taxon-specific DNA barcodes improve species discrimination relative to universal barcodes in Lauraceae?. Botanical Journal of the Linnean Society, 2022, 199, 741-753.	1.6	5
4	A taxonomic, genetic and ecological data resource for the vascular plants of Britain and Ireland. Scientific Data, 2022, 9, 1.	5.3	86
5	Bringing together approaches to reporting on within species genetic diversity. Journal of Applied Ecology, 2022, 59, 2227-2233.	4.0	24
6	Understanding climate change impacts on biome and plant distributions in the Andes: Challenges and opportunities. Journal of Biogeography, 2022, 49, 1420-1442.	3.0	27
7	Can plastid genome sequencing be used for species identification in Lauraceae?. Botanical Journal of the Linnean Society, 2021, 197, 1-14.	1.6	38
8	Barcode UK: A complete DNA barcoding resource for the flowering plants and conifers of the United Kingdom. Molecular Ecology Resources, 2021, 21, 2050-2062.	4.8	32
9	Detecting and predicting forest degradation: A comparison of ground surveys and remote sensing in Tanzanian forests. Plants People Planet, 2021, 3, 268-281.	3.3	20
10	The Future of DNA Barcoding: Reflections from Early Career Researchers. Diversity, 2021, 13, 313.	1.7	26
11	DNA barcoding identifies cryptic animal tool materials. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2020699118.	7.1	3
12	Plastid phylogenomic insights into relationships of all flowering plant families. BMC Biology, 2021, 19, 232.	3.8	109
13	Extinction risk and threats to plants and fungi. Plants People Planet, 2020, 2, 389-408.	3.3	242
14	Morphology and pollen fertility of native and non-native bluebells in Great Britain. Plant Ecology and Diversity, 2020, 13, 351-361.	2.4	2
15	Untapped resources for medical research. Science, 2020, 369, 781-782.	12.6	9
16	Globally rare oceanic-montane liverworts with disjunct distributions: evidence for long-distance dispersal. Biodiversity and Conservation, 2020, 29, 3245-3264.	2.6	6
17	Current knowledge, status, and future for plant and fungal diversity in Great Britain and the UK Overseas Territories. Plants People Planet, 2020, 2, 557-579.	3.3	13
18	The Treasure Vault Can be Opened: Large-Scale Genome Skimming Works Well Using Herbarium and Silica Gel Dried Material. Plants, 2020, 9, 432.	3.5	59

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19	A transcriptome-based resolution for a key taxonomic controversy in Cupressaceae. Annals of Botany, 2019, 123, 153-167.	2.9	18
20	De novo genome assembly of the endangered Acer yangbiense, a plant species with extremely small populations endemic to Yunnan Province, China. GigaScience, 2019, 8, .	6.4	42
21	Origin of angiosperms and the puzzle of the Jurassic gap. Nature Plants, 2019, 5, 461-470.	9.3	467
22	Development of polymorphic microsatellite markers for tree peony Paeonia delavayi (Paeoniaceae) using ddRAD-seq data. Molecular Biology Reports, 2019, 46, 4605-4610.	2.3	3
23	Paternity analysis reveals constraints on hybridization potential between native and introduced bluebells (Hyacinthoides). Conservation Genetics, 2019, 20, 571-584.	1.5	4
24	Authentication of Eleutherococcus and Rhodiola herbal supplement products in the United Kingdom. Journal of Pharmaceutical and Biomedical Analysis, 2018, 149, 403-409.	2.8	33
25	<scp>DNA</scp> barcoding herbaceous and woody plant species at a subalpine forest dynamics plot in Southwest China. Ecology and Evolution, 2018, 8, 7195-7205.	1.9	14
26	DNA barcoding a taxonomically complex hemiparasitic genus reveals deep divergence between ploidy levels but lack of species-level resolution. AoB PLANTS, 2018, 10, ply026.	2.3	21
27	Genome skimming herbarium specimens for DNA barcoding and phylogenomics. Plant Methods, 2018, 14, 43.	4.3	132
28	ARAUCARIA GOROENSIS (ARAUCARIACEAE), A NEW MONKEY PUZZLE FROM NEW CALEDONIA, AND NOMENCLATURAL NOTES ON ARAUCARIA MUELLERI. Edinburgh Journal of Botany, 2017, 74, 123-139.	0.4	8
29	High levels of population differentiation in two New Caledonian Scaevola species (Goodeniaceae) and its implications for conservation prioritisation and restoration. Australian Journal of Botany, 2017, 65, 140.	0.6	1
30	International Barcode of Life: Focus on big biodiversity in South Africa. Genome, 2017, 60, 875-879.	2.0	12
31	Understanding and monitoring the consequences of human impacts on intraspecific variation. Evolutionary Applications, 2017, 10, 121-139.	3.1	145
32	Using DNA Sequence Data to Enhance Understanding and Conservation of Plant Diversity at the Species Level. , 2017, , 23-48.		2
33	Preliminary insights from DNA barcoding into the diversity of mosses colonising modern building surfaces. Bryophyte Diversity and Evolution, 2016, 38, 1.	1.1	9
34	From barcodes to genomes: extending the concept of DNA barcoding. Molecular Ecology, 2016, 25, 1423-1428.	3.9	322
35	Hidden in plain view: Cryptic diversity in the emblematic Araucaria of New Caledonia. American Journal of Botany, 2016, 103, 888-898.	1.7	12
36	Telling plant species apart with DNA: from barcodes to genomes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150338.	4.0	234

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37	From writing to reading the encyclopedia of life. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150321.	4.0	48
38	Transplanting the leafy liverwortHerbertus hutchinsiae: a suitable conservation tool to maintain oceanic-montane liverwort-rich heath?. Plant Ecology and Diversity, 2016, 9, 175-185.	2.4	6
39	Conservation genetics of the annual hemiparasitic plant Melampyrum sylvaticum (Orobanchaceae) in the UK and Scandinavia. Conservation Genetics, 2016, 17, 547-556.	1.5	2
40	Assessing Hotspots of Evolutionary History with Data from Multiple Phylogenies: An Analysis of Endemic Clades from New Caledonia. Topics in Biodiversity and Conservation, 2016, , 237-262.	1.0	2
41	Is hybridisation a threat toRumex aquaticusin Britain?. Plant Ecology and Diversity, 2015, 8, 465-474.	2.4	4
42	Current trends of rubber plantation expansion may threaten biodiversity and livelihoods. Global Environmental Change, 2015, 34, 48-58.	7.8	281
43	The resilience of forest fragmentation geneticsâ€"no longer a paradoxâ€"we were just looking in the wrong place. Heredity, 2015, 115, 97-99.	2.6	78
44	Does complete plastid genome sequencing improve species discrimination and phylogenetic resolution in Araucaria?. Molecular Ecology Resources, 2015, 15, 1067-1078.	4.8	100
45	Extending glacial refugia for a European tree: genetic markers show that Iberian populations of white elm are native relicts and not introductions. Heredity, 2014, 112, 105-113.	2.6	27
46	Fifty years of vegetation change in oceanic-montane liverwort-rich heath in Scotland. Plant Ecology and Diversity, 2014, 7, 457-470.	2.4	18
47	Ficus insipida subsp. insipida (Moraceae) reveals the role of ecology in the phylogeography of widespread Neotropical rain forest tree species. Journal of Biogeography, 2014, 41, 1697-1709.	3.0	25
48	Evolutionary Diversification of New Caledonian Araucaria. PLoS ONE, 2014, 9, e110308.	2.5	36
49	Regeneration capacity of oceanic-montane liverworts: implications for community distribution and conservation. Journal of Bryology, 2013, 35, 12-19.	1.2	9
50	PATTERNS OF MATING, GENERATION OF DIVERSITY, AND FITNESS OF OFFSPRING IN AGEUMHYBRID SWARM. Evolution; International Journal of Organic Evolution, 2013, 67, 2728-2740.	2.3	14
51	Conservation Priorities in a Biodiversity Hotspot: Analysis of Narrow Endemic Plant Species in New Caledonia. PLoS ONE, 2013, 8, e73371.	2.5	104
52	Lichens under threat from ash dieback. Nature, 2012, 491, 672-672.	27.8	16
53	Isolation of microsatellite primers for Melampyrum sylvaticum (Orobanchaceae), an endangered plant in the United Kingdom. American Journal of Botany, 2012, 99, e457-9.	1.7	3
54	DNA barcoding of European Herbertus (Marchantiopsida, Herbertaceae) and the discovery and description of a new species. Molecular Ecology Resources, 2012, 12, 36-47.	4.8	50

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55	Nuclear ribosomal internal transcribed spacer (ITS) region as a universal DNA barcode marker for Fungi. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6241-6246.	7.1	4,012
56	AFLP markers provide insights into the evolutionary relationships and diversification of New Caledonian Araucaria species (Araucariaceae). American Journal of Botany, 2012, 99, 68-81.	1.7	39
57	DNA Barcoding Methods for Land Plants. Methods in Molecular Biology, 2012, 858, 223-252.	0.9	97
58	Ten nuclear microsatellites markers cross-amplifying in Scaevola montana and S. coccinea (Goodeniaceae), a locally common and a narrow endemic plant species of ultramafic scrublands in New Caledonia. Conservation Genetics Resources, 2012, 4, 725-728.	0.8	3
59	Importance of demography and dispersal for the resilience and restoration of a critically endangered tropical conifer Araucaria nemorosa. Diversity and Distributions, 2012, 18, 248-259.	4.1	21
60	Process-Based Species Action Plans: an approach to conserve contemporary evolutionary processes that sustain diversity in taxonomically complex groups. Botanical Journal of the Linnean Society, 2012, 168, 194-203.	1.6	31
61	Determinants of fine-scale spatial genetic structure in three co-occurring rain forest canopy trees in Borneo. Perspectives in Plant Ecology, Evolution and Systematics, 2011, 13, 47-56.	2.7	18
62	DNA barcoding of lichenized fungi demonstrates high identification success in a floristic context. New Phytologist, 2011, 191, 288-300.	7.3	109
63	Early evolution in a hybrid swarm between outcrossing and selfing lineages in Geum. Heredity, 2011, 107, 246-255.	2.6	42
64	Choosing and Using a Plant DNA Barcode. PLoS ONE, 2011, 6, e19254.	2.5	946
65	Seeing the fruit for the trees in Borneo. Conservation Letters, 2011, 4, 184-191.	5.7	31
66	Refining the DNA barcode for land plants. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19451-19452.	7.1	239
67	Significant differences in outcrossing rate, self-incompatibility, and inbreeding depression between two widely hybridizing species of Geum. Biological Journal of the Linnean Society, 2010, 101, 977-990.	1.6	13
68	Stopping the stutter: Improvements in sequence quality from regions with mononucleotide repeats can increase the usefulness of nonâ€“coding regions for DNA barcoding. Taxon, 2010, 59, 694-697.	0.7	11
69	Phylogeny and taxonomy of the bluebell genus Hyacinthoides, Asparagaceae [Hyacinthaceae]. Taxon, 2010, 59, 68-82.	0.7	16
70	The origin of a mega-diverse genus: datingBegonia(Begoniaceae) using alternative datasets, calibrations and relaxed clock methods. Botanical Journal of the Linnean Society, 2009, 159, 363-380.	1.6	33
71	Selection of candidate coding DNA barcoding regions for use on land plants. Botanical Journal of the Linnean Society, 2009, 159, 1-11.	1.6	231
72	A DNA barcode for land plants. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12794-12797.	7.1	2,120

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73	Are native bluebells (Hyacinthoides non-scripta) at risk from alien congenerics? Evidence from distributions and co-occurrence in Scotland. Biological Conservation, 2009, 142, 61-74.	4.1	18
74	Selecting barcoding loci for plants: evaluation of seven candidate loci with speciesâ€level sampling in three divergent groups of land plants. Molecular Ecology Resources, 2009, 9, 439-457.	4.8	344
75	Origins and genetic conservation of tropical trees in agroforestry systems: a case study from the Peruvian Amazon. Conservation Genetics, 2008, 9, 361-372.	1.5	36
76	Genetics, taxonomy and the conservation of British Euphrasia. Conservation Genetics, 2008, 9, 1547-1562.	1.5	22
77	DNA barcoding plants in biodiversity hot spots: Progress and outstanding questions. Heredity, 2008, 101, 1-2.	2.6	62
78	Population genetic divergence corresponds with speciesâ€level biodiversity patterns in the large genus Begonia. Molecular Ecology, 2008, 17, 2643-2651.	3.9	41
79	Cryptic genetic bottlenecks during restoration of an endangered tropical conifer. Biological Conservation, 2008, 141, 1953-1961.	4.1	51
80	Genetic diversity and distinctiveness in Scottish alpine plants. Plant Ecology and Diversity, 2008, 1, 329-338.	2.4	9
81	DNA barcoding: potential users. Genomics Society and Policy, 2007, 3, 1.	0.2	19
82	A proposal for a standardised protocol to barcode all land plants. Taxon, 2007, 56, 295-299.	0.7	457
83	Identifying the early genetic consequences of habitat degradation in a highly threatened tropical conifer, Araucaria nemorosa Laubenfels. Molecular Ecology, 2007, 16, 3581-3591.	3.9	86
84	Development of EST-derived microsatellite markers forArabidopsis lyratasubspeciespetraea(L.). Molecular Ecology Notes, 2007, 7, 631-634.	1.7	5
85	Patterns of clonal diversity in three species of sub-arctic willow (Salix lanata, Salix lapponum and) Tj ETQq1 1 0.784314 rgBT /Overloc	0.9	41
86	Chloroplast DNA phylogeography of the arctic-montane species Saxifraga hirculus (Saxifragaceae). Heredity, 2006, 96, 222-231.	2.6	30
87	Morphological, ecological and genetic evidence for distinguishingAnastrophyllum joergenseniiSchiffn. andA. alpinumSteph. (Jungermanniopsida: Lophoziaceae). Journal of Bryology, 2006, 28, 108-117.	1.2	19
88	SHORT COMMUNICATION: Do farmers reduce genetic diversity when they domesticate tropical trees? A case study from Amazonia. Molecular Ecology, 2005, 14, 497-501.	3.9	70
89	Comparative analysis of population genetic structure in Athyrium distentifolium (Pteridophyta) using AFLPs and SSRs from anonymous and transcribed gene regions. Molecular Ecology, 2005, 14, 1681-1695.	3.9	121
90	The relationship between flower size, inbreeding coefficient and inferred selfing rate in British Euphrasia species. Heredity, 2005, 94, 44-51.	2.6	43

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91	A Phylogeny of <I>Begonia</I> Using Nuclear Ribosomal Sequence Data and Morphological Characters. Systematic Botany, 2005, 30, 671-682.	0.5	45
92	Conserving taxonomic complexity. Trends in Ecology and Evolution, 2005, 20, 164-168.	8.7	113
93	Population genetic structure in European populations of Spiranthes romanzoffiana set in the context of other genetic studies on orchids. Heredity, 2004, 92, 218-227.	2.6	91
94	Neighbour joining trees, dominant markers and population genetic structure. Heredity, 2004, 92, 490-498.	2.6	65
95	Morphological and molecular investigation of the parentage and maternity of Anacamptis Ã— albuferensis (A. fragrans Ã— A. robusta), a new hybrid orchid from Mallorca, Spain. Taxon, 2004, 53, 43-54.	0.7	12
96	A recircumscription of Begonia based on nuclear ribosomal sequences. Plant Systematics and Evolution, 2003, 241, 193-211.	0.9	56
97	How much effort is required to isolate nuclear microsatellites from plants?. Molecular Ecology, 2003, 12, 1339-1348.	3.9	288
98	Development of EST-SSRs from the Alpine Lady-fern, Athyrium distentifolium. Molecular Ecology Notes, 2003, 3, 287-290.	1.7	32
99	Isolation of polymorphic microsatellite markers for British Euphrasia L.. Molecular Ecology Notes, 2003, 3, 626-628.	1.7	5
100	Characterization of nuclear microsatellites in New Caledonian Araucaria species. Molecular Ecology Notes, 2003, 4, 62-63.	1.7	10
101	Molecular phylogenetics and evolution of Orchidinae and selected Habenariinae (Orchidaceae). Botanical Journal of the Linnean Society, 2003, 142, 1-40.	1.6	313
102	Taxonomic complexity, population genetics, and plant conservation in Scotland. Botanical Journal of Scotland, 2003, 55, 55-63.	0.3	12
103	Conservation genetics and phylogenetics of New CaledonianRetrophyllum(Podocarpaceae) species. New Zealand Journal of Botany, 2002, 40, 175-188.	1.1	15
104	Taxonomic complexity and breeding system transitions: conservation genetics of the Epipactis leptochila complex (Orchidaceae). Molecular Ecology, 2002, 11, 1957-1964.	3.9	68
105	Polymorphic microsatellite markers for the Socotran endemic herb Begonia socotrana. Molecular Ecology Notes, 2002, 2, 159-160.	1.7	7
106	Isolation of polymorphic microsatellite markers for Begonia sutherlandii Hook. f.. Molecular Ecology Notes, 2002, 2, 185-186.	1.7	10
107	Rapid Diversification of a Species-Rich Genus of Neotropical Rain Forest Trees. Science, 2001, 293, 2242-2245.	12.6	710
108	Chloroplast microsatellites: new tools for studies in plant ecology and evolution. Trends in Ecology and Evolution, 2001, 16, 142-147.	8.7	587

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109	Partitioning and diversity of nuclear and organelle markers in native and introduced populations of Epipactis helleborine (Orchidaceae). American Journal of Botany, 2001, 88, 1409-1418.	1.7	91
110	Partitioning and diversity of nuclear and organelle markers in native and introduced populations of Epipactis helleborine (Orchidaceae). American Journal of Botany, 2001, 88, 1409-18.	1.7	18
111	Molecular Tools for Screening Biodiversity. Edited by A. Karp, P. G. Isaac and D. S. Ingram.. Edinburgh Journal of Botany, 1999, 56, 157-158.	0.4	0
112	Chloroplast DNA variation and hybridization between invasive populations of Japanese knotweed and giant knotweed (Fallopia, Polygonaceae). Botanical Journal of the Linnean Society, 1999, 129, 139-154.	1.6	27
113	Chloroplast DNA variation and hybridization between invasive populations of Japanese knotweed and giant knotweed (Fallopia, Polygonaceae). Botanical Journal of the Linnean Society, 1999, 129, 139-154.	1.6	4
114	Molecular systematics of plants II: DNA sequencing. (Ed. by DOUGLAS E. SOLTIS, PAMELA S. SOLTIS and) Tj ETQq0 0 0 rgBT /Overlock 10 Academic Publishing. Price h/b: Â¥187.00. ISBN 0 412 11121 7.. New Phytologist, 1999, 143, 457.	7.3	0
115	Conservation genetics of an arctic species, Saxifraga rivularis L., in Britain. Botanical Journal of the Linnean Society, 1998, 128, 1-14.	1.6	10
116	Evidence for spatial structure and directional gene flow in a population of an aquatic plant, Potamogeton coloratus. Heredity, 1998, 80, 414-421.	2.6	56
117	The use of molecular markers to study patterns of genotypic diversity in some invasive alienFallopiaspp. (Polygonaceae). Molecular Ecology, 1998, 7, 1681-1691.	3.9	69
118	Isozyme evidence for the parentage and multiple origins ofPotamogeton ï¿½suecicus (P. pectinatus ï¿½P.) Tj ETQq0 0 0 rgBT /Overlock	0.9	44
119	Genetic variability in two hydrophilous species ofPotamogeton, P. pectinatus andP. filiformis (Potamogetonaceae). Plant Systematics and Evolution, 1996, 202, 233-254.	0.9	38
120	Genetic variability in British populations ofPotamogeton coloratus (Potamogetonaceae). Plant Systematics and Evolution, 1995, 197, 71-85.	0.9	33
121	The early evolution of the mega-diverse genus Begonia (Begoniaceae) inferred from organelle DNA phylogenies. Biological Journal of the Linnean Society, 0, 101, 243-250.	1.6	24