

Marcus A Koch

List of Publications by Year in descending order

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Version: 2024-02-01

193
papers

12,709
citations

26630

56
h-index

30087

103
g-index

201
all docs

201
docs citations

201
times ranked

10137
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Arabis alpina</i> : A perennial model plant for ecological genomics and life-history evolution. <i>Molecular Ecology Resources</i> , 2022, 22, 468-486.	4.8	7
2	Policy mixes for biodiversity: a diffusion analysis of state-level citizens' initiatives in Germany. <i>Journal of Environmental Policy and Planning</i> , 2022, 24, 513-525.	2.8	10
3	Multiple Sclerosis Diagnostic Criteria. <i>Neurology</i> , 2022, 98, 12-13.	1.1	2
4	Living at its dry limits: Tillandsiales in the Atacama Desert. <i>Plant Systematics and Evolution</i> , 2022, 308, 1.	0.9	1
5	Parallel reduction in flowering time from de novo mutations enable evolutionary rescue in colonizing lineages. <i>Nature Communications</i> , 2022, 13, 1461.	12.8	20
6	The new tribe Fourraeeae (Brassicaceae) and two Moroccan <i>Arabis</i> species transferred to the new genus <i>Hurkaea</i> . <i>Phytotaxa</i> , 2022, 543, .	0.3	1
7	Remote sensing based mapping of <i>Tillandsia</i> fields - A semi-automatic detection approach in the hyperarid coastal Atacama Desert, northern Chile. <i>Journal of Arid Environments</i> , 2022, 205, 104821.	2.4	2
8	Buffering effects of soil seed banks on plant community composition in response to land use and climate. <i>Global Ecology and Biogeography</i> , 2021, 30, 128-139.	5.8	41
9	Setting the evolutionary timeline: <i>Tillandsia landbeckii</i> in the Chilean Atacama Desert. <i>Plant Systematics and Evolution</i> , 2021, 307, 1.	0.9	9
10	Glucosinolate profiles and phylogeny in <i>Barbarea</i> compared to other tribe Cardamineae (Brassicaceae) and <i>Reseda</i> (Resedaceae), based on a library of ion trap HPLC-MS/MS data of reference desulfo-glucosinolates. <i>Phytochemistry</i> , 2021, 185, 112658.	2.9	12
11	Comparison of glucosinolate diversity in the crucifer tribe Cardamineae and the remaining order Brassicales highlights repetitive evolutionary loss and gain of biosynthetic steps. <i>Phytochemistry</i> , 2021, 185, 112668.	2.9	18
12	The best of both worlds: Combining lineage-specific and universal bait sets in target-enrichment hybridization reactions. <i>Applications in Plant Sciences</i> , 2021, 9, .	2.1	22
13	Distribution patterns, ecological niche and conservation status of endemic <i>Tillandsia purpurea</i> along the Peruvian coast. <i>Plant Systematics and Evolution</i> , 2021, 307, 1.	0.9	5
14	Soil bacterial community structure of fog-dependent <i>Tillandsia landbeckii</i> dunes in the Atacama Desert. <i>Plant Systematics and Evolution</i> , 2021, 307, 1.	0.9	6
15	Climate and coastal low-cloud dynamic in the hyperarid Atacama fog Desert and the geographic distribution of <i>Tillandsia landbeckii</i> (Bromeliaceae) dune ecosystems. <i>Plant Systematics and Evolution</i> , 2021, 307, 1.	0.9	9
16	Spatial distribution and interannual variability of coastal fog and low clouds cover in the hyperarid Atacama Desert and implications for past and present <i>Tillandsia landbeckii</i> ecosystems. <i>Plant Systematics and Evolution</i> , 2021, 307, 1.	0.9	12
17	Impact of climate change on the success of population support management and plant reintroduction at steep, exposed limestone outcrops in the German Swabian Jura. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2021, 53, 125643.	2.7	1
18	Evolutionary footprints of a cold relic in a rapidly warming world. <i>ELife</i> , 2021, 10, .	6.0	5

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19	Temporal patterns of diversification in Brassicaceae demonstrate decoupling of rate shifts and mesopolyploidization events. <i>Annals of Botany</i> , 2020, 125, 29-47.	2.9	53
20	Population genomics of <i>Tillandsia landbeckii</i> reveals unbalanced genetic diversity and founder effects in the Atacama Desert. <i>Global and Planetary Change</i> , 2020, 184, 103076.	3.5	14
21	Current status of the multinational <i>Arabidopsis</i> community. <i>Plant Direct</i> , 2020, 4, e00248.	1.9	13
22	Successful without sex – the enigmatic biology and evolutionary origin of coralroot bittercress (<i>Cardamine bulbifera</i> , Brassicaceae). <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2020, 46, 125557.	2.7	3
23	The Quaternary evolutionary history of Bristol rock cress (<i>Arabis scabra</i> , Brassicaceae), a Mediterranean element with an outpost in the north-western Atlantic region. <i>Annals of Botany</i> , 2020, 126, 103-118.	2.9	3
24	Nested whole-genome duplications coincide with diversification and high morphological disparity in Brassicaceae. <i>Nature Communications</i> , 2020, 11, 3795.	12.8	72
25	Vegetation growth and landscape genetics of <i>Tillandsia</i> lomas at their dry limits in the Atacama Desert show fine-scale response to environmental parameters. <i>Ecology and Evolution</i> , 2020, 10, 13260-13274.	1.9	13
26	The low-copy nuclear gene <i>Agt1</i> as a novel DNA barcoding marker for Bromeliaceae. <i>BMC Plant Biology</i> , 2020, 20, 111.	3.6	5
27	Genome Evolution in Arabideae Was Marked by Frequent Centromere Repositioning. <i>Plant Cell</i> , 2020, 32, 650-665.	6.6	32
28	Exploring molecular evolution of Rubisco in C3 and CAM Orchidaceae and Bromeliaceae. <i>BMC Evolutionary Biology</i> , 2020, 20, 11.	3.2	16
29	A New Variety of <i>Dianthus anatolicus</i> (Caryophyllaceae) from Turkey as Evidenced by Morphology and AFLP Data. <i>Annales Botanici Fennici</i> , 2020, 58, .	0.1	0
30	The plant model system <i>Arabidopsis</i> set into an evolutionary, systematic and spatio-temporal context. <i>Journal of Experimental Botany</i> , 2019, 70, 55-67.	4.8	15
31	Interspecies association mapping links reduced CG to TG substitution rates to the loss of gene-body methylation. <i>Nature Plants</i> , 2019, 5, 846-855.	9.3	48
32	Island biogeography of the Macaronesian <i>Gesnouinia</i> and Mediterranean <i>Soleirolia</i> (Parietarieae.) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 2</i>	0.7	8
33	Living at the dry limits: ecological genetics of <i>Tillandsia landbeckii</i> lomas in the Chilean Atacama Desert. <i>Plant Systematics and Evolution</i> , 2019, 305, 1041-1053.	0.9	22
34	Self-organizing researcher networks in the plant sciences. <i>Plants People Planet</i> , 2019, 1, 44-47.	3.3	2
35	Discovery of key regulators of dark gland development and hypericin biosynthesis in St. John's Wort (<i>Hypericum perforatum</i>). <i>Plant Biotechnology Journal</i> , 2019, 17, 2299-2312.	8.3	27
36	One thousand plant transcriptomes and the phylogenomics of green plants. <i>Nature</i> , 2019, 574, 679-685.	27.8	1,162

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37	Zahora, a new monotypic genus from tribe Brassiceae (Brassicaceae) endemic to the Moroccan Sahara. <i>PhytoKeys</i> , 2019, 135, 119-131.	1.0	5
38	Brassicales phylogeny inferred from 72 plastid genes: A reanalysis of the phylogenetic localization of two paleopolyploid events and origin of novel chemical defenses. <i>American Journal of Botany</i> , 2018, 105, 463-469.	1.7	76
39	<i>Ginkgo biloba</i> 's footprint of dynamic Pleistocene history dates back only 390,000 years ago. <i>BMC Genomics</i> , 2018, 19, 299.	2.8	35
40	Intracontinental plant invader shows matching genetic and chemical profiles and might benefit from high defence variation within populations. <i>Journal of Ecology</i> , 2018, 106, 714-726.	4.0	25
41	Database Taxonomics as Key to Modern Plant Biology. <i>Trends in Plant Science</i> , 2018, 23, 4-6.	8.8	54
42	The genomic basis of adaptation to calcareous and siliceous soils in <i>Arabidopsis lyrata</i> . <i>Molecular Ecology</i> , 2018, 27, 5088-5103.	3.9	20
43	Restriction associated DNA-genotyping at multiple spatial scales in <i>Arabidopsis lyrata</i> reveals signatures of pathogen-mediated selection. <i>BMC Genomics</i> , 2018, 19, 496.	2.8	12
44	Adding Complexity to Complexity: Gene Family Evolution in Polyploids. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	2.2	13
45	Plastome phylogeny and early diversification of Brassicaceae. <i>BMC Genomics</i> , 2017, 18, 176.	2.8	137
46	Improving and correcting the contiguity of long-read genome assemblies of three plant species using optical mapping and chromosome conformation capture data. <i>Genome Research</i> , 2017, 27, 778-786.	5.5	155
47	Divergence of annual and perennial species in the Brassicaceae and the contribution of cis-acting variation at <i>FLC</i> orthologues. <i>Molecular Ecology</i> , 2017, 26, 3437-3457.	3.9	63
48	East Asian <i>Arabis</i> species (Brassicaceae) exemplify past hybridization and subsequent emergence of three main evolutionary lineages in East Asia, America and the amphi-Beringian region. <i>Botanical Journal of the Linnean Society</i> , 2017, 184, 224-237.	1.6	6
49	<i>Aubrieta alshehbazii</i> (Brassicaceae), a new species from Central Turkey. <i>Phytotaxa</i> , 2017, 299, 103.	0.3	3
50	Underexplored biodiversity of Eastern Mediterranean biota: systematics and evolutionary history of the genus <i>Aubrieta</i> (Brassicaceae). <i>Annals of Botany</i> , 2017, 119, 39-57.	2.9	25
51	Phylogenetics, phylogeography and vicariance of polyphyletic <i>Grammosciadium</i> (Apiaceae: Careae) in Anatolia. <i>Botanical Journal of the Linnean Society</i> , 2017, 185, 168-188.	1.6	13
52	Design and validation of sixteen single nucleotide polymorphism to investigate plastid DNA sequence variation in <i>Nocca caerulescens</i> (Brassicaceae). <i>Conservation Genetics Resources</i> , 2017, 9, 67-71.	0.8	1
53	Early-Mid Pleistocene genetic differentiation and range expansions as exemplified by invasive Eurasian <i>Bunias orientalis</i> (Brassicaceae) indicates the Caucasus as key region. <i>Scientific Reports</i> , 2017, 7, 16764.	3.3	14
54	Cryptic gene pools in the <i>Hypericum perforatum</i> - <i>H. maculatum</i> complex: diploid persistence versus trapped polyploid melting. <i>Annals of Botany</i> , 2017, 120, 955-966.	2.9	7

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55	An <i>Arabidopsis</i> introgression zone studied at high spatio-temporal resolution: interglacial and multiple genetic contact exemplified using whole nuclear and plastid genomes. <i>BMC Genomics</i> , 2017, 18, 810.	2.8	37
56	Molecular Resources from Transcriptomes in the Brassicaceae Family. <i>Frontiers in Plant Science</i> , 2017, 8, 1488.	3.6	11
57	<i>Eutrema salsugineum</i> (Cruciferae) new to Mexico: a surprising generic record for the flora of Middle America. <i>PhytoKeys</i> , 2017, 76, 13-21.	1.0	4
58	Epithelial-mesenchymal transition of the retinal pigment epithelium causes choriocapillaris atrophy. <i>Histochemistry and Cell Biology</i> , 2016, 146, 769-780.	1.7	27
59	Diversity hotspots of the laurel forest on Tenerife, Canary Islands: a phylogeographic study of <i>Laurus</i> and <i>Ixanthus</i> . <i>Annals of Botany</i> , 2016, 118, 495-510.	2.9	4
60	Turnip Time Travels: Age Estimates in Brassicaceae. <i>Trends in Plant Science</i> , 2016, 21, 554-561.	8.8	36
61	Incongruent range dynamics between co-occurring Asian temperate tree species facilitated by life history traits. <i>Ecology and Evolution</i> , 2016, 6, 2346-2358.	1.9	10
62	Which changes are needed to render all genera of the German flora monophyletic?. <i>Willdenowia</i> , 2016, 46, 39-91.	0.8	19
63	Sequencing of the genus <i>Arabidopsis</i> identifies a complex history of nonbifurcating speciation and abundant trans-specific polymorphism. <i>Nature Genetics</i> , 2016, 48, 1077-1082.	21.4	198
64	Glucosinolate diversity within a phylogenetic framework of the tribe Cardamineae (Brassicaceae) unraveled with HPLC-MS/MS and NMR-based analytical distinction of 70 desulfoglucosinolates. <i>Phytochemistry</i> , 2016, 132, 33-56.	2.9	68
65	Morphological and genetic variation of highly endangered <i>Bromus</i> species and the status of these Neolithic weeds in Central Europe. <i>Plant Systematics and Evolution</i> , 2016, 302, 515-525.	0.9	13
66	From glacial refugia to wide distribution range: demographic expansion of <i>Loropetalum chinense</i> (Hamamelidaceae) in Chinese subtropical evergreen broadleaved forest. <i>Organisms Diversity and Evolution</i> , 2016, 16, 23-38.	1.6	23
67	Resolution of Brassicaceae Phylogeny Using Nuclear Genes Uncovers Nested Radiations and Supports Convergent Morphological Evolution. <i>Molecular Biology and Evolution</i> , 2016, 33, 394-412.	8.9	259
68	Taxonomic implications from morphological and anatomical studies in the section <i>Stenodiptera</i> from the genus <i>Grammosciadium</i> (Apiaceae). <i>PhytoKeys</i> , 2016, 68, 73-89.	1.0	7
69	Exogenous selection rather than cytonuclear incompatibilities shapes asymmetrical fitness of reciprocal <i>Arabidopsis</i> hybrids. <i>Ecology and Evolution</i> , 2015, 5, 1734-1745.	1.9	27
70	A new subspecies of <i>Grammosciadium macrodon</i> Boiss. (Apiaceae) from Turkey. <i>Phytotaxa</i> , 2015, 224, 267.	0.3	8
71	Mining microsatellite markers from public expressed sequence tags databases for the study of threatened plants. <i>BMC Genomics</i> , 2015, 16, 781.	2.8	20
72	Some notes on original material and locus classicus of <i>Deuterocohnia meziana</i> Kuntze ex Mex var. <i>carmineo-viridiflora</i> Rauh (Bromeliaceae). <i>Plant Diversity and Evolution</i> , 2015, 131, 223-237.	1.1	2

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73	Hybrid apomicts trapped in the ecological niches of their sexual ancestors. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2357-65.	7.1	54
74	A Time-Calibrated Road Map of Brassicaceae Species Radiation and Evolutionary History. Plant Cell, 2015, 27, tpc.15.00482.	6.6	200
75	A new chromosome was born: comparative chromosome painting in <i>Boechera</i> . Trends in Plant Science, 2015, 20, 533-535.	8.8	9
76	Proof of a knowledge database concept. <i>Aubrieta ekimii</i> (Brassicaceae), a new species from NW Anatolia (Turkey): morphological and molecular support. Plant Systematics and Evolution, 2015, 301, 2043-2055.	0.9	3
77	Biogeography of Mediterranean Hotspot Biodiversity: Re-Evaluating the 'Tertiary Relict' Hypothesis of Macaronesian Laurel Forests. PLoS ONE, 2015, 10, e0132091.	2.5	71
78	Secondary Structure Analyses of the Nuclear rRNA Internal Transcribed Spacers and Assessment of Its Phylogenetic Utility across the Brassicaceae (Mustards). PLoS ONE, 2014, 9, e101341.	2.5	24
79	BrassiBase: Introduction to a Novel Knowledge Database on Brassicaceae Evolution. Plant and Cell Physiology, 2014, 55, e3-e3.	3.1	117
80	Taming the wild: resolving the gene pools of non-model Arabidopsis lineages. BMC Evolutionary Biology, 2014, 14, 224.	3.2	61
81	Biogeographic variation in genetic variability, apomixis expression and ploidy of <i>St. John's wort</i> (<i>Hypericum perforatum</i>) across its native and introduced range. Annals of Botany, 2014, 113, 417-427.	2.9	33
82	Phylogenetic signatures of adaptation: The <i>Arabis hirsuta</i> species aggregate (Brassicaceae) revisited. Perspectives in Plant Ecology, Evolution and Systematics, 2014, 16, 247-264.	2.7	14
83	Understanding the formation of Mediterranean-African-Asian disjunctions: evidence for Miocene climate-driven vicariance and recent long-distance dispersal in the Tertiary relict <i>Smilax aspera</i> (<i>Smilacaceae</i>). New Phytologist, 2014, 204, 243-255.	7.3	47
84	Heterozygote <i>Wdr36</i> -deficient mice do not develop glaucoma. Experimental Eye Research, 2014, 128, 83-91.	2.6	12
85	VAL- and AtBM11-Mediated H2Aub Initiate the Switch from Embryonic to Postgerminative Growth in Arabidopsis. Current Biology, 2013, 23, 1324-1329.	3.9	172
86	On the origin and evolution of apomixis in <i>Boechera</i> . Plant Reproduction, 2013, 26, 309-315.	2.2	56
87	A treasure trove of plant biodiversity from the 20th century: the Werner Rauh Heritage Project at Heidelberg Botanical Garden and Herbarium. Plant Systematics and Evolution, 2013, 299, 1793-1800.	0.9	9
88	Species richness of the globally distributed, arctic-alpine genus <i>Draba</i> L. (Brassicaceae). Alpine Botany, 2013, 123, 97-106.	2.4	26
89	Evolution of cryptic gene pools in <i>Hypericum perforatum</i> : the influence of reproductive system and gene flow. Annals of Botany, 2013, 111, 1083-1094.	2.9	25
90	Taxonomy and systematics are key to biological information: <i>Arabidopsis</i> , <i>Eutrema</i> (<i>Thellungiella</i>), <i>Noccaea</i> and <i>Schrenkiella</i> (Brassicaceae) as examples. Frontiers in Plant Science, 2013, 4, 267.	3.6	78

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91	A world-wide perspective on crucifer speciation and evolution: phylogenetics, biogeography and trait evolution in tribe Arabideae. <i>Annals of Botany</i> , 2013, 112, 983-1001.	2.9	79
92	Systematics and evolution of arctic-alpine <i>Arabis alpina</i> (Brassicaceae) and its closest relatives in the eastern Mediterranean. <i>American Journal of Botany</i> , 2012, 99, 778-794.	1.7	38
93	Regulation of the New Arabidopsis Imprinted Gene AtBMI1C Requires the Interplay of Different Epigenetic Mechanisms. <i>Molecular Plant</i> , 2012, 5, 260-269.	8.3	49
94	Mid-Miocene divergence of <i>Ionopsidium</i> and <i>Cochlearia</i> and its impact on the systematics and biogeography of the tribe Cochlearieae (Brassicaceae). <i>Taxon</i> , 2012, 61, 76-92.	0.7	35
95	<i>BrassiBase</i> : Tools and biological resources to study characters and traits in the Brassicaceae—version 1.1. <i>Taxon</i> , 2012, 61, 1001-1009.	0.7	70
96	Phylogeny and systematics of Brassicaceae—Introduction. <i>Taxon</i> , 2012, 61, 929-930.	0.7	7
97	Systematics, taxonomy and biogeography of three new Asian genera of Brassicaceae tribe Arabideae: An ancient distribution circle around the Asian high mountains. <i>Taxon</i> , 2012, 61, 955-969.	0.7	25
98	A Continental-Wide Perspective: The Genepool of Nuclear Encoded Ribosomal DNA and Single-Copy Gene Sequences in North American <i>Boechera</i> (Brassicaceae). <i>PLoS ONE</i> , 2012, 7, e426491.	2.5	23
99	The Evolutionary History of the <i>Arabidopsis arenosa</i> Complex: Diverse Tetraploids Mask the Western Carpathian Center of Species and Genetic Diversity. <i>PLoS ONE</i> , 2012, 7, e42691.	2.5	56
100	The importance of Anatolian mountains as the cradle of global diversity in <i>Arabis alpina</i> , a key arctic-alpine species. <i>Annals of Botany</i> , 2011, 108, 241-252.	2.9	90
101	Long-term monitoring of the restoration and development of limestone grasslands in north western Germany: Vegetation screening and soil seed bank analysis. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2011, 206, 52-65.	1.2	18
102	Cabbage family affairs: the evolutionary history of Brassicaceae. <i>Trends in Plant Science</i> , 2011, 16, 108-116.	8.8	341
103	Nomenclatural adjustments in the tribe Arabideae (Brassicaceae). <i>Plant Diversity and Evolution</i> , 2011, 129, 71-76.	1.1	16
104	Interspecific and interploidal gene flow in Central European <i>Arabidopsis</i> (Brassicaceae). <i>BMC Evolutionary Biology</i> , 2011, 11, 346.	3.2	71
105	High gene flow in epiphytic ferns despite habitat loss and fragmentation. <i>Conservation Genetics</i> , 2011, 12, 1411-1420.	1.5	14
106	<i>Arabidopsis</i> hybrid speciation processes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 14192-14197.	7.1	85
107	Linear landscape elements in an Austrian viticultural landscape have limited effects on spatial patterns of plant genetic diversity. <i>Plant Ecology and Diversity</i> , 2011, 4, 167-178.	2.4	0
108	Phylogeny, Genome, and Karyotype Evolution of Crucifers (Brassicaceae)., 2011, , 1-31.		31

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109	Closing the gaps: phylogenetic relationships in the Brassicaceae based on DNA sequence data of nuclear ribosomal ITS region. <i>Plant Systematics and Evolution</i> , 2010, 285, 209-232.	0.9	169
110	Spatial arrangement and genetic structure in <i>Gentianella aspera</i> in a regional, local, and temporal context. <i>Plant Systematics and Evolution</i> , 2010, 286, 7-19.	0.9	5
111	The evolutionary history of the <i>Arabidopsis lyrata</i> complex: a hybrid in the amphi-Beringian area closes a large distribution gap and builds up a genetic barrier. <i>BMC Evolutionary Biology</i> , 2010, 10, 98.	3.2	104
112	Keeping Cell Identity in <i>Arabidopsis</i> Requires PRC1 RING-Finger Homologs that Catalyze H2A Monoubiquitination. <i>Current Biology</i> , 2010, 20, 1853-1859.	3.9	252
113	Molecular phylogeny and systematics of the genus <i>Draba</i> (Brassicaceae) and identification of its most closely related genera. <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 524-540.	2.7	60
114	Out of China: Distribution history of <i>Ginkgo biloba</i> L.. <i>Taxon</i> , 2010, 59, 495-504.	0.7	33
115	Colonizing the American continent: Systematics of the genus <i>Arabis</i> in North America (Brassicaceae). <i>American Journal of Botany</i> , 2010, 97, 1040-1057.	1.7	35
116	Molecular Phylogenetics, Temporal Diversification, and Principles of Evolution in the Mustard Family (Brassicaceae). <i>Molecular Biology and Evolution</i> , 2010, 27, 55-71.	8.9	306
117	Molecular phylogeny of the genus <i>Vitis</i> (Vitaceae) based on plastid markers. <i>American Journal of Botany</i> , 2010, 97, 1168-1178.	1.7	69
118	Studying Adaptive Radiation at the Molecular Level: A Case Study in the Macaronesian Crassulaceae-Sempervivoideae. , 2010, , 35-59.		2
119	<i>Boechera</i> or not? Phylogeny and phylogeography of eastern North American <i>Boechera</i> species (Brassicaceae). <i>Taxon</i> , 2009, 58, 1109-1121.	0.7	16
120	Positive selection and ancient duplications in the evolution of class B floral homeotic genes of orchids and grasses. <i>BMC Evolutionary Biology</i> , 2009, 9, 81.	3.2	43
121	Evolution of trnF(GAA) pseudogenes in cruciferous plants. <i>Plant Systematics and Evolution</i> , 2009, 282, 229-240.	0.9	20
122	Non-coding nuclear DNA markers in phylogenetic reconstruction. <i>Plant Systematics and Evolution</i> , 2009, 282, 257-280.	0.9	80
123	Molecular evolution and phylogenetic utility of non-coding DNA: applications from species to deep level questions. <i>Plant Systematics and Evolution</i> , 2009, 282, 107-108.	0.9	5
124	Phylogeographic structure of the chloroplast DNA gene pool in North American <i>Boechera</i> – A genus and continental-wide perspective. <i>Molecular Phylogenetics and Evolution</i> , 2009, 52, 303-311.	2.7	55
125	Little interspecific pollen transfer despite overlap in pollinators between sympatric <i>Aeonium</i> (Crassulaceae) species pairs. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2009, 204, 709-717.	1.2	9
126	<i>Molecular Systematics and Evolution</i> . , 2009, , 1-18.		32

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127	Phylogeography of a living fossil: Pleistocene glaciations forced <i>Ginkgo biloba</i> L. (Ginkgoaceae) into two refuge areas in China with limited subsequent postglacial expansion. <i>Molecular Phylogenetics and Evolution</i> , 2008, 48, 1094-1105.	2.7	159
128	Hotspots of diversity in a clonal world – the Mediterranean moss <i>Pleurochaete squarrosa</i> in Central Europe. <i>Molecular Ecology</i> , 2008, 17, 825-838.	3.9	25
129	Comparison of two methods characterising the seed bank of amphibious plants in submerged sediments. <i>Aquatic Botany</i> , 2008, 88, 171-177.	1.6	32
130	The Dynamic Ups and Downs of Genome Size Evolution in Brassicaceae. <i>Molecular Biology and Evolution</i> , 2008, 26, 85-98.	8.9	158
131	Species richness and polyploid patterns in the genus <i>Draba</i> (Brassicaceae): a first global perspective. <i>Plant Ecology and Diversity</i> , 2008, 1, 255-263.	2.4	40
132	Phylogeographic implications for the North American boreal-arctic <i>Arabidopsis lyrata</i> complex. <i>Plant Ecology and Diversity</i> , 2008, 1, 245-254.	2.4	18
133	Applied Vulnerability Assessment of Useful Plants: A case study of Tibetan Medicinal Plants from Nepal. <i>Botanische Jahrbücher für Systematik, Pflanzengeschichte Und Pflanzengeographie</i> , 2008, 127, 359-387.	0.4	6
134	<i>Arabidopsis thaliana</i> 's wild relatives: an updated overview on systematics, taxonomy and evolution. <i>Taxon</i> , 2008, 57, 933.	0.7	59
135	Evolution and genetic differentiation among relatives of <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6272-6277.	7.1	109
136	Towards understanding the dynamics of hybridization and apomixis in the evolution of the genus <i>Boechera</i> (Brassicaceae). <i>Systematics and Biodiversity</i> , 2007, 5, 321-331.	1.2	19
137	Supernetwork Identifies Multiple Events of Plastid trnF(GAA) Pseudogene Evolution in the Brassicaceae. <i>Molecular Biology and Evolution</i> , 2007, 24, 63-73.	8.9	124
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