Martin RÃ¶ser

List of Publications by Year
in descending order

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40	992	430874	477307
papers	citations	18 h-index	29 g-index

44	44	44	861
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Role of Hybridisation in the Making of the Species-Rich Arctic-Alpine Genus Saxifraga (Saxifragaceae). Diversity, 2020, 12, 440.	1.7	18
2	Recovery of the type specimen of Avena breviaristata , an endemic Algerian grass species collected only once (1882): Morphology, taxonomy and botanical history. Taxon, 2020, 69, 142-152.	0.7	4
3	Phylogenetic lineages and the role of hybridization as driving force of evolution in grass supertribe Poodae. Taxon, 2020, 69, 234-277.	0.7	31
4	Dysploidy and polyploidy trigger strong variation of chromosome numbers in the prayer-plant family (Marantaceae). Plant Systematics and Evolution, 2020, 306, 1.	0.9	18
5	Molecular Phylogenetics and Micromorphology of Australasian Stipeae (Poaceae, Subfamily Pooideae), and the Interrelation of Whole-Genome Duplication and Evolutionary Radiations in This Grass Tribe. Frontiers in Plant Science, 2020, 11, 630788.	3.6	5
6	Contrasting evolutionary origins of two mountain endemics: Saxifraga wahlenbergii (Western) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	3.2	15
7	Glacial refugia and speciation in a group of wind-pollinated and -dispersed, endemic Alpine species of Helictotrichon (Poaceae). PLoS ONE, 2018, 13, e0205354.	2.5	1
8	Nuclear genes, matK and the phylogeny of the Poales. Taxon, 2018, 67, 521-536.	0.7	20
9	Karyotype evolution in Phalaris (Poaceae): The role of reductional dysploidy, polyploidy and chromosome alteration in a wide-spread and diverse genus. PLoS ONE, 2018, 13, e0192869.	2.5	21
10	Hybridization and long-distance colonization in oat-like grasses of South and East Asia, including an amended circumscription of Helictotrichon and the description of the new genus Tzveleviochloa (Poaceae). Taxon, 2017, 66, 20-43.	0.7	23
11	Which changes are needed to render all genera of the German flora monophyletic?. Willdenowia, 2016, 46, 39-91.	0.8	19
12	Genome evolution in alpine oat-like grasses through homoploid hybridization and polyploidy. AoB PLANTS, 2016, 8, .	2.3	5
13	Genome evolution in a Mediterranean species complex: phylogeny and cytogenetics ofHelictotrichon(Poaceae) allopolyploids based on nuclear DNA sequences (rDNA,) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf	3.2	15
14	Karyosystematics of the Australasian stipoid grass Austrostipa and related genera: chromosome sizes, ploidy, chromosome base numbers and phylogeny. Australian Systematic Botany, 2015, 28, 145.	0.9	11
15	Molecular phylogenetics, morphology and a revised classification of the complex genus Saxifraga (Saxifragaceae). Taxon, 2015, 64, 1159-1187.	0.7	54
16	Mitosis and Interphase of the Highly Polyploid Palm Voanioalagerardii (2n = 606 Â± 3). Cytogenetic and Genome Research, 2015, 147, 70-79.	1.1	3
17	Molecular phylogenetics, character evolution and systematics of the genusMicranthes(Saxifragaceae). Botanical Journal of the Linnean Society, 2015, 178, 47-66.	1.6	33
18	A multi-locus analysis of phylogenetic relationships within grass subfamily Pooideae (Poaceae) inferred from sequences of nuclear single copy gene regions compared with plastid DNA. Molecular Phylogenetics and Evolution, 2015, 87, 14-27.	2.7	32

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19	Polyploid evolution, intercontinental biogeographical relationships and morphology of the recently described African oat genus Trisetopsis (Poaceae). Taxon, 2014, 63, 773-788.	0.7	21
20	High mountain origin, phylogenetics, evolution, and niche conservatism of arctic lineages in the hemiparasitic genus Pedicularis (Orobanchaceae). Molecular Phylogenetics and Evolution, 2014, 76, 75-92.	2.7	39
21	Phylogenetic relationships in the grass family (Poaceae) based on the nuclear single copy locus topoisomerase 6 compared with chloroplast DNA. Systematics and Biodiversity, 2014, 12, 111-124.	1.2	17
22	Rapid and Recent World-Wide Diversification of Bluegrasses (Poa, Poaceae) and Related Genera. PLoS ONE, 2013, 8, e60061.	2.5	28
23	Origin of Highly Polyploid Species: Different Pathways of Auto- and Allopolyploidy in 12â€“18x Species ofAvenula(Poaceae). International Journal of Plant Sciences, 2012, 173, 399-411.	1.3	14
24	Polyphyly of the grass tribe Hainardieae (Poaceae: Pooideae): identification of its different lineages based on molecular phylogenetics, including morphological and cytogenetic characteristics. Organisms Diversity and Evolution, 2012, 12, 113-132.	1.6	26
25	Stipa (Poaceae) and allies in the Old World: molecular phylogenetics realigns genus circumscription and gives evidence on the origin of American and Australian lineages. Plant Systematics and Evolution, 2012, 298, 351-367.	0.9	51
26	Abscission of leaf laminas â€“ An unnoticed factor in tussock grass formation. Flora: Morphology, Distribution, Functional Ecology of Plants, 2011, 206, 32-37.	1.2	3
27	Genome composition and origin of the polyploid Aegean grass Avenula agropyroides (Poaceae). Journal of Biogeography, 2011, 38, 727-741.	3.0	5
28	Duthieeae, a new tribe of grasses (Poaceae) identified among the early diverging lineages of subfamily Pooideae: molecular phylogenetics, morphological delineation, cytogenetics and biogeography. Systematics and Biodiversity, 2011, 9, 27-44.	1.2	34
29	A molecular phylogeny reveals frequent changes of growth form in Carlina (Asteraceae). Taxon, 2010, 59, 367-378.	0.7	15
30	Sources of the Arctic Flora: Origins of Arctic Species inRanunculusand Related Genera. International Journal of Plant Sciences, 2010, 171, 90-106.	1.3	39
31	Phylogenetic structure of the grass subfamily Pooideae based on comparison of plastid matK geneâ€“3â€²trnK exon and nuclear ITS sequences. Taxon, 2009, 58, 405-424.	0.7	76
32	Taxon recruitment of the arctic flora: an analysis of phylogenies. New Phytologist, 2009, 182, 774-780.	7.3	16
33	Chromosome evolution in wild oat grasses (Aveneae) revealed by molecular phylogeny. Genome, 2009, 52, 361-380.	2.0	20
34	Allopolyploid origin of Mediterranean species inHelictotrichon(Poaceae) and its consequences for karyotype repatterning and homogenisation of rDNA repeat units. Systematics and Biodiversity, 2009, 7, 277-295.	1.2	27
35	Range size variation and diversity distribution in the vascular plant flora of the Eurasian Arctic. Organisms Diversity and Evolution, 2008, 8, 251-266.	1.6	12
36	Temporal patterns of evolution in the Arctic explored inArtemisiaL. (Asteraceae) lineages of different age. Plant Ecology and Diversity, 2008, 1, 161-169.	2.4	33

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37	Disposition of ribosomal DNAs in the chromosomes of perennial oats (Poaceae: Aveneae). Botanical Journal of the Linnean Society, 2007, 155, 193-210.	1.6	38
38	PARALLEL EVOLUTIONARY PATTERNS IN MULTIPLE LINEAGES OF ARCTIC ARTEMISIA L. (ASTERACEAE). Evolution; International Journal of Organic Evolution, 2007, 62, 071101082849002-???.	2.3	56
39	Molecular Diversity and Physical Mapping of 5S rDNA in Wild and Cultivated Oat Grasses (Poaceae:) Tj ETQq1 1 0.784314 rgBT /Overlo	2.7	63
40	Ecogeography of the grass genusHelictotrichon (Poaceae: Aveneae) in the Mediterranean and adjacent regions. Plant Systematics and Evolution, 1996, 203, 181-281.	0.9	23