

# Martin RÄjser

## List of Publications by Year in descending order

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40  
papers

992  
citations

430874

18  
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477307

29  
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44  
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44  
docs citations

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times ranked

861  
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#	ARTICLE	IF	CITATIONS
1	Phylogenetic structure of the grass subfamily Pooideae based on comparison of plastid <i>matK</i> gene's <i>trnK</i> exon and nuclear ITS sequences. <i>Taxon</i> , 2009, 58, 405-424.	0.7	76
2	Molecular Diversity and Physical Mapping of 5S rDNA in Wild and Cultivated Oat Grasses (Poaceae: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.7	63
3	PARALLEL EVOLUTIONARY PATTERNS IN MULTIPLE LINEAGES OF ARCTIC ARTEMISIA L. (ASTERACEAE). Evolution; International Journal of Organic Evolution, 2007, 62, 071101082849002-???	2.3	56
4	Molecular phylogenetics, morphology and a revised classification of the complex genus <i>Saxifraga</i> (Saxifragaceae). <i>Taxon</i> , 2015, 64, 1159-1187.	0.7	54
5	<i>Stipa</i> (Poaceae) and allies in the Old World: molecular phylogenetics realigns genus circumscription and gives evidence on the origin of American and Australian lineages. <i>Plant Systematics and Evolution</i> , 2012, 298, 351-367.	0.9	51
6	Sources of the Arctic Flora: Origins of Arctic Species in <i>Ranunculus</i> and Related Genera. <i>International Journal of Plant Sciences</i> , 2010, 171, 90-106.	1.3	39
7	High mountain origin, phylogenetics, evolution, and niche conservatism of arctic lineages in the hemiparasitic genus <i>Pedicularis</i> (Orobanchaceae). <i>Molecular Phylogenetics and Evolution</i> , 2014, 76, 75-92.	2.7	39
8	Disposition of ribosomal DNAs in the chromosomes of perennial oats (Poaceae: Aveneae). <i>Botanical Journal of the Linnean Society</i> , 2007, 155, 193-210.	1.6	38
9	Duthieae, a new tribe of grasses (Poaceae) identified among the early diverging lineages of subfamily Pooideae: molecular phylogenetics, morphological delineation, cytogenetics and biogeography. <i>Systematics and Biodiversity</i> , 2011, 9, 27-44.	1.2	34
10	Temporal patterns of evolution in the Arctic explored in <i>Artemisia</i> L. (Asteraceae) lineages of different age. <i>Plant Ecology and Diversity</i> , 2008, 1, 161-169.	2.4	33
11	Molecular phylogenetics, character evolution and systematics of the genus <i>Micranthes</i> (Saxifragaceae). <i>Botanical Journal of the Linnean Society</i> , 2015, 178, 47-66.	1.6	33
12	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. <i>Molecular Phylogenetics and Evolution</i> , 2015, 87, 14-27.	2.7	32
13	Phylogenetic lineages and the role of hybridization as driving force of evolution in grass supertribe Poodae. <i>Taxon</i> , 2020, 69, 234-277.	0.7	31
14	Rapid and Recent World-Wide Diversification of Bluegrasses ( <i>Poa</i> , Poaceae) and Related Genera. <i>PLoS ONE</i> , 2013, 8, e60061.	2.5	28
15	Allopolyploid origin of Mediterranean species in <i>Helictotrichon</i> (Poaceae) and its consequences for karyotype repatterning and homogenisation of rDNA repeat units. <i>Systematics and Biodiversity</i> , 2009, 7, 277-295.	1.2	27
16	Polyphyly of the grass tribe Hainardieae (Poaceae: Pooideae): identification of its different lineages based on molecular phylogenetics, including morphological and cytogenetic characteristics. <i>Organisms Diversity and Evolution</i> , 2012, 12, 113-132.	1.6	26
17	Ecogeography of the grass genus <i>Helictotrichon</i> (Poaceae: Aveneae) in the Mediterranean and adjacent regions. <i>Plant Systematics and Evolution</i> , 1996, 203, 181-281.	0.9	23
18	Hybridization and long-distance colonization in oat-like grasses of South and East Asia, including an amended circumscription of <i>Helictotrichon</i> and the description of the new genus <i>Tzveleviochloa</i> (Poaceae). <i>Taxon</i> , 2017, 66, 20-43.	0.7	23

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19	Polyploid evolution, intercontinental biogeographical relationships and morphology of the recently described African oat genus <i>Trisetopsis</i> (Poaceae). <i>Taxon</i> , 2014, 63, 773-788.	0.7	21
20	Karyotype evolution in <i>Phalaris</i> (Poaceae): The role of reductional dysploidy, polyploidy and chromosome alteration in a wide-spread and diverse genus. <i>PLoS ONE</i> , 2018, 13, e0192869.	2.5	21
21	Chromosome evolution in wild oat grasses (Aveneae) revealed by molecular phylogeny. <i>Genome</i> , 2009, 52, 361-380.	2.0	20
22	Nuclear genes, <i>matK</i> and the phylogeny of the Poales. <i>Taxon</i> , 2018, 67, 521-536.	0.7	20
23	Genome evolution in a Mediterranean species complex: phylogeny and cytogenetics of <i>Helictotrichon</i> (Poaceae) allopolyploids based on nuclear DNA sequences (rDNA). <i>Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50</i>		
24	Which changes are needed to render all genera of the German flora monophyletic?. <i>Willdenowia</i> , 2016, 46, 39-91.	0.8	19
25	The Role of Hybridisation in the Making of the Species-Rich Arctic-Alpine Genus <i>Saxifraga</i> (Saxifragaceae). <i>Diversity</i> , 2020, 12, 440.	1.7	18
26	Dysploidy and polyploidy trigger strong variation of chromosome numbers in the prayer-plant family (Marantaceae). <i>Plant Systematics and Evolution</i> , 2020, 306, 1.	0.9	18
27	Phylogenetic relationships in the grass family (Poaceae) based on the nuclear single copy locus topoisomerase 6 compared with chloroplast DNA. <i>Systematics and Biodiversity</i> , 2014, 12, 111-124.	1.2	17
28	Taxon recruitment of the arctic flora: an analysis of phylogenies. <i>New Phytologist</i> , 2009, 182, 774-780.	7.3	16
29	A molecular phylogeny reveals frequent changes of growth form in <i>Carlina</i> (Asteraceae). <i>Taxon</i> , 2010, 59, 367-378.	0.7	15
30	Contrasting evolutionary origins of two mountain endemics: <i>Saxifraga wahlenbergii</i> (Western) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302</i>	3.2	15
31	Origin of Highly Polyploid Species: Different Pathways of Auto- and Allopolyploidy in 12-18x Species of <i>Avenula</i> (Poaceae). <i>International Journal of Plant Sciences</i> , 2012, 173, 399-411.	1.3	14
32	Range size variation and diversity distribution in the vascular plant flora of the Eurasian Arctic. <i>Organisms Diversity and Evolution</i> , 2008, 8, 251-266.	1.6	12
33	Karyosystematics of the Australasian stipoid grass <i>Austrostipa</i> and related genera: chromosome sizes, ploidy, chromosome base numbers and phylogeny. <i>Australian Systematic Botany</i> , 2015, 28, 145.	0.9	11
34	Genome composition and origin of the polyploid Aegean grass <i>Avenula agropyroides</i> (Poaceae). <i>Journal of Biogeography</i> , 2011, 38, 727-741.	3.0	5
35	Genome evolution in alpine oat-like grasses through homoploid hybridization and polyploidy. <i>AoB PLANTS</i> , 2016, 8, .	2.3	5
36	Molecular Phylogenetics and Micromorphology of Australasian Stipeae (Poaceae, Subfamily Pooideae), and the Interrelation of Whole-Genome Duplication and Evolutionary Radiations in This Grass Tribe. <i>Frontiers in Plant Science</i> , 2020, 11, 630788.	3.6	5

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37	Recovery of the type specimen of <i>Avena breviaristata</i> , an endemic Algerian grass species collected only once (1882): Morphology, taxonomy and botanical history. <i>Taxon</i> , 2020, 69, 142-152.	0.7	4
38	Abscission of leaf laminae – An unnoticed factor in tussock grass formation. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2011, 206, 32-37.	1.2	3
39	Mitosis and Interphase of the Highly Polyploid Palm <i>Voanioalagerardii</i> ( $2n = 606 \pm 3$ ). <i>Cytogenetic and Genome Research</i> , 2015, 147, 70-79.	1.1	3
40	Glacial refugia and speciation in a group of wind-pollinated and -dispersed, endemic Alpine species of <i>Helictotrichon</i> (Poaceae). <i>PLoS ONE</i> , 2018, 13, e0205354.	2.5	1