

# Niklaus Zemp

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

642  
citations

687363

13  
h-index

713466

21  
g-index

27  
all docs

27  
docs citations

27  
times ranked

941  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid De Novo Evolution of X Chromosome Dosage Compensation in <i>Silene latifolia</i> , a Plant with Young Sex Chromosomes. <i>PLoS Biology</i> , 2012, 10, e1001308.	5.6	146
2	SEX-DETECTOR: A Probabilistic Approach to Study Sex Chromosomes in Non-Model Organisms. <i>Genome Biology and Evolution</i> , 2016, 8, 2530-2543.	2.5	64
3	Evolution of sex-biased gene expression in a dioecious plant. <i>Nature Plants</i> , 2016, 2, 16168.	9.3	57
4	Transgene Expression and Bt Protein Content in Transgenic Bt Maize (MON810) under Optimal and Stressful Environmental Conditions. <i>PLoS ONE</i> , 2015, 10, e0123011.	2.5	51
5	Teosinte in Europe – Searching for the Origin of a Novel Weed. <i>Scientific Reports</i> , 2017, 7, 1560.	3.3	47
6	Genomic imprinting mediates dosage compensation in a young plant XY system. <i>Nature Plants</i> , 2018, 4, 677-680.	9.3	34
7	Population genomic evidence for plant glacial survival in Scandinavia. <i>Molecular Ecology</i> , 2019, 28, 818-832.	3.9	34
8	Dioecy Is Associated with High Genetic Diversity and Adaptation Rates in the Plant Genus <i>Silene</i> . <i>Molecular Biology and Evolution</i> , 2021, 38, 805-818.	8.9	31
9	Gene Regulatory Variation Mediates Flowering Responses to Vernalization along an Altitudinal Gradient in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2014, 166, 1928-1942.	4.8	30
10	Fungal Infection Induces Sex-Specific Transcriptional Changes and Alters Sexual Dimorphism in the Dioecious Plant <i>Silene latifolia</i> . <i>PLoS Genetics</i> , 2015, 11, e1005536.	3.5	24
11	Identifying new sex-linked genes through BAC sequencing in the dioecious plant <i>Silene latifolia</i> . <i>BMC Genomics</i> , 2015, 16, 546.	2.8	22
12	Comparative analysis of a plant pseudoautosomal region (PAR) in <i>Silene latifolia</i> with the corresponding <i>S. vulgaris</i> autosome. <i>BMC Genomics</i> , 2012, 13, 226.	2.8	20
13	Isolation and Comparative Genomic Analysis of Reuterin-Producing <i>Lactobacillus reuteri</i> From the Chicken Gastrointestinal Tract. <i>Frontiers in Microbiology</i> , 2020, 11, 1166.	3.5	18
14	Identification of Internal Reference Genes for Gene Expression Normalization between the Two Sexes in Dioecious White Campion. <i>PLoS ONE</i> , 2014, 9, e92893.	2.5	15
15	Has adaptation occurred in males and females since separate sexes evolved in the plant <i>Silene latifolia</i> ?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172824.	2.6	11
16	Genomic Variation among Strains of <i>Crithidia bombi</i> and <i>C. expoeki</i> . <i>MSphere</i> , 2019, 4, .	2.9	7
17	Insights into the genetic architecture of sexual dimorphism from an interspecific cross between two diverging <i>Silene</i> (Caryophyllaceae) species. <i>Molecular Ecology</i> , 2019, 28, 5052-5067.	3.9	4
18	Quantitative trait locus analysis of parasitoid counteradaptation to symbiont-conferred resistance. <i>Heredity</i> , 2021, 127, 219-232.	2.6	4

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19	Transcriptome-wide SNPs for <i>Botrychium lunaria</i> ferns enable fine-grained analysis of ploidy and population structure. <i>Molecular Ecology Resources</i> , 2022, 22, 254-271.	4.8	3
20	Species ecology explains the spatial components of genetic diversity in tropical reef fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211574.	2.6	3
21	Neither connectivity nor genetic diversity matter in the conservation of a rare fern and a moss on insular erratic boulders. <i>Conservation Genetics</i> , 2022, 23, 193-209.	1.5	1