

# Christian N Parisod

## List of Publications by Year in descending order

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63  
papers

4,994  
citations

201674

27  
h-index

123424

61  
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68  
docs citations

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times ranked

6513  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant speciation in the face of recurrent climate changes in the Alps. <i>Alpine Botany</i> , 2022, 132, 21-28.	2.4	16
2	Plant evolutionary ecology in mountain regions in space and time. <i>Alpine Botany</i> , 2022, 132, 1.	2.4	1
3	Phylogenetics and Biogeography of <i>Lilium ledebourii</i> from the Hyrcanian Forest. <i>Diversity</i> , 2022, 14, 137.	1.7	1
4	Tracking population genetic signatures of local extinction with herbarium specimens. <i>Annals of Botany</i> , 2022, 129, 857-868.	2.9	8
5	Recent hybrid speciation at the origin of the narrow endemic <i>Pulmonaria helvetica</i> . <i>Annals of Botany</i> , 2021, 127, 21-31.	2.9	12
6	The genome of <i>Draba nivalis</i> shows signatures of adaptation to the extreme environmental stresses of the Arctic. <i>Molecular Ecology Resources</i> , 2021, 21, 661-676.	4.8	14
7	Transcriptional activity of transposable elements along an elevational gradient in <i>Arabidopsis arenosa</i> . <i>Mobile DNA</i> , 2021, 12, 7.	3.6	30
8	Multiscale Very High Resolution Topographic Models in Alpine Ecology: Pros and Cons of Airborne LiDAR and Drone-Based Stereo-Photogrammetry Technologies. <i>Remote Sensing</i> , 2021, 13, 1588.	4.0	7
9	Parallel adaptation in autopolyploid <i>Arabidopsis arenosa</i> is dominated by repeated recruitment of shared alleles. <i>Nature Communications</i> , 2021, 12, 4979.	12.8	22
10	Chromosome restructuring among hybridizing wild wheats. <i>New Phytologist</i> , 2020, 226, 1263-1273.	7.3	19
11	Climate Change and Alpine Screens: No Future for Glacial Relict <i>Papaver occidentale</i> (Papaveraceae) in Western Prealps. <i>Diversity</i> , 2020, 12, 346.	1.7	7
12	Genetic structure of the endemic <i>Papaver occidentale</i> indicates survival and immigration in the Western Prealps. <i>Alpine Botany</i> , 2020, 130, 129-140.	2.4	3
13	Eco-genetic additivity of diploids in allopolyploid wild wheats. <i>Ecology Letters</i> , 2020, 23, 663-673.	6.4	16
14	Hybridization preceded radiation in diploid wheats. <i>Molecular Phylogenetics and Evolution</i> , 2019, 139, 1065-1074.	2.7	21
15	Lateral transfers of large DNA fragments spread functional genes among grasses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4416-4425.	7.1	94
16	Plant defense resistance in natural enemies of a specialist insect herbivore. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23174-23181.	7.1	53
17	Parental transposable element loads influence their dynamics in young <i>Nicotiana</i> hybrids and allotetraploids. <i>New Phytologist</i> , 2019, 221, 1619-1633.	7.3	23
18	Genome-wide variation in nucleotides and retrotransposons in alpine populations of <i>Arabis alpina</i> (Brassicaceae). <i>Molecular Ecology Resources</i> , 2019, 19, 773-787.	4.8	13

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19	Impact of polymorphic transposable elements on linkage disequilibrium along chromosomes. <i>Molecular Ecology</i> , 2019, 28, 1550-1562.	3.9	12
20	Multiscale landscape genomic models to detect signatures of selection in the alpine plant <i>Biscutella laevigata</i> . <i>Ecology and Evolution</i> , 2018, 8, 1794-1806.	1.9	8
21	The phylogeographic structure of <i>Arabis alpina</i> in the Alps shows consistent patterns across different types of molecular markers and geographic scales. <i>Alpine Botany</i> , 2018, 128, 35-45.	2.4	11
22	Resolving fine-grained dynamics of retrotransposons: comparative analysis of inferential methods and genomic resources. <i>Plant Journal</i> , 2017, 90, 979-993.	5.7	10
23	Phylogeography of the moonwort fern <i>Botrychium lunaria</i> (Ophioglossaceae) based on chloroplast DNA in the Central-European Mountain System. <i>Alpine Botany</i> , 2017, 127, 185-196.	2.4	10
24	Jumping genes: Genomic ballast or powerhouse of biological diversification. <i>Molecular Ecology</i> , 2017, 26, 4587-4590.	3.9	7
25	Profiling Transposable Elements and Their Epigenetic Effects in Non-model Species. <i>Methods in Molecular Biology</i> , 2017, 1456, 243-250.	0.9	0
26	Benefits from living together? Clades whose species use similar habitats may persist as a result of eco-evolutionary feedbacks. <i>New Phytologist</i> , 2017, 213, 66-82.	7.3	18
27	Towards unified hypotheses of the impact of polyploidy on ecological niches. <i>New Phytologist</i> , 2016, 212, 540-542.	7.3	50
28	Differential introgression and reorganization of retrotransposons in hybrid zones between wild wheats. <i>Molecular Ecology</i> , 2016, 25, 2518-2528.	3.9	19
29	Repeated Whole-Genome Duplication, Karyotype Reshuffling, and Biased Retention of Stress-Responding Genes in Buckler Mustard. <i>Plant Cell</i> , 2016, 28, 17-27.	6.6	49
30	Very high-resolution digital elevation models: are multi-scale derived variables ecologically relevant?. <i>Methods in Ecology and Evolution</i> , 2015, 6, 1373-1383.	5.2	56
31	Genome reorganization in $F_1$ hybrids uncovers the role of retrotransposons in reproductive isolation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142874.	2.6	45
32	Evolutionary dynamics of retrotransposons following autopolyploidy in the Buckler Mustard species complex. <i>Plant Journal</i> , 2015, 82, 621-631.	5.7	35
33	Hybrid Genetic Algorithm and Lasso Test Approach for Inferring Well Supported Phylogenetic Trees Based on Subsets of Chloroplastic Core Genes. <i>Lecture Notes in Computer Science</i> , 2015, , 83-96.	1.3	5
34	Contrasting evolutionary trajectories of multiple retrotransposons following independent allopolyploidy in wild wheats. <i>New Phytologist</i> , 2014, 202, 975-985.	7.3	42
35	Detecting Epigenetic Effects of Transposable Elements in Plants. <i>Methods in Molecular Biology</i> , 2014, 1112, 211-217.	0.9	0
36	Wheat alleles introgress into selfing wild relatives: empirical estimates from approximate Bayesian computation in <i>Aegilops triuncialis</i> . <i>Molecular Ecology</i> , 2014, 23, 5089-5101.	3.9	11

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37	Patterns of genetic divergence among populations of the pseudometallophyte <i>Biscutella laevigata</i> from southern Poland. <i>Plant and Soil</i> , 2014, 383, 245-256.	3.7	20
38	Genetics of Cryptic Speciation within an Arctic Mustard, <i>Draba nivalis</i> . <i>PLoS ONE</i> , 2014, 9, e93834.	2.5	23
39	Hybridization and speciation. <i>Journal of Evolutionary Biology</i> , 2013, 26, 229-246.	1.7	1,735
40	Genome-specific introgression between wheat and its wild relative <i>Aegilops triuncialis</i> . <i>Journal of Evolutionary Biology</i> , 2013, 26, 223-228.	1.7	15
41	Natural Pathways to Polyploidy in Plants and Consequences for Genome Reorganization. <i>Cytogenetic and Genome Research</i> , 2013, 140, 79-96.	1.1	131
42	Transposable elements and microevolutionary changes in natural populations. <i>Molecular Ecology Resources</i> , 2013, 13, 765-775.	4.8	81
43	Evolutionary Dynamics of Retrotransposons Assessed by High-Throughput Sequencing in Wild Relatives of Wheat. <i>Genome Biology and Evolution</i> , 2013, 5, 1010-1020.	2.5	30
44	Responses of Transposable Elements to Polyploidy. <i>Topics in Current Genetics</i> , 2012, , 147-168.	0.7	37
45	Adaptive landscape genetics: pitfalls and benefits. <i>Molecular Ecology</i> , 2012, 21, 3644-3646.	3.9	16
46	Differential Dynamics of Transposable Elements during Long-Term Diploidization of <i>Nicotiana glauca</i> Section <i>Repandae</i> (Solanaceae) Allopolyploid Genomes. <i>PLoS ONE</i> , 2012, 7, e50352.	2.5	29
47	Gene flow between wheat and wild relatives: empirical evidence from <i>Aegilops geniculata</i> , <i>Ae. neglecta</i> and <i>Ae. triuncialis</i> . <i>Evolutionary Applications</i> , 2011, 4, 685-695.	3.1	42
48	Marie Brockmann-Jerosch and her influence on Alpine phylogeography. <i>Alpine Botany</i> , 2011, 121, 5-10.	2.4	7
49	Very high resolution digital elevation models (VHR DEMs) and multiscale landscape genomics analysis applied to an alpine plant species. <i>SIGSPATIAL Special</i> , 2011, 3, 10-14.	2.7	1
50	Plant and vegetation responses to a changing environment: an alpine issue. <i>Botanica Helvetica</i> , 2010, 120, 83-84.	1.1	4
51	Impact of transposable elements on the organization and function of allopolyploid genomes. <i>New Phytologist</i> , 2010, 186, 37-45.	7.3	233
52	Evolutionary consequences of autopolyploidy. <i>New Phytologist</i> , 2010, 186, 5-17.	7.3	580
53	Origin and expansion of the allotetraploid <i>Aegilops geniculata</i> , a wild relative of wheat. <i>New Phytologist</i> , 2010, 187, 1170-1180.	7.3	58
54	Epigenetic Variation in Mangrove Plants Occurring in Contrasting Natural Environment. <i>PLoS ONE</i> , 2010, 5, e10326.	2.5	336

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55	Divergent selection in trailing- versus leading-edge populations of <i>Biscutella laevigata</i> . <i>Annals of Botany</i> , 2010, 105, 655-660.	2.9	35
56	Hybridization, polyploidy and invasion: lessons from <i>Spartina</i> (Poaceae). <i>Biological Invasions</i> , 2009, 11, 1159-1173.	2.4	202
57	Rapid structural and epigenetic reorganization near transposable elements in hybrid and allopolyploid genomes in <i>Spartina</i> . <i>New Phytologist</i> , 2009, 184, 1003-1015.	7.3	207
58	Postglacial recolonisation of plants in the western Alps of Switzerland. <i>Botanica Helvetica</i> , 2008, 118, 1-12.	1.1	32
59	Fine-scale genetic structure and marginal processes in an expanding population of <i>Biscutella laevigata</i> L. (Brassicaceae). <i>Heredity</i> , 2008, 101, 536-542.	2.6	38
60	Genome-wide association to fine-scale ecological heterogeneity within a continuous population of <i>Biscutella laevigata</i> (Brassicaceae). <i>New Phytologist</i> , 2008, 178, 436-447.	7.3	59
61	Glacial in situ survival in the Western Alps and polytopic autopolyploidy in <i>Biscutella laevigata</i> L. (Brassicaceae). <i>Molecular Ecology</i> , 2007, 16, 2755-2767.	3.9	101
62	Genetic Variability and Founder Effect in the Pitcher Plant <i>Sarracenia purpurea</i> (Sarraceniaceae) in Populations Introduced into Switzerland: from Inbreeding to Invasion. <i>Annals of Botany</i> , 2005, 95, 277-286.	2.9	46
63	Climate cooling promoted the expansion and radiation of a threatened group of South American orchids (Epidendroideae: Laeliinae). <i>Biological Journal of the Linnean Society</i> , 0, 100, 597-607.	1.6	93