

Paul F Gugger

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4533111/paul-f-gugger-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

1,832
citations

25
h-index

42
g-index

53
ext. papers

2,469
ext. citations

5.3
avg, IF

5
L-index

#	Paper	IF	Citations
49	High-quality genome and methylomes illustrate features underlying evolutionary success of oaks.. <i>Nature Communications</i> , 2022 , 13, 2047	17.4	2
48	Landscape genomics of <i>Quercus lobata</i> reveals genes involved in local climate adaptation at multiple spatial scales. <i>Molecular Ecology</i> , 2021 , 30, 406-423	5.7	6
47	Responses of an endemic species (<i>Roscoea humeana</i>) in the Hengduan Mountains to climate change. <i>Diversity and Distributions</i> , 2021 , 27, 2231	5	0
46	An Eclectic Cast of Cellular Actors Orchestrates Innate Immune Responses in the Mechanisms Driving Obesity and Metabolic Perturbation. <i>Circulation Research</i> , 2020 , 126, 1565-1589	15.7	9
45	Receptor for Advanced Glycation End Products (RAGE) and Mechanisms and Therapeutic Opportunities in Diabetes and Cardiovascular Disease: Insights From Human Subjects and Animal Models. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 37	5.4	63
44	Distinct Expression and Methylation Patterns for Genes with Different Fates following a Single Whole-Genome Duplication in Flowering Plants. <i>Molecular Biology and Evolution</i> , 2020 , 37, 2394-2413	8.3	24
43	Are mountaintops climate refugia for plants under global warming? A lesson from high-mountain oaks in tropical rainforest. <i>Alpine Botany</i> , 2019 , 129, 175-183	2.5	7
42	Genomic Identity of White Oak Species in an Eastern North American Syngameon. <i>Annals of the Missouri Botanical Garden</i> , 2019 , 104, 455-477	1.8	11
41	Adaptational lag to temperature in valley oak () can be mitigated by genome-informed assisted gene flow. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 25179-25185	11.5	44
40	Historical interactions are predicted to be disrupted under future climate change: The case of lace lichen and valley oak. <i>Journal of Biogeography</i> , 2019 , 46, 19-29	4.1	2
39	Low genetic differentiation between two morphologically and ecologically distinct giant-leaved Mexican oaks. <i>Plant Systematics and Evolution</i> , 2019 , 305, 89-101	1.3	6
38	Genomic data reveal cryptic lineage diversification and introgression in Californian golden cup oaks (section <i>Protobalanus</i>). <i>New Phytologist</i> , 2018 , 218, 804-818	9.8	35
37	Dendroecology meets genomics in the common garden: new insights into climate adaptation. <i>New Phytologist</i> , 2018 , 218, 401-403	9.8	8
36	Applying landscape genomic tools to forest management and restoration of Hawaiian koa () in a changing environment. <i>Evolutionary Applications</i> , 2018 , 11, 231-242	4.8	30
35	Landscape genomics provides evidence of climate-associated genetic variation in Mexican populations of. <i>Evolutionary Applications</i> , 2018 , 11, 1842-1858	4.8	31
34	Investigating the molecular basis for heterophylly in the aquatic plant (<i>Potamogetonaceae</i>) with comparative transcriptomics. <i>PeerJ</i> , 2018 , 6, e4448	3.1	7
33	Carcass age and searcher identity affect morphological assessment of sex of bats. <i>Journal of Wildlife Management</i> , 2018 , 82, 1582-1587	1.9	1

32	Assessment of shared alleles in drought-associated candidate genes among southern California white oak species (<i>Quercus</i> sect. <i>Quercus</i>). <i>BMC Genetics</i> , 2018 , 19, 88	2.6	9
31	RADseq data reveal ancient, but not pervasive, introgression between Californian tree and scrub oak species (<i>Quercus</i> sect. <i>Quercus</i> : Fagaceae). <i>Molecular Ecology</i> , 2018 , 27, 4556-4571	5.7	22
30	Landscape Genomics of Angiosperm Trees: From Historic Roots to Discovering New Branches of Adaptive Evolution. <i>Plant Genetics and Genomics: Crops and Models</i> , 2017 , 303-333	0.2	7
29	Impacts of human-induced environmental disturbances on hybridization between two ecologically differentiated Californian oak species. <i>New Phytologist</i> , 2017 , 213, 942-955	9.8	29
28	Climatic determinants of acorn size and germination percentage of <i>Quercus rugosa</i> (Fagaceae) along a latitudinal gradient in Mexico. <i>Botanical Sciences</i> , 2017 , 95, 37	1.4	8
27	Whole-transcriptome response to water stress in a California endemic oak, <i>Quercus lobata</i> . <i>Tree Physiology</i> , 2017 , 37, 632-644	4.2	22
26	Evolutionary lessons from California plant phylogeography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 8064-71	11.5	26
25	Association of genetic and phenotypic variability with geography and climate in three southern California oaks. <i>American Journal of Botany</i> , 2016 , 103, 73-85	2.7	33
24	Association of transcriptome-wide sequence variation with climate gradients in valley oak (<i>Quercus lobata</i>). <i>Tree Genetics and Genomes</i> , 2016 , 12, 1	2.1	26
23	Landscape genomic analysis of candidate genes for climate adaptation in a California endemic oak, <i>Quercus lobata</i> . <i>American Journal of Botany</i> , 2016 , 103, 33-46	2.7	65
22	Identification of a R2R3-MYB gene regulating anthocyanin biosynthesis and relationships between its variation and flower color difference in lotus (<i>Nelumbo Adans.</i>). <i>PeerJ</i> , 2016 , 4, e2369	3.1	20
21	Ecological divergence of two closely related <i>Roscoea</i> species associated with late Quaternary climate change. <i>Journal of Biogeography</i> , 2016 , 43, 1990-2001	4.1	22
20	Species-wide patterns of DNA methylation variation in <i>Quercus lobata</i> and their association with climate gradients. <i>Molecular Ecology</i> , 2016 , 25, 1665-80	5.7	88
19	First Draft Assembly and Annotation of the Genome of a California Endemic Oak NB (Fagaceae). <i>G3: Genes, Genomes, Genetics</i> , 2016 , 6, 3485-3495	3.2	57
18	Evolutionary insights from de novo transcriptome assembly and SNP discovery in California white oaks. <i>BMC Genomics</i> , 2015 , 16, 552	4.5	26
17	Evolutionary and demographic history of the Californian scrub white oak species complex: an integrative approach. <i>Molecular Ecology</i> , 2015 , 24, 6188-208	5.7	27
16	Genome-wide signature of local adaptation linked to variable CpG methylation in oak populations. <i>Molecular Ecology</i> , 2015 , 24, 3823-30	5.7	70
15	Climatically stable landscapes predict patterns of genetic structure and admixture in the Californian canyon live oak. <i>Journal of Biogeography</i> , 2015 , 42, 328-338	4.1	54

14	Influence of climatic niche suitability and geographical overlap on hybridization patterns among southern Californian oaks. <i>Journal of Biogeography</i> , 2014 , 41, 1895-1908	4.1	41
13	Climate refugia: joint inference from fossil records, species distribution models and phylogeography. <i>New Phytologist</i> , 2014 , 204, 37-54	9.8	258
12	Molecular and morphological support for a Florida origin of the Cuban oak. <i>Journal of Biogeography</i> , 2013 , 40, 632-645	4.1	29
11	Influence of late Quaternary climate change on present patterns of genetic variation in valley oak, <i>Quercus lobata</i> NÉ. <i>Molecular Ecology</i> , 2013 , 22, 3598-612	5.7	96
10	Influence of environmental heterogeneity on genetic diversity and structure in an endemic southern Californian oak. <i>Molecular Ecology</i> , 2012 , 21, 3210-23	5.7	71
9	Southward Pleistocene migration of Douglas-fir into Mexico: phylogeography, ecological niche modeling, and conservation of near edge populations. <i>New Phytologist</i> , 2011 , 189, 1185-1199	9.8	60
8	Phylogeography of Douglas-fir based on mitochondrial and chloroplast DNA sequences: testing hypotheses from the fossil record. <i>Molecular Ecology</i> , 2010 , 19, 1877-97	5.7	66
7	Glacial populations and postglacial migration of Douglas-fir based on fossil pollen and macrofossil evidence. <i>Quaternary Science Reviews</i> , 2010 , 29, 2052-2070	3.9	27
6	A phylogenetic estimation of trophic transition networks for ascomycetous fungi: are lichens cradles of symbiotrophic fungal diversification?. <i>Systematic Biology</i> , 2009 , 58, 283-97	8.4	262
5	Inferring long-distance dispersal and topographic barriers during post-glacial colonization from the genetic structure of red maple (<i>Acer rubrum</i> L.) in New England. <i>Journal of Biogeography</i> , 2008 , 35, 1665-1673	4.1	18
4	A new distribution area of endemic kasnak oak (<i>Quercus vulcanica</i> [Boiss. et Heldr. ex] Kotschy). <i>Turkish Journal of Forestry / Türkiye Ormanlık Dergisi</i> , 6-14	0.3	
3	Mid-Atlantic forest ecosystem vulnerability assessment and synthesis		4
2	Conserved DNA polymorphisms distinguish species in the eastern North American white oak syngameon: Insights from an 80-SNP oak DNA genotyping toolkit		1
1	High-quality genome and methylomes illustrate features underlying evolutionary success of oaks		2