

Rafal M Gutaker

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

882
citations

759233

12
h-index

940533

16
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22
all docs

22
docs citations

22
times ranked

1625
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic estimation of complex traits reveals ancient maize adaptation to temperate North America. <i>Science</i> , 2017, 357, 512-515.	12.6	169
2	Genomic history and ecology of the geographic spread of rice. <i>Nature Plants</i> , 2020, 6, 492-502.	9.3	143
3	African genomes illuminate the early history and transition to selfing in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5213-5218.	7.1	142
4	The origins and adaptation of European potatoes reconstructed from historical genomes. <i>Nature Ecology and Evolution</i> , 2019, 3, 1093-1101.	7.8	73
5	Reinforcing plant evolutionary genomics using ancient DNA. <i>Current Opinion in Plant Biology</i> , 2017, 36, 38-45.	7.1	65
6	Extraction of ultrashort DNA molecules from herbarium specimens. <i>BioTechniques</i> , 2017, 62, 76-79.	1.8	53
7	Phylogeny of Apiaceae subtribe Daucinae and the taxonomic delineation of its genera. <i>Taxon</i> , 2016, 65, 563-585.	0.7	48
8	Using archaeogenomic and computational approaches to unravel the history of local adaptation in crops. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130377.	4.0	35
9	The complex geography of domestication of the African rice <i>Oryza glaberrima</i> . <i>PLoS Genetics</i> , 2019, 15, e1007414.	3.5	30
10	Archaeogenomic insights into the adaptation of plants to the human environment: pushing plant-hominin co-evolution back to the Pliocene. <i>Journal of Human Evolution</i> , 2015, 79, 150-157.	2.6	28
11	Modulation of ACD6 dependent hyperimmunity by natural alleles of an <i>Arabidopsis thaliana</i> NLR resistance gene. <i>PLoS Genetics</i> , 2018, 14, e1007628.	3.5	25
12	Genome Analysis Traces Regional Dispersal of Rice in Taiwan and Southeast Asia. <i>Molecular Biology and Evolution</i> , 2021, 38, 4832-4846.	8.9	16
13	Flax latitudinal adaptation at LuTFL1 altered architecture and promoted fiber production. <i>Scientific Reports</i> , 2019, 9, 976.	3.3	14
14	Molecular Clocks and Archeogenomics of a Late Period Egyptian Date Palm Leaf Reveal Introgression from Wild Relatives and Add Timestamps on the Domestication. <i>Molecular Biology and Evolution</i> , 2021, 38, 4475-4492.	8.9	14
15	Isolation, Library Preparation, and Bioinformatic Analysis of Historical and Ancient Plant DNA. <i>Current Protocols in Plant Biology</i> , 2020, 5, e20121.	2.8	14
16	Scaling up neodomestication for climate-ready crops. <i>Current Opinion in Plant Biology</i> , 2022, 66, 102169.	7.1	7
17	An NGS approach to archaeobotanical museum specimens as genetic resources in systematics research. <i>PLoS One</i> , 2022, 17, e0248304.		0