

# Muriel Gros-Balthazard

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

763  
citations

623734

14  
h-index

610901

24  
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27  
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docs citations

27  
times ranked

871  
citing authors

#	ARTICLE	IF	CITATIONS
1	Patterns of Volatile Diversity Yield Insights Into the Genetics and Biochemistry of the Date Palm Fruit Volatilome. <i>Frontiers in Plant Science</i> , 2022, 13, 853651.	3.6	6
2	A Brief History of the Origin of Domesticated Date Palms. <i>Compendium of Plant Genomes</i> , 2021, , 55-74.	0.5	12
3	Systematics and Evolution of the Genus Phoenix: Towards Understanding Date Palm Origins. <i>Compendium of Plant Genomes</i> , 2021, , 29-54.	0.5	2
4	The genomes of ancient date palms germinated from 2,000 y old seeds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	13
5	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
6	Origins and insights into the historic Judean date palm based on genetic analysis of germinated ancient seeds and morphometric studies. <i>Science Advances</i> , 2020, 6, eaax0384.	10.3	27
7	On the necessity of combining ethnobotany and genetics to assess agrobiodiversity and its evolution in crops: A case study on date palms ( <i>Phoenix dactylifera</i> L.) in Siwa Oasis, Egypt. <i>Evolutionary Applications</i> , 2020, 13, 1818-1840.	3.1	21
8	Genome-wide association mapping of date palm fruit traits. <i>Nature Communications</i> , 2019, 10, 4680.	12.8	75
9	Evolutionary transcriptomics reveals the origins of olives and the genomic changes associated with their domestication. <i>Plant Journal</i> , 2019, 100, 143-157.	5.7	64
10	Cross-species hybridization and the origin of North African date palms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1651-1658.	7.1	95
11	Genomic Insights into Date Palm Origins. <i>Genes</i> , 2018, 9, 502.	2.4	26
12	Date Palm Agrobiodiversity ( <i>Phoenix dactylifera</i> L.) in Siwa Oasis, Egypt: Combining Ethnography, Morphometry, and Genetics. <i>Human Ecology</i> , 2018, 46, 529-546.	1.4	10
13	Genetic diversity of Southeastern Nigerien date palms reveals a secondary structure within Western populations. <i>Tree Genetics and Genomes</i> , 2017, 13, 1.	1.6	12
14	The Discovery of Wild Date Palms in Oman Reveals a Complex Domestication History Involving Centers in the Middle East and Africa. <i>Current Biology</i> , 2017, 27, 2211-2218.e8.	3.9	63
15	The Domestication Syndrome in <i>Phoenix dactylifera</i> Seeds: Toward the Identification of Wild Date Palm Populations. <i>PLoS ONE</i> , 2016, 11, e0152394.	2.5	37
16	Genetic structure of the date palm ( <i>Phoenix dactylifera</i> ) in the Old World reveals a strong differentiation between eastern and western populations. <i>Annals of Botany</i> , 2015, 116, 101-112.	2.9	72
17	In silico mining of microsatellites in coding sequences of the date palm ( <i>Arecaceae</i> ) genome, characterization, and transferability. <i>Applications in Plant Sciences</i> , 2014, 2, 1300058.	2.1	26
18	Origins and Domestication of Date Palm ( <i>Phoenix dactylifera</i> L.). The state of the art and the study perspectives. <i>Revue D'ethnoécologie</i> , 2013, , .	0.1	14

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19	BIOGEOGRAPHY OF THE DATE PALM (PHOENIX DACTYLIFERA L., ARECACEAE): INSIGHTS ON THE ORIGIN AND ON THE STRUCTURE OF MODERN DIVERSITY. <i>Acta Horticulturae</i> , 2013, , 19-38.	0.2	38
20	Hybridization in the genus Phoenix: A review. <i>Emirates Journal of Food and Agriculture</i> , 2013, 25, 831.	1.0	36
21	Seeds of history: A morphometric approach to date palm agrobiodiversity, in ancient Egypt and today. <i>Revue D'ethnoécologie</i> , 2013, , .	0.1	1
22	Insights into the historical biogeography of the date palm ( <i>Phoenix dactylifera</i> L.) using geometric morphometry of modern and ancient seeds. <i>Journal of Biogeography</i> , 2012, 39, 929-941.	3.0	75
23	Paleogenetic Analyses Reveal Unsuspected Phylogenetic Affinities between Mice and the Extinct <i>Malpaisomys insularis</i> , an Endemic Rodent of the Canaries. <i>PLoS ONE</i> , 2012, 7, e31123.	2.5	17