

Muriel Gros-Balthazard

List of Publications by Year in descending order

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papers

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623734

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27
all docs

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871
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-species hybridization and the origin of North African date palms. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1651-1658.	7.1	95
2	Insights into the historical biogeography of the date palm (<i>Phoenix dactylifera</i> L.) using geometric morphometry of modern and ancient seeds. Journal of Biogeography, 2012, 39, 929-941.	3.0	75
3	Genome-wide association mapping of date palm fruit traits. Nature Communications, 2019, 10, 4680.	12.8	75
4	Genetic structure of the date palm (<i>Phoenix dactylifera</i>) in the Old World reveals a strong differentiation between eastern and western populations. Annals of Botany, 2015, 116, 101-112.	2.9	72
5	Evolutionary transcriptomics reveals the origins of olives and the genomic changes associated with their domestication. Plant Journal, 2019, 100, 143-157.	5.7	64
6	The Discovery of Wild Date Palms in Oman Reveals a Complex Domestication History Involving Centers in the Middle East and Africa. Current Biology, 2017, 27, 2211-2218.e8.	3.9	63
7	BIOGEOGRAPHY OF THE DATE PALM (<i>PHOENIX DACTYLIFERA</i> L., ARECACEAE): INSIGHTS ON THE ORIGIN AND ON THE STRUCTURE OF MODERN DIVERSITY. Acta Horticulturae, 2013, , 19-38.	0.2	38
8	The Domestication Syndrome in <i>Phoenix dactylifera</i> Seeds: Toward the Identification of Wild Date Palm Populations. PLoS ONE, 2016, 11, e0152394.	2.5	37
9	Hybridization in the genus <i>Phoenix</i> : A review. Emirates Journal of Food and Agriculture, 2013, 25, 831.	1.0	36
10	Origins and insights into the historic Judean date palm based on genetic analysis of germinated ancient seeds and morphometric studies. Science Advances, 2020, 6, eaax0384.	10.3	27
11	In silico mining of microsatellites in coding sequences of the date palm (<i>Arecaceae</i>) genome, characterization, and transferability. Applications in Plant Sciences, 2014, 2, 1300058.	2.1	26
12	Genomic Insights into Date Palm Origins. Genes, 2018, 9, 502.	2.4	26
13	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. Evolutionary Applications, 2020, 13, 1818-1840.	3.1	21
14	Paleogenetic Analyses Reveal Unsuspected Phylogenetic Affinities between Mice and the Extinct <i>Malpaisomys insularis</i> , an Endemic Rodent of the Canaries. PLoS ONE, 2012, 7, e31123.	2.5	17
15	Origins and Domestication of Date Palm (<i>Phoenix dactylifera</i> L.). The state of the art and the study perspectives. Revue D'ethnoécologie, 2013, , .	0.1	14
16	Molecular Clocks and Archeogenomics of a Late Period Egyptian Date Palm Leaf Reveal Introgression from Wild Relatives and Add Timestamps on the Domestication. Molecular Biology and Evolution, 2021, 38, 4475-4492.	8.9	14
17	The genomes of ancient date palms germinated from 2,000 y old seeds. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	13
18	Genetic diversity of Southeastern Nigerien date palms reveals a secondary structure within Western populations. Tree Genetics and Genomes, 2017, 13, 1.	1.6	12

#	ARTICLE	IF	CITATIONS
19	A Brief History of the Origin of Domesticated Date Palms. <i>Compendium of Plant Genomes</i> , 2021, , 55-74.	0.5	12
20	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
21	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
22	Systematics and Evolution of the Genus <i>Phoenix</i> : Towards Understanding Date Palm Origins. <i>Compendium of Plant Genomes</i> , 2021, , 29-54.	0.5	2
23	Seeds of history: A morphometric approach to date palm agrobiodiversity, in ancient Egypt and today. <i>Revue D'ethnoécologie</i> , 2013, , .	0.1	1