

Jean-Frederic Terral

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,503
citations

257450

24
h-index

214800

47
g-index

71
all docs

71
docs citations

71
times ranked

2225
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution and history of grapevine (<i>Vitis vinifera</i>) under domestication: new morphometric perspectives to understand seed domestication syndrome and reveal origins of ancient European cultivars. <i>Annals of Botany</i> , 2010, 105, 443-455.	2.9	236
2	Historical biogeography of olive domestication (<i>Olea europaea</i> L.) as revealed by geometrical morphometry applied to biological and archaeological material. <i>Journal of Biogeography</i> , 2004, 31, 63-77.	3.0	204
3	Primary domestication and early uses of the emblematic olive tree: palaeobotanical, historical and molecular evidence from the Middle East. <i>Biological Reviews</i> , 2012, 87, 885-899.	10.4	185
4	On the origins and domestication of the olive: a review and perspectives. <i>Annals of Botany</i> , 2018, 121, 385-403.	2.9	147
5	A small XY chromosomal region explains sex determination in wild dioecious <i>V. vinifera</i> and the reversal to hermaphroditism in domesticated grapevines. <i>BMC Plant Biology</i> , 2014, 14, 229.	3.6	116
6	Impact of post-depositional processes on charcoal fragmentation and archaeobotanical implications: experimental approach combining charcoal analysis and biomechanics. <i>Journal of Archaeological Science</i> , 2014, 44, 30-42.	2.4	98
7	Beginnings of Olive Cultivation in Eastern Spain in Relation to Holocene Bioclimatic Changes. <i>Quaternary Research</i> , 1996, 46, 176-185.	1.7	96
8	The origins of the domestication of the olive tree. <i>Comptes Rendus - Biologies</i> , 2009, 332, 1059-1064.	0.2	90
9	Bioarchaeological Insights into the Process of Domestication of Grapevine (<i>Vitis vinifera</i> L.) during Roman Times in Southern France. <i>PLoS ONE</i> , 2013, 8, e63195.	2.5	89
10	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
11	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
12	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
13	Inferring the agrobiodiversity of <i>Vitis vinifera</i> L. (grapevine) in ancient Greece by comparative shape analysis of archaeological and modern seeds. <i>Vegetation History and Archaeobotany</i> , 2015, 24, 75-84.	2.1	62
14	Exploitation and Management of the Olive Tree During Prehistoric Times in Mediterranean France and Spain. <i>Journal of Archaeological Science</i> , 2000, 27, 127-133.	2.4	60
15	On the origins and spread of <i>Olea europaea</i> L. (olive) domestication: evidence for shape variation of olive stones at Ugarit, Late Bronze Age, Syria—a window on the Mediterranean Basin and on the westward diffusion of olive varieties. <i>Vegetation History and Archaeobotany</i> , 2014, 23, 567-575.	2.1	60
16	Reconstruction of Holocene climate in southern France and eastern Spain using quantitative anatomy of olive wood and archaeological charcoal. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999, 153, 71-92.	2.3	58
17	<i>Pinus cembra</i> L. (arolla pine), a common tree in the inner French Alps since the early Holocene and above the present tree line: a synthesis based on charcoal data from soils and travertines. <i>Journal of Biogeography</i> , 2005, 32, 1659-1669.	3.0	44
18	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

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19	The Early Holocene treeline in the southern French Alps: new evidence from travertine formations. <i>Global Ecology and Biogeography</i> , 2003, 12, 411-419.	5.8	36
20	The Egyptian olive (<i>Olea europaea</i> subsp. <i>europaea</i>) in the later first millennium BC: origins and history using the morphometric analysis of olive stones. <i>Antiquity</i> , 2006, 80, 405-414.	1.0	35
21	Bio-archaeological evidence of olive tree (<i>Olea europaea</i> L.) irrigation during the Middle Ages in Southern France and North Eastern Spain. <i>Journal of Archaeological Science</i> , 2006, 33, 718-724.	2.4	32
22	New insights into Mediterranean Gallo-Roman farming: a closer look at archaeological wells in Southern France. <i>Archaeological and Anthropological Sciences</i> , 2015, 7, 201-233.	1.8	30
23	Palaeobiogeography of <i>Pinus nigra</i> Arn. subsp. <i>salzmannii</i> (Dunal) Franco in the north-western Mediterranean Basin: A review based on macroremains. <i>Review of Palaeobotany and Palynology</i> , 2013, 194, 1-11.	1.5	28
24	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
25	Assessing past agrobiodiversity of <i>Prunus avium</i> L. (Rosaceae): a morphometric approach focussed on the stones from the archaeological site H [^] tel-Dieu (16th century, Tours, France). <i>Vegetation History and Archaeobotany</i> , 2011, 20, 447-458.	2.1	25
26	Local domestication or diffusion? Insights into viticulture in Greece from Neolithic to Archaic times, using geometric morphometric analyses of archaeological grape seeds. <i>Journal of Archaeological Science</i> , 2021, 125, 105263.	2.4	25
27	Documenting the history of the grapevine and viticulture: A quantitative eco-anatomical perspective applied to modern and archaeological charcoal. <i>Journal of Archaeological Science</i> , 2018, 100, 45-61.	2.4	23
28	The Shape Diversity of Olive Stones Resulting from Domestication and Diversification Unveils Traits of the Oldest Known 6500-Years-Old Table Olives from Hishuley Carmel Site (Israel). <i>Agronomy</i> , 2021, 11, 2187.	3.0	22
29	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
30	Plant-insect interactions patterns in three European paleoforests of the late-Neogene–early-Quaternary. <i>PeerJ</i> , 2018, 6, e5075.	2.0	21
31	Potential of combining morphometry and ancient DNA information to investigate grapevine domestication. <i>Vegetation History and Archaeobotany</i> , 2017, 26, 345-356.	2.1	20
32	Wild and cultivated olive (<i>Olea europaea</i> L.): a new approach to an old problem using inorganic analyses of modern wood and archaeological charcoal. <i>Review of Palaeobotany and Palynology</i> , 1996, 91, 383-397.	1.5	19
33	Holocene palaeoenvironmental changes in southern France: a palaeobotanical study of travertine at St-Antonin, Bouches-du-Rhône. <i>Holocene</i> , 2003, 13, 293-298.	1.7	19
34	More than meets the eye: new archaeobotanical evidence on Bronze Age viticulture and wine making in the Peloponnese, Greece. <i>Vegetation History and Archaeobotany</i> , 2020, 29, 35-50.	2.1	18
35	Bernasso, a paleoforest from the early Pleistocene: New input from plant–insect interactions (H [^] crault, France). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 446, 78-84.	2.3	17
36	Holocene vegetation responses to fire events in the inner French Alps (Queyras Massif): data from charcoal and geomorphological analysis of travertine sequences. <i>Holocene</i> , 2005, 15, 149-155.	1.7	16

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37	History and archaeology of the emblematic argan tree in the medieval Anti-Atlas Mountains (Morocco). <i>Quaternary International</i> , 2016, 404, 114-136.	1.5	15
38	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
39	Seed morphology uncovers 1500 years of vine agrobiodiversity before the advent of the Champagne wine. <i>Scientific Reports</i> , 2021, 11, 2305.	3.3	14
40	Eco-evo-devo implications and archaeobiological perspectives of trait covariance in fruits of wild and domesticated grapevines. <i>PLoS ONE</i> , 2020, 15, e0239863.	2.5	14
41	Changes in pattern of plant-insect interactions on the Persian ironwood (<i>Parrotia persica</i> ,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>	1.5	13
42	A case of long-term herbivory: specialized feeding trace on <i>Parrotia</i> (Hamamelidaceae) plant species. <i>Royal Society Open Science</i> , 2020, 7, 201449.	2.4	13
43	Olive tree varieties cultivated for the great Baetican oil trade between the 1st and the 4th centuries ad: morphometric analysis of olive stones from Las Delicias (Ecija, Province of Seville, Spain). <i>Vegetation History and Archaeobotany</i> , 2018, 27, 463.	2.1	11
44	Trait-based plant ecology a flawed tool in climate studies? The leaf traits of wild olive that pattern with climate are not those routinely measured. <i>PLoS ONE</i> , 2019, 14, e0219908.	2.5	11
45	Resisting Aridification: Adaptation of Sap Conduction Performance in Moroccan Wild Olive Subspecies Distributed Over an Aridity Gradient. <i>Frontiers in Plant Science</i> , 2021, 12, 663721.	3.6	11
46	Holocene upper tree-limits of <i>Pinus section sylvestris</i> in the Western Alps as evidenced from travertine archives. <i>Review of Palaeobotany and Palynology</i> , 2012, 169, 96-102.	1.5	10
47	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
48	Archaeophenomics of ancient domestic plants and animals using geometric morphometrics : a review. , 0, 2, .		9
49	Subalpine Vegetation Dynamics in the Southern French Alps during the Holocene: Evidence from Plant Imprints and Charcoal Preserved in Travertine Sequences. <i>Arctic, Antarctic, and Alpine Research</i> , 2004, 36, 42-48.	1.1	8
50	Holocene hydrological and vegetation changes in southern France inferred by the study of an alluvial travertine system (Saint-Guilhem-le-Désert, Hérault). <i>Comptes Rendus - Geoscience</i> , 2008, 340, 356-366.	1.2	8
51	Pip shape echoes grapevine domestication history. <i>Scientific Reports</i> , 2021, 11, 21381.	3.3	8
52	Species Distribution Based-Modelling Under Climate Change: The Case of Two Native Wild <i>Olea europaea</i> Subspecies in Morocco, <i>O. e. subsp. europaea</i> var. <i>syvestris</i> and <i>O. e. subsp. maroccana</i> . <i>Climate Change Management</i> , 2022, , 21-43.	0.8	6
53	A new, isolated and endangered relict population of dwarf pine (<i>Pinus mugo</i> Turra) in the northwestern Alps. <i>Comptes Rendus - Biologies</i> , 2009, 332, 456-463.	0.2	4
54	Understanding anatomical plasticity of Argan wood features at local geographical scale in ecological and archaeobotanical perspectives. <i>Scientific Reports</i> , 2021, 11, 10830.	3.3	3

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55	Les systÃmes travertineux holocÃnes et les palÃopaysages mÃditerranÃens et subalpins (France) : une analyse gÃobotanique sÃquentielle Ã haute rÃsolution spatiale. GÃographie Physique Et Quaternaire, 2003, 57, 219-235.	0.2	2
56	Seeds of history: A morphometric approach to date palm agrobiodiversity, in ancient Egypt and today. Revue D'ethnoÃcologie, 2013, , .	0.1	1
57	Approche historique de lâ€™magrobiodiversitÃ du Cerisier (Prunus avium L. / Prunus cerasus L.) en Europe Nord-Occidentale. Food and History, 2016, 14, 131-162.	0.1	0