

Daniele Colombaroli

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

4,970
citations

94433

37
h-index

95266

68
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81
all docs

81
docs citations

81
times ranked

5569
citing authors

#	ARTICLE	IF	CITATIONS
1	Palaeoecological records as a guide for fire management in Killarney National Park, Ireland. <i>Proceedings of the Geologists Association</i> , 2023, 134, 403-415.	1.1	1
2	The Reading Palaeofire Database: an expanded global resource to document changes in fire regimes from sedimentary charcoal records. <i>Earth System Science Data</i> , 2022, 14, 1109-1124.	9.9	9
3	Changing fire regimes during the first olive cultivation in the Mediterranean Basin: New high-resolution evidence from the Sea of Galilee, Israel. <i>Global and Planetary Change</i> , 2022, 210, 103774.	3.5	1
4	Fires and human activities as key factors in the high diversity of Corsican vegetation. <i>Holocene</i> , 2020, 30, 244-257.	1.7	20
5	Evaluating fossil charcoal representation in small peat bogs: Detailed Holocene fire records from southern Sweden. <i>Holocene</i> , 2020, 30, 1540-1551.	1.7	5
6	Shaping Mediterranean landscapes: The cultural impact of anthropogenic fires in Tyrrhenian southern Tuscany during the Iron and Middle Ages (800â€”450 BC / AD 650â€”1300). <i>Holocene</i> , 2020, 30, 1420-1437.	1.7	9
7	The Eurasian Modern Pollen Database (EMPD), version 2. <i>Earth System Science Data</i> , 2020, 12, 2423-2445.	9.9	34
8	Unprecedented herbivory threatens rearâ€”edge populations of <i>Betula</i> in southwestern Eurasia. <i>Ecology</i> , 2019, 100, e02833.	3.2	19
9	Distinct phases of natural landscape dynamics and intensifying human activity in the central Kenya Rift Valley during the past 1300 years. <i>Quaternary Science Reviews</i> , 2019, 218, 91-106.	3.0	13
10	The origin and spread of olive cultivation in the Mediterranean Basin: The fossil pollen evidence. <i>Holocene</i> , 2019, 29, 902-922.	1.7	84
11	Responses of vegetation and testate amoeba trait composition to fire disturbances in and around a bog in central European lowlands (northern Poland). <i>Quaternary Science Reviews</i> , 2019, 208, 129-139.	3.0	23
12	Humans take control of fire-driven diversity changes in Mediterranean Iberiaâ€™s vegetation during the midâ€”late Holocene. <i>Holocene</i> , 2019, 29, 886-901.	1.7	54
13	Tyrrhenian central Italy: Holocene population and landscape ecology. <i>Holocene</i> , 2019, 29, 761-775.	1.7	37
14	Ancient Fires and Indigenous Knowledge Inform Fire Policies. <i>Eos</i> , 2019, 100, .	0.1	0
15	Vegetation and fire dynamics during the last 4000 years in the CabaÃ±eros National Park (central Tj ETQq1 1 0.784314 rgBT / Overlook	1.5	18
16	High resolution lake sediment record reveals selfâ€”organized criticality in erosion processes regulated by internal feedbacks. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 2181-2192.	2.5	8
17	Determinants of savanna-fire dynamics in the eastern Lake Victoria catchment (western Kenya) during the last 1200 years. <i>Quaternary International</i> , 2018, 488, 67-80.	1.5	17
18	Global Modern Charcoal Dataset (GMCD): A tool for exploring proxy-fire linkages and spatial patterns of biomass burning. <i>Quaternary International</i> , 2018, 488, 3-17.	1.5	43

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19	Land-use history as a guide for forest conservation and management. <i>Conservation Biology</i> , 2018, 32, 84-97.	4.7	54
20	An empirical perspective for understanding climate change impacts in Switzerland. <i>Regional Environmental Change</i> , 2018, 18, 205-221.	2.9	23
21	Long-term population dynamics: Theory and reality in a peatland ecosystem. <i>Journal of Ecology</i> , 2018, 106, 333-346.	4.0	14
22	The sedimentary and remote sensing reflection of biomass burning in Europe. <i>Global Ecology and Biogeography</i> , 2018, 27, 199-212.	5.8	73
23	Palaeoclimate constraints on the impact of 2 °C anthropogenic warming and beyond. <i>Nature Geoscience</i> , 2018, 11, 474-485.	12.9	166
24	How Paleofire Research Can Better Inform Ecosystem Management. <i>Eos</i> , 2018, 99, .	0.1	0
25	African fire histories and fire ecologies. <i>Past Global Change Magazine</i> , 2018, 26, 88-88.	0.1	0
26	DiverseK: integrating paleoecology, traditional knowledge and stakeholders. <i>Past Global Change Magazine</i> , 2018, 26, 89-89.	0.1	1
27	Climatic and anthropogenic forcing of prehistorical vegetation succession and fire dynamics in the Lago di Como area (N-Italy, Insubria). <i>Quaternary Science Reviews</i> , 2017, 161, 45-67.	3.0	4
28	Land-use history as a major driver for long-term forest dynamics in the Sierra de Guadarrama National Park (central Spain) during the last millennia: implications for forest conservation and management. <i>Global and Planetary Change</i> , 2017, 152, 64-75.	3.5	37
29	Insights about past forest dynamics as a tool for present and future forest management in Switzerland. <i>Forest Ecology and Management</i> , 2017, 388, 100-112.	3.2	37
30	The historical demise of <i>Pinus nigra</i> forests in the Northern Iberian Plateau (southwestern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.0	31
31	Paleo records as a guide for ecosystem management and biodiversity conservation. <i>Past Global Change Magazine</i> , 2017, 25, 78-79.	0.1	7
32	A novel testate amoebae trait-based approach to infer environmental disturbance in Sphagnum peatlands. <i>Scientific Reports</i> , 2016, 6, 33907.	3.3	57
33	Stable carbon and oxygen isotopes in tree rings show physiological responses of <i>Pericopsis elata</i> to precipitation in the Congo Basin. <i>Journal of Tropical Ecology</i> , 2016, 32, 213-225.	1.1	11
34	Holocene vegetation and fire history of the mountains of Northern Sicily (Italy). <i>Vegetation History and Archaeobotany</i> , 2016, 25, 499-519.	2.1	44
35	Long-term man-environment interactions in the Bolivian Amazon: 8000 years of vegetation dynamics. <i>Quaternary Science Reviews</i> , 2016, 132, 114-128.	3.0	68
36	7000-year human legacy of elevation-dependent European fire regimes. <i>Quaternary Science Reviews</i> , 2016, 132, 206-212.	3.0	70

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37	Vegetation and fire history of coastal north-eastern Sardinia (Italy) under changing Holocene climates and land use. <i>Vegetation History and Archaeobotany</i> , 2016, 25, 271-289.	2.1	39
38	Reconstruction of Holocene vegetation dynamics at Lac de Bretaye, a high-mountain lake in the Swiss Alps. <i>Holocene</i> , 2016, 26, 380-396.	1.7	15
39	Paleofires and Models Illuminate Future Fire Scenarios. <i>Eos</i> , 2016, 97, .	0.1	0
40	Long-term hydrological dynamics and fire history over the last 2000 years in CE Europe reconstructed from a high-resolution peat archive. <i>Quaternary Science Reviews</i> , 2015, 112, 138-152.	3.0	82
41	Combining charcoal sediment and molecular markers to infer a Holocene fire history in the Maya Lowlands of Pet�n, Guatemala. <i>Quaternary Science Reviews</i> , 2015, 115, 123-131.	3.0	41
42	Reviving extinct Mediterranean forest communities may improve ecosystem potential in a warmer future. <i>Frontiers in Ecology and the Environment</i> , 2015, 13, 356-362.	4.0	56
43	Early human impact (5000�3000 BC) affects mountain forest dynamics in the Alps. <i>Journal of Ecology</i> , 2015, 103, 281-295.	4.0	56
44	The role of human-induced fire and sweet chestnut (<i>Castanea sativa</i> Mill.) cultivation on the long-term landscape dynamics of the southern Swiss Alps. <i>Holocene</i> , 2015, 25, 482-494.	1.7	22
45	Contrasting long-term records of biomass burning in wet and dry savannas of equatorial East Africa. <i>Global Change Biology</i> , 2014, 20, 2903-2914.	9.5	45
46	Reconstructing Disturbances and Their Biogeochemical Consequences over Multiple Timescales. <i>BioScience</i> , 2014, 64, 105-116.	4.9	80
47	Impacts of changing climate and land use on vegetation dynamics in a Mediterranean ecosystem: insights from paleoecology and dynamic modeling. <i>Landscape Ecology</i> , 2013, 28, 819-833.	4.2	65
48	Climatic control of the biomass-burning decline in the Americas after AD 1500. <i>Holocene</i> , 2013, 23, 3-13.	1.7	83
49	High-resolution late-glacial chronology for the Gerzensee lake record (Switzerland): 180 correlation between a Gerzensee-stack and NGRIP. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 391, 13-24.	2.3	81
50	Responses to rapid warming at Termination 1a at Gerzensee (Central Europe): Primary succession, albedo, soils, lake development, and ecological interactions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 391, 111-131.	2.3	28
51	Changes in biodiversity and vegetation composition in the central Swiss Alps during the transition from pristine forest to first farming. <i>Diversity and Distributions</i> , 2013, 19, 157-170.	4.1	69
52	Climatic and human impacts on mountain vegetation at Lauenensee (Bernese Alps, Switzerland) during the last 14,000 years. <i>Holocene</i> , 2013, 23, 1415-1427.	1.7	48
53	Determining the long-term changes in biodiversity and provisioning services along a transect from Central Europe to the Mediterranean. <i>Holocene</i> , 2013, 23, 1625-1634.	1.7	69
54	The past ecology of <i>Abies alba</i> provides new perspectives on future responses of silver fir forests to global warming. <i>Ecological Monographs</i> , 2013, 83, 419-439.	5.4	176

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55	Are great Cascadia earthquakes recorded in the sedimentary records from small forearc lakes? <i>Natural Hazards and Earth System Sciences</i> , 2013, 13, 2441-2463.	3.6	25
56	North-south palaeohydrological contrasts in the central Mediterranean during the Holocene: tentative synthesis and working hypotheses. <i>Climate of the Past</i> , 2013, 9, 2043-2071.	3.4	195
57	Long-term perspective on wildfires in the western USA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E535-43.	7.1	425
58	Holocene vegetation and fire dynamics in the supra-mediterranean belt of the Nebrodi Mountains (Sicily, Italy). <i>Journal of Quaternary Science</i> , 2012, 27, 687-698.	2.1	29
59	A Review of 2000 Years of Paleoclimatic Evidence in the Mediterranean. , 2012, , 87-185.		86
60	Predictability of biomass burning in response to climate changes. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	4.9	201
61	Early to mid-Holocene climate change at Lago dell'Accesa (central Italy): climate signal or anthropogenic bias?. <i>Journal of Quaternary Science</i> , 2010, 25, 1239-1247.	2.1	43
62	Species responses to fire, climate and human impact at tree line in the Alps as evidenced by palaeo-environmental records and a dynamic simulation model. <i>Journal of Ecology</i> , 2010, 98, 1346-1357.	4.0	71
63	Highly episodic fire and erosion regime over the past 2,000 y in the Siskiyou Mountains, Oregon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18909-18914.	7.1	75
64	A fire paradox in ecosystems around the Mediterranean. <i>PAGES News</i> , 2010, 18, 63-65.	0.1	19
65	Tropical fire ecology across the African continent: A paleoecological perspective. <i>PAGES News</i> , 2010, 18, 65-67.	0.1	1
66	Mid- and late-Holocene vegetation and fire history at Biviere di Gela, a coastal lake in southern Sicily, Italy. <i>Vegetation History and Archaeobotany</i> , 2009, 18, 371-387.	2.1	92
67	Response of broadleaved evergreen Mediterranean forest vegetation to fire disturbance during the Holocene: insights from the peri-Adriatic region. <i>Journal of Biogeography</i> , 2009, 36, 314-326.	3.0	71
68	Holocene environmental and climatic changes at Gorgo Basso, a coastal lake in southern Sicily, Italy. <i>Quaternary Science Reviews</i> , 2009, 28, 1498-1510.	3.0	192
69	Diatom response to mid-Holocene climate change in Lago di Massaciuccoli (Tuscany, Italy). <i>Journal of Paleolimnology</i> , 2008, 40, 235-245.	1.6	22
70	Changes in fire regimes since the Last Glacial Maximum: an assessment based on a global synthesis and analysis of charcoal data. <i>Climate Dynamics</i> , 2008, 30, 887-907.	3.8	590
71	Climate versus human-driven fire regimes in Mediterranean landscapes: the Holocene record of Lago dell'Accesa (Tuscany, Italy). <i>Quaternary Science Reviews</i> , 2008, 27, 1181-1196.	3.0	205
72	Fire-vegetation interactions during the Mesolithic-Neolithic transition at Lago dell'Accesa, Tuscany, Italy. <i>Holocene</i> , 2008, 18, 679-692.	1.7	121

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73	Long-term interactions between Mediterranean climate, vegetation and fire regime at Lago di Massaciuccoli (Tuscany, Italy). <i>Journal of Ecology</i> , 2007, 95, 755-770.	4.0	134
74	Evoluzione dei bacini profondi del Mediterraneo documentata dalle variazioni nelle velocità di sedimentazione nel Plio-Pleistocene. <i>Rendiconti Lincei</i> , 1998, 9, 77-94.	2.2	1
75	The origin and spread of olive cultivation in the Mediterranean Basin: The fossil pollen evidence. , 0, .		1