

Michela Mariani

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

612
citations

566801

15
h-index

642321

23
g-index

32
all docs

32
docs citations

32
times ranked

785
citing authors

#	ARTICLE	IF	CITATIONS
1	Disruption of cultural burning promotes shrub encroachment and unprecedented wildfires. <i>Frontiers in Ecology and the Environment</i> , 2022, 20, 292-300.	1.9	46
2	A possible role for river restoration enhancing biodiversity through interaction with wildfire. <i>Global Ecology and Biogeography</i> , 2022, 31, 1990-2004.	2.7	4
3	Pollen and plant diversity relationships in a Mediterranean montane area. <i>Vegetation History and Archaeobotany</i> , 2021, 30, 583-594.	1.0	16
4	Coupled effects of climate teleconnections on drought, Santa Ana winds and wildfires in southern California. <i>Science of the Total Environment</i> , 2021, 765, 142788.	3.9	19
5	Long-term drivers of vegetation turnover in Southern Hemisphere temperate ecosystems. <i>Global Ecology and Biogeography</i> , 2021, 30, 557-571.	2.7	20
6	The influence of natural fire and cultural practices on island ecosystems: Insights from a 4,800-year record from Gran Canaria, Canary Islands. <i>Journal of Biogeography</i> , 2021, 48, 276-290.	1.4	7
7	Patterns of aeolian deposition in subtropical Australia through the last glacial and deglacial periods. <i>Quaternary Research</i> , 2021, 102, 68-90.	1.0	8
8	Catastrophic Bushfires, Indigenous Fire Knowledge and Reframing Science in Southeast Australia. <i>Fire</i> , 2021, 4, 61.	1.2	47
9	Spatio-temporal domains of wildfire-prone teleconnection patterns in the Western Mediterranean Basin. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094238.	1.5	10
10	Northward shift of the southern westerlies during the Antarctic Cold Reversal. <i>Quaternary Science Reviews</i> , 2021, 271, 107189.	1.4	9
11	The geomorphology and evolution of intermittently open and closed estuaries in large embayments in Victoria, Australia. <i>Geomorphology</i> , 2020, 350, 106892.	1.1	10
12	The role of species composition in the emergence of alternate vegetation states in a temperate rainforest system. <i>Landscape Ecology</i> , 2020, 35, 2275-2285.	1.9	7
13	Colonialism and the environment: The pollution legacy of the Southern Hemisphere's largest copper mine in the 20th century. <i>Infrastructure Asset Management</i> , 2020, , 205301962096813.	1.2	4
14	The impacts of intensive mining on terrestrial and aquatic ecosystems: A case of sediment pollution and calcium decline in cool temperate Tasmania, Australia. <i>Environmental Pollution</i> , 2020, 265, 114695.	3.7	22
15	Background concentrations of mercury in Australian freshwater sediments: The effect of catchment characteristics on mercury deposition. <i>Elementa</i> , 2020, 8, .	1.1	5
16	The influence of fine-scale topography on the impacts of Holocene fire in a Tasmanian montane landscape. <i>Journal of Quaternary Science</i> , 2019, 34, 491-498.	1.1	7
17	Reduced rainfall drives biomass limitation of long-term fire activity in Australia's subtropical sclerophyll forests. <i>Journal of Biogeography</i> , 2019, 46, 1974-1987.	1.4	14
18	Climate change reduces resilience to fire in subalpine rainforests. <i>Global Change Biology</i> , 2019, 25, 2030-2042.	4.2	27

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19	How significant is atmospheric metal contamination from mining activity adjacent to the Tasmanian Wilderness World Heritage Area? A spatial analysis of metal concentrations using air trajectories models. <i>Science of the Total Environment</i> , 2019, 656, 250-260.	3.9	19
20	The changing role of fire in conifer-dominated temperate rainforest through the last 14,000 years. <i>Quaternary Science Reviews</i> , 2018, 182, 37-47.	1.4	20
21	Invasive cordgrass (<i>Spartina</i> spp.) in southeastern Australia induces island formation, salt marsh development, and carbon storage. <i>Geographical Research</i> , 2018, 56, 80-91.	0.9	3
22	Centennial-scale trends in the Southern Annular Mode revealed by hemisphere-wide fire and hydroclimatic trends over the past 2400 years. <i>Geology</i> , 2018, 46, 363-366.	2.0	15
23	Biogeochemical Responses to Holocene Catchment-Lake Dynamics in the Tasmanian World Heritage Area, Australia. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2018, 123, 1610-1624.	1.3	9
24	Climate Change Amplifications of Climate-Fire Teleconnections in the Southern Hemisphere. <i>Geophysical Research Letters</i> , 2018, 45, 5071-5081.	1.5	53
25	Holocene Vegetation Dynamics and First Land-Cover Estimates in the Auvergne Mountains (Massif) Tj ETQq1 1 0.784314 rgBT /Overl... 179-190.	0.3	3
26	How old is the Tasmanian cultural landscape? A test of landscape openness using quantitative land-cover reconstructions. <i>Journal of Biogeography</i> , 2017, 44, 2410-2420.	1.4	30
27	Long-term climate dynamics in the extra-tropics of the South Pacific revealed from sedimentary charcoal analysis. <i>Quaternary Science Reviews</i> , 2017, 173, 181-192.	1.4	24
28	Coupling of the Intertropical Convergence Zone and Southern Hemisphere mid-latitude climate during the early to mid-Holocene. <i>Geology</i> , 2017, 45, 1083-1086.	2.0	13
29	Testing quantitative pollen dispersal models in animal-pollinated vegetation mosaics: An example from temperate Tasmania, Australia. <i>Quaternary Science Reviews</i> , 2016, 154, 214-225.	1.4	29
30	ENSO controls interannual fire activity in southeast Australia. <i>Geophysical Research Letters</i> , 2016, 43, 10,891.	1.5	59
31	The Southern Annular Mode determines interannual and centennial-scale fire activity in temperate southwest Tasmania, Australia. <i>Geophysical Research Letters</i> , 2016, 43, 1702-1709.	1.5	45
32	Scientific drilling of sediments at Darwin Crater, Tasmania. <i>Scientific Drilling</i> , 0, 25, 1-14.	1.0	8