

Olga Margalef

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,317
citations

471509

17
h-index

477307

29
g-index

32
all docs

32
docs citations

32
times ranked

2549
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Global patterns of phosphatase activity in natural soils. <i>Scientific Reports</i> , 2017, 7, 1337. | 3.3 | 296 |
| 2 | Plant invasion is associated with higher plantâ€‘soil nutrient concentrations in nutrientâ€‘poor environments. <i>Global Change Biology</i> , 2017, 23, 1282-1291. | 9.5 | 147 |
| 3 | Impacts of Global Change on Mediterranean Forests and Their Services. <i>Forests</i> , 2017, 8, 463. | 2.1 | 98 |
| 4 | Assessment of the impacts of climate change on Mediterranean terrestrial ecosystems based on data from field experiments and long-term monitored field gradients in Catalonia. <i>Environmental and Experimental Botany</i> , 2018, 152, 49-59. | 4.2 | 96 |
| 5 | Soil properties explain tree growth and mortality, but not biomass, across phosphorus-depleted tropical forests. <i>Scientific Reports</i> , 2020, 10, 2302. | 3.3 | 74 |
| 6 | Vegetation changes and human settlement of Easter Island during the last millennia: a multiproxy study of the Lake Raraku sediments. <i>Quaternary Science Reviews</i> , 2013, 72, 36-48. | 3.0 | 71 |
| 7 | The effect of global change on soil phosphatase activity. <i>Global Change Biology</i> , 2021, 27, 5989-6003. | 9.5 | 59 |
| 8 | Late Holocene vegetation dynamics and deforestation in Rano Aroi: Implications for Easter Island's ecological and cultural history. <i>Quaternary Science Reviews</i> , 2015, 126, 219-226. | 3.0 | 48 |
| 9 | Paleoecology of Easter Island: Evidence and uncertainties. <i>Earth-Science Reviews</i> , 2010, 99, 50-60. | 9.1 | 47 |
| 10 | A 70,000 year multiproxy record of climatic and environmental change from Rano Aroi peatland (Easter Island). <i>Global and Planetary Change</i> , 2013, 108, 72-84. | 3.5 | 45 |
| 11 | Challenging Easter Island's collapse: the need for interdisciplinary synergies. <i>Frontiers in Ecology and Evolution</i> , 2013, 1, . | 2.2 | 31 |
| 12 | Ecology of the collapse of Rapa Nui society. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200662. | 2.6 | 31 |
| 13 | Macrofossils in Raraku Lake (Easter Island) integrated with sedimentary and geochemical records: towards a palaeoecological synthesis for the last 34,000 years. <i>Quaternary Science Reviews</i> , 2012, 34, 113-126. | 3.0 | 30 |
| 14 | Environmental processes in Rano Aroi (Easter Island) peat geochemistry forced by climate variability during the last 70kyr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 414, 438-450. | 2.3 | 27 |
| 15 | CLAFS, a Holistic Climatic-Ecological-Anthropogenic Hypothesis on Easter Island's Deforestation and Cultural Change: Proposals and Testing Prospects. <i>Frontiers in Ecology and Evolution</i> , 0, 6, . | 2.2 | 24 |
| 16 | Climate change facilitated the early colonization of the Azores Archipelago during medieval times. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 22 |
| 17 | Three Millennia of Climatic, Ecological, and Cultural Change on Easter Island: An Integrative Overview. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, . | 2.2 | 18 |
| 18 | Nutrient scarcity strengthens soil fauna control over leaf litter decomposition in tropical rainforests. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191300. | 2.6 | 18 |

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|----|--|-----|-----------|
| 19 | High foliar K and P resorption efficiencies in old-growth tropical forests growing on nutrient-poor soils. <i>Ecology and Evolution</i> , 2021, 11, 8969-8982. | 1.9 | 18 |
| 20 | First records and potential palaeoecological significance of <i>Dianella</i> (Xanthorrhoeaceae), an extinct representative of the native flora of Rapa Nui (Easter Island). <i>Vegetation History and Archaeobotany</i> , 2014, 23, 331-338. | 2.1 | 15 |
| 21 | Vegetation dynamics at Raraku Lake catchment (Easter Island) during the past 34,000 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 446, 55-69. | 2.3 | 15 |
| 22 | A Continuous Palynological Record of Forest Clearing at Rano Kao (Easter Island, SE Pacific) During the Last Millennium: Preliminary Report. <i>Quaternary</i> , 2019, 2, 22. | 2.0 | 15 |
| 23 | Revisiting the role of high-energy Pacific events in the environmental and cultural history of Easter Island (Rapa Nui). <i>Geographical Journal</i> , 2018, 184, 310-322. | 3.1 | 14 |
| 24 | Sea spray influences water chemical composition of Mediterranean semi-natural springs. <i>Catena</i> , 2019, 173, 414-423. | 5.0 | 14 |
| 25 | Spatial Pattern and Environmental Drivers of Acid Phosphatase Activity in Europe. <i>Frontiers in Big Data</i> , 2019, 2, 51. | 2.9 | 11 |
| 26 | Decay of similarity across tropical forest communities: integrating spatial distance with soil nutrients. <i>Ecology</i> , 2022, 103, e03599. | 3.2 | 9 |
| 27 | The Role of Climate: 71 ka of Atmospheric Mercury Deposition in the Southern Hemisphere Recorded by Rano Aroi Mire, Easter Island (Chile). <i>Geosciences (Switzerland)</i> , 2018, 8, 374. | 2.2 | 8 |
| 28 | Soil nutrient variation along a shallow catena in Paracou, French Guiana. <i>Soil Research</i> , 2021, 59, 130. | 1.1 | 8 |
| 29 | Vertical profiles of leaf photosynthesis and leaf traits and soil nutrients in two tropical rainforests in French Guiana before and after a 3-year nitrogen and phosphorus addition experiment. <i>Earth System Science Data</i> , 2022, 14, 5-18. | 9.9 | 6 |
| 30 | Reply to Elias et al.: Multiproxy evidence of widespread landscape disturbance in multiple Azorean lakes before the Portuguese arrival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, . | 7.1 | 2 |