

Margarita Arianoutsou

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

6,603
citations

186265
28
h-index

110387
64
g-index

71
all docs

71
docs citations

71
times ranked

8737
citing authors

#	ARTICLE	IF	CITATIONS
1	No saturation in the accumulation of alien species worldwide. <i>Nature Communications</i> , 2017, 8, 14435.	12.8	1,543
2	Plant diversity in mediterranean-climate regions. <i>Trends in Ecology and Evolution</i> , 1996, 11, 362-366.	8.7	823
3	Landscape " wildfire interactions in southern Europe: Implications for landscape management. <i>Journal of Environmental Management</i> , 2011, 92, 2389-2402.	7.8	639
4	Disentangling the role of environmental and human pressures on biological invasions across Europe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12157-12162.	7.1	470
5	Global rise in emerging alien species results from increased accessibility of new source pools. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2264-E2273.	7.1	416
6	Plant extinctions and introductions lead to phylogenetic and taxonomic homogenization of the European flora. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21721-21725.	7.1	305
7	Fire-related traits for plant species of the Mediterranean Basin. <i>Ecology</i> , 2009, 90, 1420-1420.	3.2	217
8	Risk assessment, eradication, and biological control: global efforts to limit Australian acacia invasions. <i>Diversity and Distributions</i> , 2011, 17, 1030-1046.	4.1	165
9	On the relationships between forest fires and weather conditions in Greece from long-term national observations (1894-2010). <i>International Journal of Wildland Fire</i> , 2013, 22, 493.	2.4	142
10	Where did the fires burn in Peloponnisos, Greece the summer of 2007? Evidence for a synergy of fuel and weather. <i>Agricultural and Forest Meteorology</i> , 2012, 156, 41-53.	4.8	136
11	The alien flora of Greece: taxonomy, life traits and habitat preferences. <i>Biological Invasions</i> , 2010, 12, 3525-3549.	2.4	112
12	Variation in plant diversity in mediterranean climate ecosystems: the role of climatic and topographical stability. <i>Journal of Biogeography</i> , 2015, 42, 552-564.	3.0	104
13	Alien Vascular Plants of Europe. , 2009, , 43-61.		97
14	Self-organized criticality of wildfires ecologically revisited. <i>Ecological Modelling</i> , 2001, 141, 307-311.	2.5	80
15	European Alien Species Information Network (EASIN): supporting European policies and scientific research. <i>Management of Biological Invasions</i> , 2015, 6, 147-157.	1.2	77
16	Long-term post-fire vegetation dynamics in <i>Pinus halepensis</i> forests of Central Greece: A functional group approach. <i>Plant Ecology</i> , 2004, 171, 101-121.	1.6	76
17	Vegetation Composition in a Post-Fire Successional Gradient of <i>Pinus Halepensis</i> Forests in Attica, Greece. <i>International Journal of Wildland Fire</i> , 1996, 6, 83.	2.4	71
18	Legumes in the Fire-Prone Mediterranean Regions: an Example From Greece. <i>International Journal of Wildland Fire</i> , 1996, 6, 77.	2.4	66

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19	Wildfire Risk Assessment in a Typical Mediterranean Wildland-Urban Interface of Greece. <i>Environmental Management</i> , 2015, 55, 900-915.	2.7	56
20	Horizon scanning for invasive alien species with the potential to threaten biodiversity and human health on a Mediterranean island. <i>Biological Invasions</i> , 2019, 21, 2107-2125.	2.4	56
21	Monitoring land use/land cover transformations from 1945 to 2007 in two peri-urban mountainous areas of Athens metropolitan area, Greece. <i>Science of the Total Environment</i> , 2014, 490, 262-278.	8.0	54
22	Comparative Patterns of Plant Invasions in the Mediterranean Biome. <i>PLoS ONE</i> , 2013, 8, e79174.	2.5	50
23	Predicting wildfire spread and behaviour in Mediterranean landscapes. <i>International Journal of Wildland Fire</i> , 2016, 25, 1015.	2.4	50
24	Dendrochronology-based fire history of <i>Pinus nigra</i> forests in Mount Taygetos, Southern Greece. <i>Forest Ecology and Management</i> , 2013, 293, 132-139.	3.2	44
25	Tree growth-climate relationships in a forest-plot network on Mediterranean mountains. <i>Science of the Total Environment</i> , 2017, 598, 393-403.	8.0	40
26	Evaluating Post-Fire Forest Resilience Using GIS and Multi-Criteria Analysis: An Example from Cape Sounion National Park, Greece. <i>Environmental Management</i> , 2011, 47, 384-397.	2.7	39
27	Fire Ecology and Post-Fire Restoration Approaches in Southern European Forest Types. <i>Managing Forest Ecosystems</i> , 2012, , 93-119.	0.9	37
28	Functional Trait Variation Among and Within Species and Plant Functional Types in Mountainous Mediterranean Forests. <i>Frontiers in Plant Science</i> , 2020, 11, 212.	3.6	35
29	Vegetation and sand characteristics influencing nesting activity of <i>Caretta caretta</i> on Sekania beach. <i>Biological Conservation</i> , 2005, 121, 177-188.	4.1	32
30	Post-fire regeneration patterns of <i>Pinus nigra</i> in a recently burned area in Mount Taygetos, Southern Greece: The role of unburned forest patches. <i>Forest Ecology and Management</i> , 2014, 327, 148-156.	3.2	32
31	ELNAIS: A collaborative network on Aquatic Alien Species in Hellas (Greece). <i>Management of Biological Invasions</i> , 2015, 6, 185-196.	1.2	32
32	Comparing naturalized alien plants and recipient habitats across an east-west gradient in the Mediterranean Basin. <i>Journal of Biogeography</i> , 2010, 37, 1811-1823.	3.0	30
33	Factors shaping alien plant species richness spatial patterns across Natura 2000 Special Areas of Conservation of Greece. <i>Science of the Total Environment</i> , 2017, 601-602, 461-468.	8.0	30
34	Germination sensitivity to water stress in four shrubby species across the Mediterranean Basin. <i>Plant Biology</i> , 2017, 19, 23-31.	3.8	29
35	Alien plants of Europe: introduction pathways, gateways and time trends. <i>PeerJ</i> , 2021, 9, e11270.	2.0	28
36	Increasing extremes of heat and drought associated with recent severe wildfires in southern Greece. <i>Regional Environmental Change</i> , 2014, 14, 1257-1268.	2.9	26

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37	Influence of dust from a limestone quarry on chlorophyll degradation of the lichen <i>Physcia adscendens</i> (Fr.) Oliv.. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1993, 50, 852-5.	2.7	24
38	Reproductive biology of <i>Abies cephalonica</i> Loudon in Mount Aenos National Park, Cephalonia, Greece. <i>Trees - Structure and Function</i> , 2011, 25, 655-668.	1.9	24
39	Assessing the Impacts of Human Activities on Nesting of Loggerhead Sea-turtles (<i>Caretta</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.5	23
40	The EASIN Editorial Board: quality assurance, exchange and sharing of alien species information in Europe. <i>Management of Biological Invasions</i> , 2016, 7, 321-328.	1.2	23
41	Horizon Scanning to Predict and Prioritize Invasive Alien Species With the Potential to Threaten Human Health and Economies on Cyprus. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	21
42	Setting the Scene for Post-Fire Management. <i>Managing Forest Ecosystems</i> , 2012, , 1-19.	0.9	21
43	Fire-induced nutrient losses in a phryganic (East mediterranean) ecosystem. <i>International Journal of Biometeorology</i> , 1981, 25, 341-347.	3.0	20
44	Patterns of <i>Abies cephalonica</i> seedling recruitment in Mount Aenos National Park, Cephalonia, Greece. <i>Forest Ecology and Management</i> , 2009, 258, 1129-1136.	3.2	19
45	Assessing the impact of different landscape features on post-fire forest recovery with multitemporal remote sensing data: the case of Mount Taygetos (southern Greece). <i>International Journal of Wildland Fire</i> , 2019, 28, 521.	2.4	18
46	An integrated phenotypic trait-network in thermo-Mediterranean vegetation describing alternative, coexisting resource-use strategies. <i>Science of the Total Environment</i> , 2019, 672, 583-592.	8.0	18
47	Cellulose decomposition rates and soil arthropod community in a <i>Pinus halepensis</i> Mill. forest of Greece after a wildfire. <i>European Journal of Soil Biology</i> , 2000, 36, 57-64.	3.2	17
48	Predicting species dominance shifts across elevation gradients in mountain forests in Greece under a warmer and drier climate. <i>Regional Environmental Change</i> , 2017, 17, 1165-1177.	2.9	17
49	Mapping fire behaviour under changing climate in a Mediterranean landscape in Greece. <i>Regional Environmental Change</i> , 2016, 16, 1929-1940.	2.9	14
50	Simulating regeneration and vegetation dynamics in Mediterranean coniferous forests. <i>Ecological Modelling</i> , 2010, 221, 1494-1504.	2.5	12
51	Priority questions for biodiversity conservation in the Mediterranean biome: Heterogeneous perspectives across continents and stakeholders. <i>Conservation Science and Practice</i> , 2019, 1, e118.	2.0	11
52	Conservation Reasoning and Proposed Actions for the Protection of Threatened Plant Species: Insights From a Sample of Rural and Urban Children of Cyprus. <i>Society and Natural Resources</i> , 2012, 25, 868-882.	1.9	10
53	Management of Threatened, High Conservation Value, Forest Hotspots Under Changing Fire Regimes. <i>Managing Forest Ecosystems</i> , 2012, , 257-291.	0.9	8
54	Air pollution effects on Attica's natural ecosystems. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1985, 34, 280-284.	2.7	7

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55	A GIS-based integrated approach predicts accurately post-fire Aleppo pine regeneration at regional scale. <i>Annals of Forest Science</i> , 2012, 69, 519-529.	2.0	7
56	Understorey fuel load estimation along two post-fire chronosequences of <i>Pinus halepensis</i> Mill. forests in Central Greece. <i>Journal of Forest Research</i> , 2012, 17, 105-109.	1.4	7
57	Adaptive flammability syndromes in thermo-Mediterranean vegetation, captured by alternative resource-use strategies. <i>Science of the Total Environment</i> , 2020, 718, 137437.	8.0	7
58	How Effective Are the Protected Areas of the Natura 2000 Network in Halting Biological Invasions? A Case Study in Greece. <i>Plants</i> , 2021, 10, 2113.	3.5	7
59	Atmospheric deposition of nutrients in a coastal maquis ecosystem of northeastern Greece. <i>International Journal of Biometeorology</i> , 1989, 33, 124-130.	3.0	5
60	Exploring the past of Mavrovouni forest in the Pindus Mountain range (Greece) using tree rings of Bosnian pines. <i>Trees - Structure and Function</i> , 0, , 1.	1.9	5
61	Greek Students Research the Effects of Fire on the Soil System through Project-based Learning. <i>Journal of Biological Education</i> , 2016, 50, 304-319.	1.5	4
62	Mediterranean Pines – Adaptations to Fire. <i>Managing Forest Ecosystems</i> , 2021, , 457-480.	0.9	4
63	Land-use Changes and Landscape Dynamics in Western Crete. , 2005, , 81-93.		3
64	Soil moisture effects on cellulose decomposition in a Mediterranean ecosystem of Attica, Greece. <i>Israel Journal of Ecology and Evolution</i> , 2009, 55, 63-76.	0.6	2
65	Effects of Fire History Upon Soil Macroarthropod Communities in <i>Pinus Halepensis</i> Stands in Attica, Greece. <i>Israel Journal of Ecology and Evolution</i> , 2010, 56, 165-179.	0.6	2
66	Long-term post-fire evolution of understorey biomass in <i>Pinus halepensis</i> Mill. forests of Central Greece. <i>Forest Ecology and Management</i> , 2006, 234, S175.	3.2	1
67	Ecosystem Services Provided by Pine Forests. <i>Managing Forest Ecosystems</i> , 2021, , 617-629.	0.9	1
68	What to do after fire? The contribution of the PHOENIX Project Centre to post-fire management. <i>Forest Ecology and Management</i> , 2006, 234, S246.	3.2	0