

Juli G Pausas

List of Publications by Year in descending order

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Version: 2024-02-01

199
papers

28,642
citations

8755

75
h-index

5988

160
g-index

204
all docs

204
docs citations

204
times ranked

21757
citing authors

#	ARTICLE	IF	CITATIONS
1	A handbook of protocols for standardised and easy measurement of plant functional traits worldwide. <i>Australian Journal of Botany</i> , 2003, 51, 335.	0.6	3,071
2	New handbook for standardised measurement of plant functional traits worldwide. <i>Australian Journal of Botany</i> , 2013, 61, 167.	0.6	2,818
3	TRY “ a global database of plant traits. <i>Global Change Biology</i> , 2011, 17, 2905-2935.	9.5	2,002
4	TRY plant trait database “ enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
5	A Burning Story: The Role of Fire in the History of Life. <i>BioScience</i> , 2009, 59, 593-601.	4.9	749
6	Fire as an evolutionary pressure shaping plant traits. <i>Trends in Plant Science</i> , 2011, 16, 406-411.	8.8	735
7	Changes in Fire and Climate in the Eastern Iberian Peninsula (Mediterranean Basin). <i>Climatic Change</i> , 2004, 63, 337-350.	3.6	624
8	Are wildfires a disaster in the Mediterranean basin? - A review. <i>International Journal of Wildland Fire</i> , 2008, 17, 713.	2.4	602
9	Fire regime changes in the Western Mediterranean Basin: from fuel-limited to drought-driven fire regime. <i>Climatic Change</i> , 2012, 110, 215-226.	3.6	566
10	PLANT FUNCTIONAL TRAITS IN RELATION TO FIRE IN CROWN-FIRE ECOSYSTEMS. <i>Ecology</i> , 2004, 85, 1085-1100.	3.2	539
11	Patterns of plant species richness in relation to different environments: An appraisal. <i>Journal of Vegetation Science</i> , 2001, 12, 153-166.	2.2	419
12	Evolutionary ecology of resprouting and seeding in fire-prone ecosystems. <i>New Phytologist</i> , 2014, 204, 55-65.	7.3	380
13	Mediterranean cork oak savannas require human use to sustain biodiversity and ecosystem services. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 278-286.	4.0	370
14	Corrigendum to: New handbook for standardised measurement of plant functional traits worldwide. <i>Australian Journal of Botany</i> , 2016, 64, 715.	0.6	361
15	Pines and oaks in the restoration of Mediterranean landscapes of Spain: New perspectives for an old practice “ a review. <i>Plant Ecology</i> , 2004, 171, 209-220.	1.6	322
16	Fire as a fundamental ecological process: Research advances and frontiers. <i>Journal of Ecology</i> , 2020, 108, 2047-2069.	4.0	281
17	Bark thickness and fire regime. <i>Functional Ecology</i> , 2015, 29, 315-327.	3.6	273
18	Wildfire management in Mediterranean-type regions: paradigm change needed. <i>Environmental Research Letters</i> , 2020, 15, 011001.	5.2	267

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19	The global fire-productivity relationship. <i>Global Ecology and Biogeography</i> , 2013, 22, 728-736.	5.8	265
20	Fire as a key driver of Earth's biodiversity. <i>Biological Reviews</i> , 2019, 94, 1983-2010.	10.4	263
21	Fuel shapes the fire-climate relationship: evidence from Mediterranean ecosystems. <i>Global Ecology and Biogeography</i> , 2012, 21, 1074-1082.	5.8	261
22	Unearthing belowground bud banks in fire-prone ecosystems. <i>New Phytologist</i> , 2018, 217, 1435-1448.	7.3	257
23	Fire and biodiversity in the Anthropocene. <i>Science</i> , 2020, 370, .	12.6	240
24	Plant Functional Types: Are We Getting Any Closer to the Holy Grail?. , 2007, , 149-164.		237
25	Coefficient shifts in geographical ecology: an empirical evaluation of spatial and non-spatial regression. <i>Ecography</i> , 2009, 32, 193-204.	4.5	231
26	Fire-adapted traits of <i>Pinus</i> arose in the fiery Cretaceous. <i>New Phytologist</i> , 2012, 194, 751-759.	7.3	225
27	Fire-related traits for plant species of the Mediterranean Basin. <i>Ecology</i> , 2009, 90, 1420-1420.	3.2	217
28	Fire persistence traits of plants along a productivity and disturbance gradient in mediterranean shrublands of south-east Australia. <i>Global Ecology and Biogeography</i> , 2007, 16, 330-340.	5.8	202
29	Wildfires as an ecosystem service. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 289-295.	4.0	199
30	Biological and geophysical feedbacks with fire in the Earth system. <i>Environmental Research Letters</i> , 2018, 13, 033003.	5.2	198
31	Towards understanding resprouting at the global scale. <i>New Phytologist</i> , 2016, 209, 945-954.	7.3	197
32	Flammability as an ecological and evolutionary driver. <i>Journal of Ecology</i> , 2017, 105, 289-297.	4.0	196
33	Response of plant functional types to changes in the fire regime in Mediterranean ecosystems: A simulation approach. <i>Journal of Vegetation Science</i> , 1999, 10, 717-722.	2.2	188
34	Comment on "The global tree restoration potential". <i>Science</i> , 2019, 366, .	12.6	185
35	Disentangling the role of heat and smoke as germination cues in Mediterranean Basin flora. <i>Annals of Botany</i> , 2010, 105, 627-635.	2.9	184
36	Disturbance maintains alternative biome states. <i>Ecology Letters</i> , 2016, 19, 12-19.	6.4	181

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37	Patterns of tree species richness in relation to environment in southeastern New South Wales, Australia. <i>Austral Ecology</i> , 1996, 21, 154-164.	1.5	176
38	Fire drives phylogenetic clustering in Mediterranean Basin woody plant communities. <i>Journal of Ecology</i> , 2007, 95, 1316-1323.	4.0	173
39	Fire drives functional thresholds on the savanna–forest transition. <i>Ecology</i> , 2013, 94, 2454-2463.	3.2	170
40	Species richness and cover along a 60-year chronosequence in old-fields of southeastern Spain. <i>Plant Ecology</i> , 2004, 174, 257-270.	1.6	165
41	The role of fire in European Mediterranean ecosystems. , 1999, , 3-16.		160
42	The Jungle of Methods for Evaluating Phenotypic and Phylogenetic Structure of Communities. <i>BioScience</i> , 2010, 60, 614-625.	4.9	154
43	Wildfires and global change. <i>Frontiers in Ecology and the Environment</i> , 2021, 19, 387-395.	4.0	153
44	Mediterranean vegetation dynamics: modelling problems and functional types. , 1999, 140, 27-39.		147
45	Towards an understanding of the evolutionary role of fire in animals. <i>Evolutionary Ecology</i> , 2018, 32, 113-125.	1.2	147
46	Resprouting of <i>Quercus suberin</i> NE Spain after fire. <i>Journal of Vegetation Science</i> , 1997, 8, 703-706.	2.2	143
47	A GLOBAL EVALUATION OF METABOLIC THEORY AS AN EXPLANATION FOR TERRESTRIAL SPECIES RICHNESS GRADIENTS. <i>Ecology</i> , 2007, 88, 1877-1888.	3.2	139
48	Abrupt Climate-Independent Fire Regime Changes. <i>Ecosystems</i> , 2014, 17, 1109-1120.	3.4	139
49	Fire severity and seedling establishment in <i>Pinus halepensis</i> woodlands, eastern Iberian Peninsula. <i>Plant Ecology</i> , 2003, 169, 205-213.	1.6	135
50	Plant persistence traits in fire-prone ecosystems of the Mediterranean basin: a phylogenetic approach. <i>Oikos</i> , 2005, 109, 196-202.	2.7	133
51	Title is missing!. <i>Plant Ecology</i> , 2003, 167, 223-235.	1.6	125
52	Burning seeds: germinative response to heat treatments in relation to resprouting ability. <i>Journal of Ecology</i> , 2008, 96, 543-552.	4.0	125
53	Morphological traits and water use strategies in seedlings of Mediterranean coexisting species. <i>Plant Ecology</i> , 2010, 207, 233-244.	1.6	125
54	Post-fire tree mortality in mixed forests of central Portugal. <i>Forest Ecology and Management</i> , 2010, 260, 1184-1192.	3.2	122

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55	Post-fire regeneration variability of <i>Pinus halepensis</i> in the eastern Iberian Peninsula. <i>Forest Ecology and Management</i> , 2004, 203, 251-259.	3.2	117
56	Acorn dispersal estimated by radio-tracking. <i>Oecologia</i> , 2007, 153, 903-911.	2.0	114
57	Evolutionary fire ecology: lessons learned from pines. <i>Trends in Plant Science</i> , 2015, 20, 318-324.	8.8	112
58	Epicormic Resprouting in Fire-Prone Ecosystems. <i>Trends in Plant Science</i> , 2017, 22, 1008-1015.	8.8	112
59	FIRE REDUCES MORPHOSPACE OCCUPATION IN PLANT COMMUNITIES. <i>Ecology</i> , 2008, 89, 2181-2186.	3.2	109
60	Humboldt and the reinvention of nature. <i>Journal of Ecology</i> , 2019, 107, 1031-1037.	4.0	109
61	A functional trait database for Mediterranean Basin plants. <i>Scientific Data</i> , 2018, 5, 180135.	5.3	109
62	Species richness patterns in the understorey of Pyrenean <i>Pinus sylvestris</i> forest. <i>Journal of Vegetation Science</i> , 1994, 5, 517-524.	2.2	107
63	Fires enhance flammability in <i>Ulex parviflorus</i> . <i>New Phytologist</i> , 2012, 193, 18-23.	7.3	107
64	A hierarchical deductive approach for functional types in disturbed ecosystems. <i>Journal of Vegetation Science</i> , 2003, 14, 409-416.	2.2	106
65	Tanned or Burned: The Role of Fire in Shaping Physical Seed Dormancy. <i>PLoS ONE</i> , 2012, 7, e51523.	2.5	104
66	Alternative Biome States in Terrestrial Ecosystems. <i>Trends in Plant Science</i> , 2020, 25, 250-263.	8.8	103
67	Post-fire regeneration patterns in the eastern Iberian Peninsula. <i>Acta Oecologica</i> , 1999, 20, 499-508.	1.1	99
68	To resprout or not to resprout: factors driving intraspecific variability in resprouting. <i>Oikos</i> , 2012, 121, 1577-1584.	2.7	95
69	Fire and plant diversity at the global scale. <i>Global Ecology and Biogeography</i> , 2017, 26, 889-897.	5.8	95
70	The role of the perch effect on the nucleation process in Mediterranean semi-arid oldfields. <i>Acta Oecologica</i> , 2006, 29, 346-352.	1.1	94
71	The lanky and the corky: fire-escape strategies in savanna woody species. <i>Journal of Ecology</i> , 2013, 101, 1265-1272.	4.0	94
72	Physiological differences explain the coexistence of different regeneration strategies in Mediterranean ecosystems. <i>New Phytologist</i> , 2014, 201, 1277-1288.	7.3	90

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73	Global root traits (GRooT) database. <i>Global Ecology and Biogeography</i> , 2021, 30, 25-37.	5.8	90
74	Fire structures pine serotiny at different scales. <i>American Journal of Botany</i> , 2013, 100, 2349-2356.	1.7	89
75	Coarse-scale plant species richness in relation to environmental heterogeneity. <i>Journal of Vegetation Science</i> , 2003, 14, 661-668.	2.2	88
76	Fuel loading and flammability in the Mediterranean Basin woody species with different post-fire regenerative strategies. <i>International Journal of Wildland Fire</i> , 2010, 19, 783.	2.4	88
77	Oak regeneration in heterogeneous landscapes: The case of fragmented <i>Quercus suber</i> forests in the eastern Iberian Peninsula. <i>Forest Ecology and Management</i> , 2006, 231, 196-204.	3.2	86
78	Root traits explain different foraging strategies between resprouting life histories. <i>Oecologia</i> , 2011, 165, 321-331.	2.0	85
79	Holocene fire activity and vegetation response in South-Eastern Iberia. <i>Quaternary Science Reviews</i> , 2010, 29, 1082-1092.	3.0	83
80	Fire and Plant Diversification in Mediterranean-Climate Regions. <i>Frontiers in Plant Science</i> , 2018, 9, 851.	3.6	81
81	Handbook of standardized protocols for collecting plant modularity traits. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2019, 40, 125-185.	2.7	81
82	A global synthesis of fire effects on pollinators. <i>Global Ecology and Biogeography</i> , 2019, 28, 1487-1498.	5.8	81
83	Functional trait effects on ecosystem stability: assembling the jigsaw puzzle. <i>Trends in Ecology and Evolution</i> , 2021, 36, 822-836.	8.7	81
84	Inferring differential evolutionary processes of plant persistence traits in Northern Hemisphere Mediterranean fire-prone ecosystems. <i>Journal of Ecology</i> , 2006, 94, 31-39.	4.0	77
85	Leaf traits and resprouting ability in the Mediterranean basin. <i>Functional Ecology</i> , 2006, 20, 941-947.	3.6	76
86	Rodent acorn selection in a Mediterranean oak landscape. <i>Ecological Research</i> , 2007, 22, 535-541.	1.5	75
87	Global patterns in fire leverage: the response of annual area burnt to previous fire. <i>International Journal of Wildland Fire</i> , 2015, 24, 297.	2.4	72
88	<i>In situ</i> genetic association for serotiny, a fire-related trait, in Mediterranean maritime pine (<i>Pinus pinaster</i>). <i>New Phytologist</i> , 2014, 201, 230-241.	7.3	69
89	Socioeconomic Factors Drive Fire-Regime Variability in the Mediterranean Basin. <i>Ecosystems</i> , 2018, 21, 619-628.	3.4	69
90	Generalized fire response strategies in plants and animals. <i>Oikos</i> , 2019, 128, 147-153.	2.7	66

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91	Resprouting vs seeding - a Mediterranean perspective. <i>Oikos</i> , 2001, 94, 193-194.	2.7	65
92	Plant Functional Types in relation to disturbance and land use: Introduction. <i>Journal of Vegetation Science</i> , 2003, 14, 307-310.	2.2	62
93	Simulating Mediterranean landscape pattern and vegetation dynamics under different fire regimes. <i>Plant Ecology</i> , 2006, 187, 249-259.	1.6	62
94	Not only size matters: Acorn selection by the European jay (<i>Garrulus glandarius</i>). <i>Acta Oecologica</i> , 2007, 31, 353-360.	1.1	61
95	First insights into the transcriptome and development of new genomic tools of a widespread circum-Mediterranean tree species, <i>Pinus halepensis</i> Mill. <i>Molecular Ecology Resources</i> , 2014, 14, 846-856.	4.8	61
96	Local versus regional intraspecific variability in regeneration traits. <i>Oecologia</i> , 2012, 168, 671-677.	2.0	60
97	Secondary compounds enhance flammability in a Mediterranean plant. <i>Oecologia</i> , 2016, 180, 103-110.	2.0	60
98	Fire as a Selective Agent for both Serotiny and Nonserotiny Over Space and Time. <i>Critical Reviews in Plant Sciences</i> , 2020, 39, 140-172.	5.7	59
99	Flammability as a biological concept. <i>New Phytologist</i> , 2012, 194, 610-613.	7.3	58
100	On Plant Modularity Traits: Functions and Challenges. <i>Trends in Plant Science</i> , 2017, 22, 648-651.	8.8	57
101	Litter fall and litter decomposition in <i>Pinus sylvestris</i> forests of the eastern Pyrenees. <i>Journal of Vegetation Science</i> , 1997, 8, 643-650.	2.2	55
102	Cork Oak Vulnerability to Fire: The Role of Bark Harvesting, Tree Characteristics and Abiotic Factors. <i>PLoS ONE</i> , 2012, 7, e39810.	2.5	55
103	Coupling a water balance model with forest inventory data to predict drought stress: the role of forest structural changes vs. climate changes. <i>Agricultural and Forest Meteorology</i> , 2015, 213, 77-90.	4.8	55
104	Amounts of litter fall in some pine forests in a European transect, in particular Scots pine. <i>Annales Des Sciences Forestières</i> , 1999, 56, 625-639.	1.2	55
105	Fire severity as a key factor in post-fire regeneration of <i>Pinus pinaster</i> (Ait.) in Central Portugal. <i>Annals of Forest Science</i> , 2012, 69, 489-498.	2.0	53
106	Distinguishing disturbance from perturbations in fire-prone ecosystems. <i>International Journal of Wildland Fire</i> , 2019, 28, 282.	2.4	53
107	Greening and Browning in a Climate Change Hotspot: The Mediterranean Basin. <i>BioScience</i> , 2019, 69, 143-151.	4.9	52
108	Successional trends in standing dead biomass in Mediterranean basin species. <i>Journal of Vegetation Science</i> , 2011, 22, 467-474.	2.2	51

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109	The effect of landscape pattern on Mediterranean vegetation dynamics: A modelling approach using functional types. <i>Journal of Vegetation Science</i> , 2003, 14, 365-374.	2.2	49
110	Does plant richness influence animal richness?: the mammals of Catalonia (NE Spain). <i>Diversity and Distributions</i> , 2004, 10, 247-252.	4.1	48
111	Soil shapes community structure through fire. <i>Oecologia</i> , 2010, 163, 729-735.	2.0	48
112	Lignotubers in Mediterranean basin plants. <i>Plant Ecology</i> , 2016, 217, 661-676.	1.6	48
113	On the Three Major Recycling Pathways in Terrestrial Ecosystems. <i>Trends in Ecology and Evolution</i> , 2020, 35, 767-775.	8.7	48
114	The role of fire in structuring trait variability in Neotropical savannas. <i>Oecologia</i> , 2013, 171, 487-494.	2.0	47
115	Heritability and quantitative genetic divergence of serotiny, a fire-persistence plant trait. <i>Annals of Botany</i> , 2014, 114, 571-577.	2.9	45
116	African geoxyles evolved in response to fire; frost came later. <i>Evolutionary Ecology</i> , 2017, 31, 603-617.	1.2	44
117	Modelling habitat quality for arboreal marsupials in the South Coastal forests of New South Wales, Australia. <i>Forest Ecology and Management</i> , 1995, 78, 39-49.	3.2	43
118	Fire regime and post-fire Normalized Difference Vegetation Index changes in the eastern Iberian peninsula (Mediterranean basin). <i>International Journal of Wildland Fire</i> , 2006, 15, 407.	2.4	43
119	BURNING PHYLOGENIES: FIRE, MOLECULAR EVOLUTIONARY RATES, AND DIVERSIFICATION. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 2195-2204.	2.3	43
120	Alternative fire-driven vegetation states. <i>Journal of Vegetation Science</i> , 2015, 26, 4-6.	2.2	43
121	SYNDROME-DRIVEN DIVERSIFICATION IN A MEDITERRANEAN ECOSYSTEM. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 1756-1766.	2.3	42
122	Post-fire response variability in Mediterranean Basin tree species in Portugal. <i>International Journal of Wildland Fire</i> , 2013, 22, 919.	2.4	42
123	Bark thickness and fire regime: another twist. <i>New Phytologist</i> , 2017, 213, 13-15.	7.3	41
124	Pteridophyte richness in the NE Iberian Peninsula: biogeographic patterns. , 2000, 148, 195-205.		40
125	A FOREST SIMULATION MODEL FOR PREDICTING EUCALYPT DYNAMICS AND HABITAT QUALITY FOR ARBOREAL MARSUPIALS. , 1997, 7, 921-933.		39
126	Field heritability of a plant adaptation to fire in heterogeneous landscapes. <i>Molecular Ecology</i> , 2015, 24, 5633-5642.	3.9	39

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127	Global change and Mediterranean forests: current impacts and potential responses. , 2014, , 47-76.		37
128	Post-fire regeneration strategies in a frequently burned Cerrado community. Journal of Vegetation Science, 2021, 32, .	2.2	37
129	Fire-released seed dormancy –a global synthesis. Biological Reviews, 2022, 97, 1612-1639.	10.4	37
130	What do you mean, “megafire”? Global Ecology and Biogeography, 2022, 31, 1906-1922.	5.8	37
131	Regeneration of a marginal <i>Quercus suber</i> forest in the eastern Iberian Peninsula. Journal of Vegetation Science, 2006, 17, 729-738.	2.2	36
132	Genetic component of flammability variation in a Mediterranean shrub. Molecular Ecology, 2014, 23, 1213-1223.	3.9	36
133	Simulating the effects of different disturbance regimes on <i>Cortaderia selloana</i> invasion. Biological Conservation, 2006, 128, 128-135.	4.1	35
134	Anthropogenic fires increase alien and native annual species in the Chilean coastal matorral. Diversity and Distributions, 2011, 17, 58-67.	4.1	35
135	Spatial and temporal patterns of plant functional types under simulated fire regimes. International Journal of Wildland Fire, 2007, 16, 484.	2.4	34
136	Modelling jay (<i>Garrulus glandarius</i>) abundance and distribution for oak regeneration assessment in Mediterranean landscapes. Forest Ecology and Management, 2008, 256, 578-584.	3.2	34
137	Leaf physiological traits in relation to resprouter ability in the Mediterranean Basin. Plant Ecology, 2011, 212, 1959-1966.	1.6	34
138	Toward a Generalizable Framework of Disturbance Ecology Through Crowdsourced Science. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	34
139	Understanding and modelling wildfire regimes: an ecological perspective. Environmental Research Letters, 2021, 16, 125008.	5.2	34
140	Fire and legume germination in a tropical savanna: ecological and historical factors. Annals of Botany, 2019, 123, 1219-1229.	2.9	33
141	Afforestation falls short as a biodiversity strategy. Science, 2020, 368, 1439-1439.	12.6	33
142	Does hairiness matter in Harare? Resolving controversy in global comparisons of plant trait responses to ecosystem disturbance. New Phytologist, 2002, 154, 7-9.	7.3	32
143	Scale matters: fire-vegetation feedbacks are needed to explain tropical tree cover at the local scale. Global Ecology and Biogeography, 2017, 26, 395-399.	5.8	30
144	Effect of fire-derived chemicals on germination and seedling growth in Mediterranean plant species. Basic and Applied Ecology, 2018, 30, 65-75.	2.7	30

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145	The effect of bedrock type, temperature and moisture on species richness of Pyrenean Scots pine (<i>Pinus sylvestris</i> L.) forests. <i>Plant Ecology</i> , 1995, 116, 85-92.	1.2	28
146	Modelling the response of eucalypts to fire, Brindabella Ranges, ACT. <i>Austral Ecology</i> , 1996, 21, 341-344.	1.5	27
147	LUCAS: an original tool for landscape modelling. <i>Environmental Modelling and Software</i> , 2003, 18, 429-437.	4.5	27
148	Increased fire frequency promotes stronger spatial genetic structure and natural selection at regional and local scales in <i>Pinus halepensis</i> Mill. <i>Annals of Botany</i> , 2017, 119, 1061-1072.	2.9	27
149	Field evidence of smoke-stimulated seedling emergence and establishment in Mediterranean Basin flora. <i>Journal of Vegetation Science</i> , 2014, 25, 771-777.	2.2	26
150	Shedding light through the smoke on the germination of Mediterranean Basin flora. <i>South African Journal of Botany</i> , 2018, 115, 244-250.	2.5	25
151	Ecology and biogeography in 3D: The case of the Australian Proteaceae. <i>Journal of Biogeography</i> , 2018, 45, 1469-1477.	3.0	23
152	Megafauna biogeography explains plant functional trait variability in the tropics. <i>Global Ecology and Biogeography</i> , 2020, 29, 1288-1298.	5.8	23
153	Postfire responses of the woody flora of Central Chile: Insights from a germination experiment. <i>PLoS ONE</i> , 2017, 12, e0180661.	2.5	22
154	Molecular evidence for host-parasite co-speciation between lizards and <i>Schellackia</i> parasites. <i>International Journal for Parasitology</i> , 2018, 48, 709-718.	3.1	21
155	Feedbacks in ecology and evolution. <i>Trends in Ecology and Evolution</i> , 2022, 37, 637-644.	8.7	21
156	The coexistence of acorns with different maturation patterns explains acorn production variability in cork oak. <i>Oecologia</i> , 2012, 169, 723-731.	2.0	20
157	Grasses and fire: the importance of hiding buds. <i>New Phytologist</i> , 2020, 226, 957-959.	7.3	20
158	Resource availability shapes fire-filtered savannas. <i>Journal of Vegetation Science</i> , 2015, 26, 395-403.	2.2	19
159	Alternative biome states challenge the modelling of species' niche shifts under climate change. <i>Journal of Ecology</i> , 2021, 109, 3962-3971.	4.0	18
160	Differential pollinator response underlies plant reproductive resilience after fires. <i>Annals of Botany</i> , 2018, 122, 961-971.	2.9	17
161	Wildfires: Opportunity for restoration?. <i>Science</i> , 2019, 363, 134-135.	12.6	17
162	Fire-driven behavioral response to smoke in a Mediterranean lizard. <i>Behavioral Ecology</i> , 2021, 32, 662-667.	2.2	17

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163	Fire benefits flower beetles in a Mediterranean ecosystem. <i>PLoS ONE</i> , 2018, 13, e0198951.	2.5	16
164	Post-Fire Management of Cork Oak Forests. <i>Managing Forest Ecosystems</i> , 2012, , 195-222.	0.9	16
165	The legacy of the extinct Neotropical megafauna on plants and biomes. <i>Nature Communications</i> , 2022, 13, 129.	12.8	16
166	Tree planting goals must account for wildfires. <i>Science</i> , 2022, 376, 588-589.	12.6	15
167	Bridging the Divide: Integrating Animal and Plant Paradigms to Secure the Future of Biodiversity in Fire-Prone Ecosystems. <i>Fire</i> , 2018, 1, 29.	2.8	13
168	Fire Recurrence and the Dynamics of the Enhanced Vegetation Index in a Mediterranean Ecosystem. <i>International Journal of Applied Geospatial Research</i> , 2015, 6, 18-35.	0.3	13
169	Environmental policies to cope with novel disturbance regimesâ€“steps to address a world scientistsâ€™ warning to humanity. <i>Environmental Research Letters</i> , 2021, 16, 021003.	5.2	12
170	Resilience of reptiles to megafires. <i>Ecological Applications</i> , 2022, 32, e2518.	3.8	12
171	Long-term Restoration Strategies and Techniques. , 2009, , 373-398.		11
172	Landscape analysis and simulation shell (Lass). <i>Environmental Modelling and Software</i> , 2006, 21, 629-639.	4.5	10
173	Combinatorial functional diversity: an information theoretical approach. <i>Community Ecology</i> , 2013, 14, 180-188.	0.9	10
174	Cross-regional modelling of fire occurrence in the Alps and the Mediterranean Basin. <i>International Journal of Wildland Fire</i> , 2020, 29, 712.	2.4	10
175	Effects of Climate and Extreme Events on Wildfire Regime and Their Ecological Impacts. <i>Advances in Global Change Research</i> , 2013, , 101-134.	1.6	9
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