

Julian Di Stefano

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,497
citations

279701

23
h-index

360920

35
g-index

69
all docs

69
docs citations

69
times ranked

1458
citing authors

#	ARTICLE	IF	CITATIONS
1	How much power is enough? Against the development of an arbitrary convention for statistical power calculations. <i>Functional Ecology</i> , 2003, 17, 707-709.	1.7	117
2	A confidence interval approach to data analysis. <i>Forest Ecology and Management</i> , 2004, 187, 173-183.	1.4	88
3	Responses of invasive predators and native prey to a prescribed forest fire. <i>Journal of Mammalogy</i> , 2017, 98, 835-847.	0.6	78
4	Energy efficiency and the environment: the potential for energy efficient lighting to save energy and reduce carbon dioxide emissions at Melbourne University, Australia. <i>Energy</i> , 2000, 25, 823-839.	4.5	67
5	Defining vegetation age class distributions for multispecies conservation in fire-prone landscapes. <i>Biological Conservation</i> , 2013, 166, 111-117.	1.9	59
6	Predicting faunal fire responses in heterogeneous landscapes: the role of habitat structure. <i>Ecological Applications</i> , 2015, 25, 2293-2305.	1.8	57
7	Soft-release versus hard-release for reintroduction of an endangered species: an experimental comparison using eastern barred bandicoots (<i>Perameles gunnii</i>). <i>Wildlife Research</i> , 2016, 43, 1.	0.7	55
8	Power analysis and sustainable forest management. <i>Forest Ecology and Management</i> , 2001, 154, 141-153.	1.4	53
9	Avian responses to the diversity and configuration of fire age classes and vegetation types across a rainfall gradient. <i>Forest Ecology and Management</i> , 2014, 318, 13-20.	1.4	44
10	Habitat selection by the swamp wallaby (<i>Wallabia bicolor</i>) in relation to diel period, food and shelter. <i>Austral Ecology</i> , 2009, 34, 143-155.	0.7	41
11	Bird functional diversity decreases with time since disturbance: Does patchy prescribed fire enhance ecosystem function?. <i>Ecological Applications</i> , 2016, 26, 115-127.	1.8	38
12	Diet Selection by the Swamp Wallaby (<i>Wallabia bicolor</i>): Feeding Strategies under Conditions of Changed Food Availability. <i>Journal of Mammalogy</i> , 2008, 89, 1540-1549.	0.6	36
13	Fire affects microhabitat selection, movement patterns, and body condition of an Australian rodent (<i>Thomomys</i>). <i>Journal of Mammalogy</i> , 2017, 98, 835-847.	0.6	36
14	Fire regimes and environmental gradients shape vertebrate and plant distributions in temperate eucalypt forests. <i>Ecosphere</i> , 2017, 8, e01781.	1.0	36
15	Human-modified habitats facilitate forest-dwelling populations of an invasive predator, <i>Vulpes vulpes</i> . <i>Scientific Reports</i> , 2017, 7, 12291.	1.6	35
16	Associations between occupancy and habitat structure can predict avian responses to disturbance: Implications for conservation management. <i>Forest Ecology and Management</i> , 2014, 331, 227-236.	1.4	34
17	How do heterogeneity in vegetation types and post-fire age-classes contribute to plant diversity at the landscape scale?. <i>Forest Ecology and Management</i> , 2015, 346, 22-30.	1.4	33
18	Edge effects in fire-prone landscapes: Ecological importance and implications for fauna. <i>Ecology and Evolution</i> , 2018, 8, 5937-5948.	0.8	33

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19	Bayesian networks elucidate interactions between fire and other drivers of terrestrial fauna distributions. <i>Ecosphere</i> , 2017, 8, e01926.	1.0	32
20	Bird diversity increases after patchy prescribed fire: implications from a before–after control–impact study. <i>International Journal of Wildland Fire</i> , 2015, 24, 690.	1.0	31
21	Detecting mammals in heterogeneous landscapes: implications for biodiversity monitoring and management. <i>Biodiversity and Conservation</i> , 2014, 23, 343-355.	1.2	28
22	Biotelemetry marches on: A cost-effective GPS device for monitoring terrestrial wildlife. <i>PLoS ONE</i> , 2018, 13, e0199617.	1.1	27
23	Resource heterogeneity influences home range area in the swamp wallaby <i>Wallabia bicolor</i> . <i>Ecography</i> , 2011, 34, 469-479.	2.1	26
24	Opposing Responses of Bird Functional Diversity to Vegetation Structural Diversity in Wet and Dry Forest. <i>PLoS ONE</i> , 2016, 11, e0164917.	1.1	23
25	Contrasting responses of small mammals to fire and topographic refugia. <i>Austral Ecology</i> , 2016, 41, 437-445.	0.7	21
26	Mammal functional diversity increases with vegetation structural complexity in two forest types. <i>Forest Ecology and Management</i> , 2019, 433, 85-92.	1.4	21
27	Habitat use of a critically endangered species in a predator-free but degraded reserve in Australia. <i>Wildlife Biology</i> , 2013, 19, 429-438.	0.6	19
28	Integrating functional connectivity and fire management for better conservation outcomes. <i>Conservation Biology</i> , 2020, 34, 550-560.	2.4	19
29	Mammalian browsing damage in the Mt. Cole State forest, southeastern Australia: analysis of browsing patterns, spatial relationships and browse selection. <i>New Forests</i> , 2005, 29, 43-61.	0.7	18
30	River red gum (<i>Eucalyptus camaldulensis</i>): a review of ecosystem processes, seedling regeneration and silvicultural practice. <i>Australian Forestry</i> , 2002, 65, 14-22.	0.3	16
31	Interactions between timber harvesting and swamp wallabies (<i>Wallabia bicolor</i>): Space use, density and browsing impact. <i>Forest Ecology and Management</i> , 2007, 253, 128-137.	1.4	15
32	Inter- and intraspecific effects of body size on habitat use among sexually dimorphic macropodids. <i>Oikos</i> , 2014, 123, 984-992.	1.2	15
33	The importance of ecological research for ecosystem management: The case of browsing by swamp wallabies (<i>Wallabia bicolor</i>) in commercially harvested native forests. <i>Ecological Management and Restoration</i> , 2004, 5, 61-67.	0.7	14
34	Species distribution models for conservation planning in fire-prone landscapes. <i>Biodiversity and Conservation</i> , 2021, 30, 1119-1136.	1.2	14
35	Fine-scale habitat selection by adult female swamp wallabies (<i>Wallabia bicolor</i>). <i>Australian Journal of Zoology</i> , 2008, 56, 305.	0.6	13
36	Fire, landscape change and models of small mammal habitat suitability at multiple spatial scales. <i>Austral Ecology</i> , 2011, 36, 638-649.	0.7	11

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37	Mapping prescribed fire severity in south-east Australian eucalypt forests using modelling and satellite imagery: a case study. <i>International Journal of Wildland Fire</i> , 2017, 26, 491.	1.0	11
38	Habitat use at fire edges: Does animal activity follow temporal patterns of habitat change?. <i>Forest Ecology and Management</i> , 2019, 451, 117343.	1.4	11
39	Strategy for screening eucalypts for saline lands. <i>Agroforestry Systems</i> , 2010, 78, 127-137.	0.9	10
40	Sampling downed coarse woody debris in fire-prone eucalypt woodlands. <i>Forest Ecology and Management</i> , 2010, 259, 440-445.	1.4	10
41	Decade-long response of arid-land mallee vegetation to fire, flooding and grazing in south-eastern Australia. <i>Journal of Arid Environments</i> , 2015, 121, 7-14.	1.2	9
42	Ecological specialisation in habitat selection within a macropodid herbivore guild. <i>Oecologia</i> , 2016, 180, 823-832.	0.9	9
43	Are germination cues for soil-stored seed banks different in structurally different fire-prone communities?. <i>Austral Ecology</i> , 2018, 43, 89-101.	0.7	9
44	Complex habitat drives mammal communities in a flammable landscape. <i>Forest Ecology and Management</i> , 2020, 462, 117979.	1.4	9
45	Mammal responses to spatial pattern in fire history depend on landscape context. <i>Landscape Ecology</i> , 2021, 36, 897-914.	1.9	9
46	Combining optimization and simulation modelling to measure the cumulative impacts of prescribed fire and wildfire on vegetation species diversity. <i>Journal of Applied Ecology</i> , 2019, 56, 722-732.	1.9	8
47	Untangling the influences of fire, habitat and introduced predators on the endangered heath mouse. <i>Animal Conservation</i> , 2022, 25, 208-220.	1.5	8
48	Mammalian browsing in the Mt Cole State Forest: defining a critical browsing level and assessing the effect of multiple browsing events. <i>Australian Forestry</i> , 2003, 66, 287-293.	0.3	7
49	Vegetation management influences habitat use by mammalian herbivores in shrub-encroached grassy woodland. <i>Wildlife Research</i> , 2016, 43, 438.	0.7	7
50	Survey design for precise fire management conservation targets. <i>Ecological Applications</i> , 2018, 28, 35-45.	1.8	7
51	Circadian rhythms enable efficient resource selection in a human-modified landscape. <i>Ecology and Evolution</i> , 2019, 9, 7509-7527.	0.8	6
52	Ground-dwelling mammal diversity responds positively to productivity and habitat heterogeneity in a fire-prone region. <i>Ecosphere</i> , 2020, 11, e03248.	1.0	6
53	Prescribed burn severity has minimal effect on common bird species in a fire-prone forest ecosystem. <i>Forest Ecology and Management</i> , 2020, 475, 118437.	1.4	6
54	Effect of recent fuel reduction treatments on wildfire severity in southeast Australian <i>Eucalyptus sieberi</i> forests. <i>Forest Ecology and Management</i> , 2022, 505, 119924.	1.4	6

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55	Linking fuel, habitat and ground-dwelling mammals in flammable landscapes. <i>Forest Ecology and Management</i> , 2019, 441, 215-228.	1.4	5
56	Relating mammal species richness to landscape patterns across multiple spatial scales. <i>Landscape Ecology</i> , 2021, 36, 1003-1022.	1.9	5
57	Response of an arboreal species to plantation harvest. <i>Forest Ecology and Management</i> , 2021, 490, 119092.	1.4	5
58	Quantifying annual patterns in the frequency of mammalian births: do goodness-of-fit tests provide adequate inferences?. <i>Australian Journal of Zoology</i> , 2012, 60, 381.	0.6	4
59	Shrub expansion alters forest structure but has little impact on native mammal occurrence. <i>Austral Ecology</i> , 2015, 40, 611-624.	0.7	4
60	Interspecific and intraspecific relationships between body mass and diet quality in a macropodid community. <i>Journal of Mammalogy</i> , 2018, 99, 428-439.	0.6	4
61	The Viggers & Hearn conundrum: a kangaroo home range study with no implications for land management. <i>Journal of Applied Ecology</i> , 2007, 44, 1080-1085.	1.9	3
62	Mammalian browsing impact on regenerating Eucalyptus seedlings in a large commercially managed native forest estate. <i>New Forests</i> , 2009, 37, 197-211.	0.7	3
63	Diet of the silky mouse (<i>Pseudomys apodemoides</i>) and the heath rat (<i>P. shortridgei</i>) in a post-fire environment. <i>International Journal of Wildland Fire</i> , 2014, 23, 746.	1.0	3
64	Forest Management Influences Aboveground Carbon and Tree Species Diversity in Myanmar's Mixed Deciduous Forests. <i>Forests</i> , 2016, 7, 217.	0.9	3
65	Do body size, diet type or residence time explain habitat use in a vertebrate herbivore community?. <i>Australian Journal of Zoology</i> , 2016, 64, 91.	0.6	3
66	Diet selection by the brush-tailed rock-wallaby (<i>Petrogale penicillata</i>) in East Gippsland, Victoria. <i>Australian Mammalogy</i> , 2011, 33, 162.	0.7	2
67	Bird functional diversity decreases with time since disturbance: does patchy prescribed fire enhance ecosystem function?. , 0, , 150511124049005.		1
68	Spatial and temporal responses of swamp wallabies to roads in a human-modified landscape. <i>Wildlife Biology</i> , 2021, 2021, .	0.6	1
69	Monitoring eucalypt germination in Victorian native forest logging coupes: a comparison of methods. <i>Australian Forestry</i> , 2004, 67, 14-16.	0.3	0