

Ben D Sparrow

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,289
citations

567281

15
h-index

454955

30
g-index

44
all docs

44
docs citations

44
times ranked

3382
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental associations of abundance-weighted functional traits in Australian plant communities. <i>Basic and Applied Ecology</i> , 2022, 58, 98-109.	2.7	11
2	A vegetation carbon isoscape for Australia built by combining continental-scale field surveys with remote sensing. <i>Landscape Ecology</i> , 2022, 37, 1987-2006.	4.2	5
3	Using generalised dissimilarity modelling and targeted field surveys to gap-fill an ecosystem surveillance network. <i>Journal of Applied Ecology</i> , 2021, 58, 766-776.	4.0	10
4	The photosynthetic pathways of plant species surveyed in Australia's national terrestrial monitoring network. <i>Scientific Data</i> , 2021, 8, 97.	5.3	7
5	<i>ausplotsR</i> : An R package for rapid extraction and analysis of vegetation and soil data collected by Australia's Terrestrial Ecosystem Research Network. <i>Journal of Vegetation Science</i> , 2021, 32, e13046.	2.2	6
6	sPlotOpen - An environmentally balanced, open-access, global dataset of vegetation plots. <i>Global Ecology and Biogeography</i> , 2021, 30, 1740-1764.	5.8	49
7	AusTraits, a curated plant trait database for the Australian flora. <i>Scientific Data</i> , 2021, 8, 254.	5.3	73
8	Applying conservation reserve design strategies to define ecosystem monitoring priorities. <i>Ecology and Evolution</i> , 2021, 11, 17060-17070.	1.9	3
9	Effective ecosystem monitoring requires a multi-scaled approach. <i>Biological Reviews</i> , 2020, 95, 1706-1719.	10.4	38
10	Stocktaking the environmental coverage of a continental ecosystem observation network. <i>Ecosphere</i> , 2020, 11, e03307.	2.2	9
11	A Vegetation and Soil Survey Method for Surveillance Monitoring of Rangeland Environments. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	28
12	Components of leaf-trait variation along environmental gradients. <i>New Phytologist</i> , 2020, 228, 82-94.	7.3	111
13	TERN, Australia's land observatory: addressing the global challenge of forecasting ecosystem responses to climate variability and change. <i>Environmental Research Letters</i> , 2019, 14, 095004.	5.2	34
14	Alien plants alter the growth form ratio and structure of Australian grasslands. <i>Applied Vegetation Science</i> , 2019, 22, 582-592.	1.9	15
15	Response to Comments on "The global tree restoration potential". <i>Science</i> , 2019, 366, .	12.6	20
16	sPlot - A new tool for global vegetation analyses. <i>Journal of Vegetation Science</i> , 2019, 30, 161-186.	2.2	185
17	Consistent sorting but contrasting transition zones in plant communities along bioclimatic gradients. <i>Acta Oecologica</i> , 2019, 95, 74-85.	1.1	17
18	Impacts of recent climate change on terrestrial flora and fauna: Some emerging Australian examples. <i>Austral Ecology</i> , 2019, 44, 3-27.	1.5	105

#	ARTICLE	IF	CITATIONS
19	An ecological climate change classification for South Australia. Transactions of the Royal Society of South Australia, 2018, 142, 70-85.	0.4	10
20	When macroecological transitions are a fiction of sampling: comparing herbarium records to plot-based species inventory data. Ecography, 2018, 41, 1864-1875.	4.5	15
21	The biodiversity impacts of non-native species should not be extrapolated from biased single-species studies. Biodiversity and Conservation, 2018, 27, 785-790.	2.6	36
22	Floristic and structural assessment of Australian rangeland vegetation with standardized plot-based surveys. PLoS ONE, 2018, 13, e0202073.	2.5	11
23	The extent of forest in dryland biomes. Science, 2017, 356, 635-638.	12.6	300
24	Response to Comment on "The extent of forest in dryland biomes". Science, 2017, 358, .	12.6	11
25	Bacterial natural product biosynthetic domain composition in soil correlates with changes in latitude on a continent-wide scale. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11615-11620.	7.1	53
26	Publish openly but responsibly. Science, 2017, 357, 141-141.	12.6	20
27	Response to Comment on "The extent of forest in dryland biomes". Science, 2017, 358, 881-881.	12.6	11
28	Response to Comment on "The extent of forest in dryland biomes". Science, 2017, 358, .	12.6	9
29	Opportunities for Integrated Ecological Analysis across Inland Australia with Standardised Data from Ausplots Rangelands. PLoS ONE, 2017, 12, e0170137.	2.5	30
30	AusPlots Rangelands field data collection and publication: Infrastructure for ecological monitoring. Future Generation Computer Systems, 2016, 56, 537-549.	7.5	21
31	AusPlots Rangelands Field Data Collection and Publication: Infrastructure for Ecological Monitoring. , 2014, , .		2