

Daniel S Chapman

List of Publications by Year in descending order

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59
papers

2,935
citations

185998

28
h-index

182168

51
g-index

59
all docs

59
docs citations

59
times ranked

5129
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of multiple stressors on freshwater biota across spatial scales and ecosystems. <i>Nature Ecology and Evolution</i> , 2020, 4, 1060-1068.	3.4	336
2	Does stakeholder involvement really benefit biodiversity conservation?. <i>Biological Conservation</i> , 2013, 158, 359-370.	1.9	207
3	Global trade networks determine the distribution of invasive non-native species. <i>Global Ecology and Biogeography</i> , 2017, 26, 907-917.	2.7	177
4	Biological Flora of the British Isles: <i>Ambrosia artemisiifolia</i> . <i>Journal of Ecology</i> , 2015, 103, 1069-1098.	1.9	164
5	Improving species distribution models using biotic interactions: a case study of parasites, pollinators and plants. <i>Ecography</i> , 2013, 36, 649-656.	2.1	129
6	Human-Mediated Dispersal and the Rewiring of Spatial Networks. <i>Trends in Ecology and Evolution</i> , 2018, 33, 958-970.	4.2	110
7	Modelling the introduction and spread of non-native species: international trade and climate change drive ragweed invasion. <i>Global Change Biology</i> , 2016, 22, 3067-3079.	4.2	101
8	A Process-Based Approach to Predicting the Effect of Climate Change on the Distribution of an Invasive Allergenic Plant in Europe. <i>PLoS ONE</i> , 2014, 9, e88156.	1.1	99
9	An operational model for forecasting ragweed pollen release and dispersion in Europe. <i>Agricultural and Forest Meteorology</i> , 2013, 182-183, 43-53.	1.9	93
10	Phenology predicts the native and invasive range limits of common ragweed. <i>Global Change Biology</i> , 2014, 20, 192-202.	4.2	89
11	The future of the uplands. <i>Land Use Policy</i> , 2009, 26, S204-S216.	2.5	80
12	Update of the Scientific Opinion on the risks to plant health posed by <i>Xylella fastidiosa</i> in the EU territory. <i>EFSA Journal</i> , 2019, 17, e05665.	0.9	79
13	Anticipating and Managing Future Trade-offs and Complementarities between Ecosystem Services. <i>Ecology and Society</i> , 2013, 18, .	1.0	70
14	Grazing alters insect visitation networks and plant mating systems. <i>Functional Ecology</i> , 2014, 28, 178-189.	1.7	63
15	Modelling the spread and control of <i>Xylella fastidiosa</i> in the early stages of invasion in Apulia, Italy. <i>Biological Invasions</i> , 2017, 19, 1825-1837.	1.2	61
16	Weak climatic associations among British plant distributions. <i>Global Ecology and Biogeography</i> , 2010, 19, 831-841.	2.7	59
17	Impacts of resource extraction on forest structure and diversity in Bardia National Park, Nepal. <i>Forest Ecology and Management</i> , 2010, 259, 641-649.	1.4	57
18	Improving species distribution models for invasive non-native species with biologically informed pseudo-absence selection. <i>Journal of Biogeography</i> , 2019, 46, 1029-1040.	1.4	53

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19	Modelling population redistribution in a leaf beetle: an evaluation of alternative dispersal functions. <i>Journal of Animal Ecology</i> , 2007, 76, 36-44.	1.3	50
20	A prioritization process for invasive alien plant species incorporating the requirements of <sc>EU</sc> Regulation no. 1143/2014. <i>EPPO Bulletin</i> , 2016, 46, 603-617.	0.6	48
21	Mechanistic species distribution modeling reveals a niche shift during invasion. <i>Ecology</i> , 2017, 98, 1671-1680.	1.5	45
22	Network size, structure and mutualism dependence affect the propensity for plant-pollinator extinction cascades. <i>Functional Ecology</i> , 2017, 31, 1285-1293.	1.7	45
23	Impacts of space, local environment and habitat connectivity on macrophyte communities in conservation lakes. <i>Diversity and Distributions</i> , 2012, 18, 603-614.	1.9	43
24	Can carbon offsetting pay for upland ecological restoration?. <i>Science of the Total Environment</i> , 2009, 408, 26-36.	3.9	42
25	Random Forest characterization of upland vegetation and management burning from aerial imagery. <i>Journal of Biogeography</i> , 2010, 37, 37-46.	1.4	40
26	The prioritisation of a short list of alien plants for risk analysis within the framework of the Regulation (EU) No. 1143/2014. <i>NeoBiota</i> , 0, 35, 87-118.	1.0	39
27	Community versus single-species distribution models for British plants. <i>Journal of Biogeography</i> , 2011, 38, 1524-1535.	1.4	35
28	Making waves. Bridging theory and practice towards multiple stressor management in freshwater ecosystems. <i>Water Research</i> , 2021, 196, 116981.	5.3	32
29	Estimating the epidemiology of emerging <i>Xylella fastidiosa</i> outbreaks in olives. <i>Plant Pathology</i> , 2020, 69, 1403-1413.	1.2	31
30	Modelling the coupled dynamics of moorland management and upland vegetation. <i>Journal of Applied Ecology</i> , 2009, 46, 278-288.	1.9	28
31	Synchrony of butterfly populations across species' geographic ranges. <i>Oikos</i> , 2010, 119, 1690-1696.	1.2	27
32	Invasion of freshwater ecosystems is promoted by network connectivity to hotspots of human activity. <i>Global Ecology and Biogeography</i> , 2020, 29, 645-655.	2.7	27
33	Greater phenological sensitivity to temperature on higher Scottish mountains: new insights from remote sensing. <i>Global Change Biology</i> , 2013, 19, 3463-3471.	4.2	25
34	Measuring functional connectivity using long-term monitoring data. <i>Methods in Ecology and Evolution</i> , 2011, 2, 527-533.	2.2	24
35	Three decades of post-logging tree community recovery in naturally regenerating and actively restored dipterocarp forest in Borneo. <i>Forest Ecology and Management</i> , 2021, 488, 119036.	1.4	24
36	Evolutionary trait-based approaches for predicting future global impacts of plant pathogens in the genus <i>Phytophthora</i> . <i>Journal of Applied Ecology</i> , 2021, 58, 718-730.	1.9	23

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37	Land-use change and propagule pressure promote plant invasions in tropical rainforest remnants. <i>Landscape Ecology</i> , 2020, 35, 1891-1906.	1.9	22
38	Modelling <i>Acacia saligna</i> invasion in a large Mediterranean island using PAB factors: A tool for implementing the European legislation on invasive species. <i>Ecological Indicators</i> , 2020, 116, 106516.	2.6	22
39	<i>Xylella fastidiosa</i> invasion of new countries in Europe, the Middle East and North Africa: Ranking the potential exposure scenarios. <i>NeoBiota</i> , 0, 59, 77-97.	1.0	22
40	Complex interactions between the wind and ballistic seed dispersal in <i>Impatiens glandulifera</i> (Royle). <i>Journal of Ecology</i> , 2012, 100, 874-883.	1.9	21
41	Landscape and fine-scale movements of a leaf beetle: the importance of boundary behaviour. <i>Oecologia</i> , 2007, 154, 55-64.	0.9	20
42	The utility of distribution data in predicting phenology. <i>Methods in Ecology and Evolution</i> , 2013, 4, 1024-1032.	2.2	19
43	PHYTO-THREATS: Addressing Threats to UK Forests and Woodlands from <i>Phytophthora</i> ; Identifying Risks of Spread in Trade and Methods for Mitigation. <i>Forests</i> , 2021, 12, 1617.	0.9	18
44	Trait filtering during exotic plant invasion of tropical rainforest remnants along a disturbance gradient. <i>Functional Ecology</i> , 2020, 34, 2584-2597.	1.7	17
45	Dispersal capacity shapes responses of river island invertebrate assemblages to vegetation structure, island area, and flooding. <i>Insect Conservation and Diversity</i> , 2017, 10, 341-353.	1.4	14
46	Inventory and review of quantitative models for spread of plant pests for use in pest risk assessment for the EU territory. <i>EFSA Supporting Publications</i> , 2015, 12, 795E.	0.3	13
47	Conservation set-asides improve carbon storage and support associated plant diversity in certified sustainable oil palm plantations. <i>Biological Conservation</i> , 2020, 248, 108631.	1.9	13
48	Biogeographical drivers of ragweed pollen concentrations in Europe. <i>Theoretical and Applied Climatology</i> , 2018, 133, 277-295.	1.3	12
49	Eco-Epidemiological Uncertainties of Emerging Plant Diseases: The Challenge of Predicting <i>Xylella fastidiosa</i> Dynamics in Novel Environments. <i>Phytopathology</i> , 2020, 110, 1740-1750.	1.1	12
50	Unbiased inference of plant flowering phenology from biological recording data. <i>Biological Journal of the Linnean Society</i> , 2015, 115, 543-554.	0.7	11
51	Monographs on invasive plants in Europe NÂ° 5: <i>Ambrosia trifida</i> L.. <i>Botany Letters</i> , 2021, 168, 167-190.	0.7	9
52	Interactions between harvesting, noise and territoriality in a model of red grouse population cycles. <i>Journal of Animal Ecology</i> , 2009, 78, 476-484.	1.3	8
53	Process from pattern in the distribution of an endangered leaf beetle. <i>Ecography</i> , 2009, 32, 259-268.	2.1	8
54	Assessing multiple stressor effects to inform climate change management responses in three European catchments. <i>Inland Waters</i> , 2022, 12, 94-106.	1.1	7

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55	Fewer sites but better data? Optimising the representativeness and statistical power of a national monitoring network. <i>Ecological Indicators</i> , 2020, 114, 106321.	2.6	6
56	Native and non-native aquatic plants of South America: comparing and integrating GBIF records with literature data. <i>Management of Biological Invasions</i> , 2017, 8, 443-454.	0.5	3
57	Modelling land use dynamics in socio-ecological systems: A case study in the UK uplands. <i>Advances in Ecological Research</i> , 2019, , 125-152.	1.4	2
58	Habitat loss, predation pressure and episodic heat-shocks interact to impact arthropods and photosynthetic functioning of microecosystems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210032.	1.2	1
59	Adaptive Land-Use Management in Dynamic Ecological System. <i>Lecture Notes in Computer Science</i> , 2009, , 152-161.	1.0	0