Daniel S Chapman

List of Publications by Year
in descending order

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	Assessing multiple stressor effects to inform climate change management responses in three European catchments. Inland Waters, 2022, 12, 94-106.	1.1	7
2	Evolutionary traitâ€based approaches for predicting future global impacts of plant pathogens in the genus Phytophthora. Journal of Applied Ecology, 2021, 58, 718-730.	1.9	23
3	Monographs on invasive plants in Europe NÂ° 5: Ambrosia trifida L.. Botany Letters, 2021, 168, 167-190.	0.7	9
4	Habitat loss, predation pressure and episodic heat-shocks interact to impact arthropods and photosynthetic functioning of microecosystems. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210032.	1.2	1
5	Making waves. Bridging theory and practice towards multiple stressor management in freshwater ecosystems. Water Research, 2021, 196, 116981.	5.3	32
6	Three decades of post-logging tree community recovery in naturally regenerating and actively restored dipterocarp forest in Borneo. Forest Ecology and Management, 2021, 488, 119036.	1.4	24
7	PHYTO-THREATS: Addressing Threats to UK Forests and Woodlands from Phytophthora; Identifying Risks of Spread in Trade and Methods for Mitigation. Forests, 2021, 12, 1617.	0.9	18
8	Invasion of freshwater ecosystems is promoted by network connectivity to hotspots of human activity. Global Ecology and Biogeography, 2020, 29, 645-655.	2.7	27
9	Land-use change and propagule pressure promote plant invasions in tropical rainforest remnants. Landscape Ecology, 2020, 35, 1891-1906.	1.9	22
10	Eco-Epidemiological Uncertainties of Emerging Plant Diseases: The Challenge of Predicting Xylella fastidiosa Dynamics in Novel Environments. Phytopathology, 2020, 110, 1740-1750.	1.1	12
11	Trait filtering during exotic plant invasion of tropical rainforest remnants along a disturbance gradient. Functional Ecology, 2020, 34, 2584-2597.	1.7	17
12	Impacts of multiple stressors on freshwater biota across spatial scales and ecosystems. Nature Ecology and Evolution, 2020, 4, 1060-1068.	3.4	336
13	Estimating the epidemiology of emerging Xylella fastidiosa outbreaks in olives. Plant Pathology, 2020, 69, 1403-1413.	1.2	31
14	Conservation set-asides improve carbon storage and support associated plant diversity in certified sustainable oil palm plantations. Biological Conservation, 2020, 248, 108631.	1.9	13
15	Fewer sites but better data? Optimising the representativeness and statistical power of a national monitoring network. Ecological Indicators, 2020, 114, 106321.	2.6	6
16	Modelling Acacia saligna invasion in a large Mediterranean island using PAB factors: A tool for implementing the European legislation on invasive species. Ecological Indicators, 2020, 116, 106516.	2.6	22
17	Update of the Scientific Opinion on the risks to plant health posed by Xylella fastidiosa in the EU territory. EFSA Journal, 2019, 17, e05665.	0.9	79
18	Improving species distribution models for invasive nonâ€native species with biologically informed pseudoâ€absence selection. Journal of Biogeography, 2019, 46, 1029-1040.	1.4	53

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19	Modelling land use dynamics in socio-ecological systems: A case study in the UK uplands. Advances in Ecological Research, 2019, , 125-152.	1.4	2
20	Biogeographical drivers of ragweed pollen concentrations in Europe. Theoretical and Applied Climatology, 2018, 133, 277-295.	1.3	12
21	Human-Mediated Dispersal and the Rewiring of Spatial Networks. Trends in Ecology and Evolution, 2018, 33, 958-970.	4.2	110
22	Modelling the spread and control of Xylella fastidiosa in the early stages of invasion in Apulia, Italy. Biological Invasions, 2017, 19, 1825-1837.	1.2	61
23	Dispersal capacity shapes responses of river island invertebrate assemblages to vegetation structure, island area, and flooding. Insect Conservation and Diversity, 2017, 10, 341-353.	1.4	14
24	Global trade networks determine the distribution of invasive nonâ€native species. Global Ecology and Biogeography, 2017, 26, 907-917.	2.7	177
25	Mechanistic species distribution modeling reveals a niche shift during invasion. Ecology, 2017, 98, 1671-1680.	1.5	45
26	Network size, structure and mutualism dependence affect the propensity for plantâ€“pollinator extinction cascades. Functional Ecology, 2017, 31, 1285-1293.	1.7	45
27	Native and non-native aquatic plants of South America: comparing and integrating GBIF records with literature data. Management of Biological Invasions, 2017, 8, 443-454.	0.5	3
28	Modelling the introduction and spread of nonâ€native species: international trade and climate change drive ragweed invasion. Global Change Biology, 2016, 22, 3067-3079.	4.2	101
29	A prioritization process for invasive alien plant species incorporating the requirements of <scp>EU</scp> Regulation no. 1143/2014. EPPO Bulletin, 2016, 46, 603-617.	0.6	48
30	Unbiased inference of plant flowering phenology from biological recording data. Biological Journal of the Linnean Society, 2015, 115, 543-554.	0.7	11
31	Inventory and review of quantitative models for spread of plant pests for use in pest risk assessment for the EU territory. EFSA Supporting Publications, 2015, 12, 795E.	0.3	13
32	Biological Flora of the British Isles: Ambrosia artemisiifolia. Journal of Ecology, 2015, 103, 1069-1098.	1.9	164
33	A Process-Based Approach to Predicting the Effect of Climate Change on the Distribution of an Invasive Allergenic Plant in Europe. PLoS ONE, 2014, 9, e88156.	1.1	99
34	Phenology predicts the native and invasive range limits of common ragweed. Global Change Biology, 2014, 20, 192-202.	4.2	89
35	Grazing alters insect visitation networks and plant mating systems. Functional Ecology, 2014, 28, 178-189.	1.7	63
36	The utility of distribution data in predicting phenology. Methods in Ecology and Evolution, 2013, 4, 1024-1032.	2.2	19

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37	An operational model for forecasting ragweed pollen release and dispersion in Europe. Agricultural and Forest Meteorology, 2013, 182-183, 43-53.	1.9	93
38	Does stakeholder involvement really benefit biodiversity conservation?. Biological Conservation, 2013, 158, 359-370.	1.9	207
39	Greater phenological sensitivity to temperature on higher Scottish mountains: new insights from remote sensing. Global Change Biology, 2013, 19, 3463-3471.	4.2	25
40	Improving species distribution models using biotic interactions: a case study of parasites, pollinators and plants. Ecography, 2013, 36, 649-656.	2.1	129
41	Anticipating and Managing Future Trade-offs and Complementarities between Ecosystem Services. Ecology and Society, 2013, 18, .	1.0	70
42	Impacts of space, local environment and habitat connectivity on macrophyte communities in conservation lakes. Diversity and Distributions, 2012, 18, 603-614.	1.9	43
43	Complex interactions between the wind and ballistic seed dispersal in Impatiens glandulifera (Royle). Journal of Ecology, 2012, 100, 874-883.	1.9	21
44	Measuring functional connectivity using longâ€term monitoring data. Methods in Ecology and Evolution, 2011, 2, 527-533.	2.2	24
45	Community versus single-species distribution models for British plants. Journal of Biogeography, 2011, 38, 1524-1535.	1.4	35
46	Random Forest characterization of upland vegetation and management burning from aerial imagery. Journal of Biogeography, 2010, 37, 37-46.	1.4	40
47	Synchrony of butterfly populations across species' geographic ranges. Oikos, 2010, 119, 1690-1696.	1.2	27
48	Weak climatic associations among British plant distributions. Global Ecology and Biogeography, 2010, 19, 831-841.	2.7	59
49	Impacts of resource extraction on forest structure and diversity in Bardia National Park, Nepal. Forest Ecology and Management, 2010, 259, 641-649.	1.4	57
50	Can carbon offsetting pay for upland ecological restoration?. Science of the Total Environment, 2009, 408, 26-36.	3.9	42
51	Interactions between harvesting, noise and territoriality in a model of red grouse population cycles. Journal of Animal Ecology, 2009, 78, 476-484.	1.3	8
52	Modelling the coupled dynamics of moorland management and upland vegetation. Journal of Applied Ecology, 2009, 46, 278-288.	1.9	28
53	Process from pattern in the distribution of an endangered leaf beetle. Ecography, 2009, 32, 259-268.	2.1	8
54	The future of the uplands. Land Use Policy, 2009, 26, S204-S216.	2.5	80

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55	Adaptive Land-Use Management in Dynamic Ecological System. Lecture Notes in Computer Science, 2009, , 152-161.	1.0	0
56	Modelling population redistribution in a leaf beetle: an evaluation of alternative dispersal functions. Journal of Animal Ecology, 2007, 76, 36-44.	1.3	50
57	Landscape and fine-scale movements of a leaf beetle: the importance of boundary behaviour. Oecologia, 2007, 154, 55-64.	0.9	20
58	The prioritisation of a short list of alien plants for risk analysis within the framework of the Regulation (EU) No. 1143/2014. NeoBiota, 0, 35, 87-118.	1.0	39
59	Xylella fastidiosa invasion of new countries in Europe, the Middle East and North Africa: Ranking the potential exposure scenarios. NeoBiota, 0, 59, 77-97.	1.0	22