

Lawrence W Sheppard

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

554
citations

840776

11
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

579
citing authors

#	ARTICLE	IF	CITATIONS
1	The long and the short of it: Mechanisms of synchronous and compensatory dynamics across temporal scales. <i>Ecology</i> , 2022, 103, e3650.	3.2	18
2	Periodic synchronisation of dengue epidemics in Thailand over the last 5 decades driven by temperature and immunity. <i>PLoS Biology</i> , 2022, 20, e3001160.	5.6	8
3	Tail-dependent spatial synchrony arises from nonlinear driver-response relationships. <i>Ecology Letters</i> , 2022, 25, 1189-1201.	6.4	10
4	Intraspecific variation in migration timing of green sturgeon in the Sacramento River system. <i>Ecosphere</i> , 2022, 13, .	2.2	5
5	Disturbance and nutrients synchronise kelp forests across scales through interacting Moran effects. <i>Ecology Letters</i> , 2022, 25, 1854-1868.	6.4	15
6	Synchronous effects produce cycles in deer populations and deer-vehicle collisions. <i>Ecology Letters</i> , 2021, 24, 337-347.	6.4	13
7	Micro-scale geography of synchrony in a serpentine plant community. <i>Journal of Ecology</i> , 2021, 109, 750-762.	4.0	10
8	The effects of dispersal on spatial synchrony in metapopulations differ by timescale. <i>Oikos</i> , 2021, 130, 1762-1772.	2.7	10
9	Weather and regional crop composition variation drive spatial synchrony of lepidopteran agricultural pests. <i>Ecological Entomology</i> , 2020, 45, 573-582.	2.2	17
10	A new approach to interspecific synchrony in population ecology using tail association. <i>Ecology and Evolution</i> , 2020, 10, 12764-12776.	1.9	10
11	Copulas and their potential for ecology. <i>Advances in Ecological Research</i> , 2020, 62, 409-468.	2.7	22
12	Tail associations in ecological variables and their impact on extinction risk. <i>Ecosphere</i> , 2020, 11, e03132.	2.2	8
13	A new variance ratio metric to detect the timescale of compensatory dynamics. <i>Ecosphere</i> , 2020, 11, e03114.	2.2	14
14	Self-organizing cicada choruses respond to the local sound and light environment. <i>Ecology and Evolution</i> , 2020, 10, 4471-4482.	1.9	11
15	Synchrony is more than its top-down and climatic parts: interacting Moran effects on phytoplankton in British seas. <i>PLoS Computational Biology</i> , 2019, 15, e1006744.	3.2	33
16	Proximate determinants of Taylor's law slopes. <i>Journal of Animal Ecology</i> , 2019, 88, 484-494.	2.8	9
17	The dependence of synchrony on timescale and geography in freshwater plankton. <i>Limnology and Oceanography</i> , 2019, 64, 483-502.	3.1	18
18	The geography of spatial synchrony. <i>Ecology Letters</i> , 2017, 20, 801-814.	6.4	116

#	ARTICLE	IF	CITATIONS
19	Synchrony affects Taylor's law in theory and data. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6788-6793.	7.1	32
20	Rapid surrogate testing of wavelet coherences. EPJ Nonlinear Biomedical Physics, 2017, 5, 1.	0.8	11
21	Climate change-related regime shifts have altered spatial synchrony of plankton dynamics in the North Sea. Global Change Biology, 2016, 22, 2069-2080.	9.5	66
22	Changes in large-scale climate alter spatial synchrony of aphid pests. Nature Climate Change, 2016, 6, 610-613.	18.8	98