

Claire de Mazancourt

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

3,616
citations

257450

24
h-index

345221

36
g-index

44
all docs

44
docs citations

44
times ranked

5093
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodiversity and ecosystem stability: a synthesis of underlying mechanisms. <i>Ecology Letters</i> , 2013, 16, 106-115.	6.4	780
2	Species Synchrony and Its Drivers: Neutral and Nonneutral Community Dynamics in Fluctuating Environments. <i>American Naturalist</i> , 2008, 172, E48-E66.	2.1	488
3	The evolutionary ecology of metacommunities. <i>Trends in Ecology and Evolution</i> , 2008, 23, 311-317.	8.7	253
4	Predicting ecosystem stability from community composition and biodiversity. <i>Ecology Letters</i> , 2013, 16, 617-625.	6.4	251
5	GRAZING OPTIMIZATION AND NUTRIENT CYCLING: WHEN DO HERBIVORES ENHANCE PLANT PRODUCTION?. <i>Ecology</i> , 1998, 79, 2242-2252.	3.2	246
6	Temporal stability in forest productivity increases with tree diversity due to asynchrony in species dynamics. <i>Ecology Letters</i> , 2014, 17, 1526-1535.	6.4	163
7	Trade-Off Geometries and Frequency-Dependent Selection. <i>American Naturalist</i> , 2004, 164, 765-778.	2.1	138
8	How competition affects evolutionary rescue. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120085.	4.0	101
9	Understanding mutualism when there is adaptation to the partner. <i>Journal of Ecology</i> , 2005, 93, 305-314.	4.0	94
10	Increased plant growth from nitrogen addition should conserve phosphorus in terrestrial ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1971-1976.	7.1	89
11	To Freeze or Not to Freeze? An Evolutionary Perspective on the Cold-Hardiness Strategies of Overwintering Ectotherms. <i>American Naturalist</i> , 2002, 160, 255-270.	2.1	76
12	Biotic homogenization destabilizes ecosystem functioning by decreasing spatial asynchrony. <i>Ecology</i> , 2021, 102, e03332.	3.2	74
13	A resource ratio theory of cooperation. <i>Ecology Letters</i> , 2010, 13, 349-359.	6.4	71
14	Plant Water Use Affects Competition for Nitrogen: Why Drought Favors Invasive Species in California. <i>American Naturalist</i> , 2010, 175, 85-97.	2.1	67
15	GRAZING OPTIMIZATION AND NUTRIENT CYCLING: POTENTIAL IMPACT OF LARGE HERBIVORES IN A SAVANNA SYSTEM. , 1999, 9, 784-797.		61
16	An invariability-area relationship sheds new light on the spatial scaling of ecological stability. <i>Nature Communications</i> , 2017, 8, 15211.	12.8	61
17	Human-nature connectedness as a pathway to sustainability: A global meta-analysis. <i>Conservation Letters</i> , 2022, 15, e12852.	5.7	59
18	Synchronous dynamics of zooplankton competitors prevail in temperate lake ecosystems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140633.	2.6	50

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19	Effect of Herbivory and Plant Species Replacement on Primary Production. <i>American Naturalist</i> , 2000, 155, 735-754.	2.1	47
20	Environmental responses, not species interactions, determine synchrony of dominant species in semiarid grasslands. <i>Ecology</i> , 2017, 98, 971-981.	3.2	43
21	Trade-offs in the provisioning and stability of ecosystem services in agroecosystems. <i>Ecological Applications</i> , 2019, 29, e01853.	3.8	38
22	Starve a competitor: evolution of luxury consumption as a competitive strategy. <i>Theoretical Ecology</i> , 2012, 5, 37-49.	1.0	35
23	General statistical scaling laws for stability in ecological systems. <i>Ecology Letters</i> , 2021, 24, 1474-1486.	6.4	32
24	GRAZING OPTIMIZATION, NUTRIENT CYCLING, AND SPATIAL HETEROGENEITY OF PLANT-HERBIVORE INTERACTIONS: SHOULD A PALATABLE PLANT EVOLVE?. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 81-92.	2.3	31
25	Reconciling biodiversity conservation, food production and farmers' demand in agricultural landscapes. <i>Ecological Modelling</i> , 2020, 416, 108889.	2.5	31
26	Should Plants in Resource-Poor Environments Invest More in Antiherbivore Defence?. <i>Oikos</i> , 1999, 87, 195.	2.7	26
27	The Effect of Recycling on Plant Competitive Hierarchies. <i>American Naturalist</i> , 2005, 165, 609-622.	2.1	26
28	Scaling up biodiversity-ecosystem functioning relationships: the role of environmental heterogeneity in space and time. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202779.	2.6	24
29	Disentangling local, metapopulation, and cross-community sources of stabilization and asynchrony in metacommunities. <i>Ecosphere</i> , 2020, 11, e03078.	2.2	23
30	Rapid Exploiter-Victim Coevolution: The Race Is Not Always to the Swift. <i>American Naturalist</i> , 2010, 176, 198-211.	2.1	21
31	Removing Phosphorus from Ecosystems Through Nitrogen Fertilization and Cutting with Removal of Biomass. <i>Ecosystems</i> , 2009, 12, 1130-1144.	3.4	18
32	Fingerprints of High-Dimensional Coexistence in Complex Ecosystems. <i>Physical Review X</i> , 2021, 11, .	8.9	18
33	Do not downplay biodiversity loss. <i>Nature</i> , 2022, 601, E27-E28.	27.8	17
34	Evolutionary responses to environmental change: trophic interactions affect adaptation and persistence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20141351.	2.6	16
35	Can biomass distribution across trophic levels predict trophic cascades?. <i>Ecology Letters</i> , 2021, 24, 464-476.	6.4	9
36	Habitat fragmentation and food security in crop pollination systems. <i>Journal of Ecology</i> , 2021, 109, 2991-3006.	4.0	9

#	ARTICLE	IF	CITATIONS
37	Ecosystem Evolution and Conservation. , 2004, , 327-343.		6
38	Why do forests respond differently to nitrogen deposition? A modelling approach. Ecological Modelling, 2020, 425, 109034.	2.5	6