Claire de Mazancourt

List of Publications by Year
in descending order

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	Humanâ€“nature connectedness as a pathway to sustainability: A global metaâ€analysis. Conservation Letters, 2022, 15, e12852.	5.7	59
2	Do not downplay biodiversity loss. Nature, 2022, 601, E27-E28.	27.8	17
3	Can biomass distribution across trophic levels predict trophic cascades?. Ecology Letters, 2021, 24, 464-476.	6.4	9
4	Scaling up biodiversityâ€“ecosystem functioning relationships: the role of environmental heterogeneity in space and time. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202779.	2.6	24
5	Biotic homogenization destabilizes ecosystem functioning by decreasing spatial asynchrony. Ecology, 2021, 102, e03332.	3.2	74
6	General statistical scaling laws for stability in ecological systems. Ecology Letters, 2021, 24, 1474-1486.	6.4	32
7	Habitat fragmentation and food security in crop pollination systems. Journal of Ecology, 2021, 109, 2991-3006.	4.0	9
8	Fingerprints of High-Dimensional Coexistence in Complex Ecosystems. Physical Review X, 2021, 11, .	8.9	18
9	Reconciling biodiversity conservation, food production and farmersâ€™ demand in agricultural landscapes. Ecological Modelling, 2020, 416, 108889.	2.5	31
10	Disentangling local, metapopulation, and crossâ€community sources of stabilization and asynchrony in metacommunities. Ecosphere, 2020, 11, e03078.	2.2	23
11	Why do forests respond differently to nitrogen deposition? A modelling approach. Ecological Modelling, 2020, 425, 109034.	2.5	6
12	Tradeâ€offs in the provisioning and stability of ecosystem services in agroecosystems. Ecological Applications, 2019, 29, e01853.	3.8	38
13	Environmental responses, not species interactions, determine synchrony of dominant species in semiarid grasslands. Ecology, 2017, 98, 971-981.	3.2	43
14	An invariability-area relationship sheds new light on the spatial scaling of ecological stability. Nature Communications, 2017, 8, 15211.	12.8	61
15	Evolutionary responses to environmental change: trophic interactions affect adaptation and persistence. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20141351.	2.6	16
16	Temporal stability in forest productivity increases with tree diversity due to asynchrony in species dynamics. Ecology Letters, 2014, 17, 1526-1535.	6.4	163
17	Synchronous dynamics of zooplankton competitors prevail in temperate lake ecosystems. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140633.	2.6	50
18	Biodiversity and ecosystem stability: a synthesis of underlying mechanisms. Ecology Letters, 2013, 16, 106-115.	6.4	780

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19	Predicting ecosystem stability from community composition and biodiversity. Ecology Letters, 2013, 16, 617-625.	6.4	251
20	How competition affects evolutionary rescue. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120085.	4.0	101
21	Starve a competitor: evolution of luxury consumption as a competitive strategy. Theoretical Ecology, 2012, 5, 37-49.	1.0	35
22	A resource ratio theory of cooperation. Ecology Letters, 2010, 13, 349-359.	6.4	71
23	Plant Water Use Affects Competition for Nitrogen: Why Drought Favors Invasive Species in California. American Naturalist, 2010, 175, 85-97.	2.1	67
24	Rapid Exploiterâ€Victim Coevolution: The Race Is Not Always to the Swift. American Naturalist, 2010, 176, 198-211.	2.1	21
25	Removing Phosphorus from Ecosystems Through Nitrogen Fertilization and Cutting with Removal of Biomass. Ecosystems, 2009, 12, 1130-1144.	3.4	18
26	Species Synchrony and Its Drivers: Neutral and Nonneutral Community Dynamics in Fluctuating Environments. American Naturalist, 2008, 172, E48-E66.	2.1	488
27	The evolutionary ecology of metacommunities. Trends in Ecology and Evolution, 2008, 23, 311-317.	8.7	253
28	Increased plant growth from nitrogen addition should conserve phosphorus in terrestrial ecosystems. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1971-1976.	7.1	89
29	Understanding mutualism when there is adaptation to the partner. Journal of Ecology, 2005, 93, 305-314.	4.0	94
30	The Effect of Recycling on Plant Competitive Hierarchies. American Naturalist, 2005, 165, 609-622.	2.1	26
31	Tradeâ€Off Geometries and Frequencyâ€Dependent Selection. American Naturalist, 2004, 164, 765-778.	2.1	138
32	Ecosystem Evolution and Conservation. , 2004, , 327-343.		6
33	To Freeze or Not to Freeze? An Evolutionary Perspective on the Coldâ€Hardiness Strategies of Overwintering Ectotherms. American Naturalist, 2002, 160, 255-270.	2.1	76
34	GRAZING OPTIMIZATION, NUTRIENT CYCLING, AND SPATIAL HETEROGENEITY OF PLANT-HERBIVORE INTERACTIONS: SHOULD A PALATABLE PLANT EVOLVE?. Evolution; International Journal of Organic Evolution, 2000, 54, 81-92.	2.3	31
35	Effect of Herbivory and Plant Species Replacement on Primary Production. American Naturalist, 2000, 155, 735-754.	2.1	47
36	GRAZING OPTIMIZATION AND NUTRIENT CYCLING: POTENTIAL IMPACT OF LARGE HERBIVORES IN A SAVANNA SYSTEM. , 1999, 9, 784-797.		61

#	Article	IF	Citations
37	Should Plants in Resource-Poor Environments Invest More in Antiherbivore Defence?. Oikos, 1999, 87, 195.	2.7	26
38	GRAZING OPTIMIZATION AND NUTRIENT CYCLING: WHEN DO HERBIVORES ENHANCE PLANT PRODUCTION?. Ecology, 1998, 79, 2242-2252.	3.2	246