Anita Narwani

List of Publications by Year
in descending order

33 papers	6,472 citations	394390 19 h-index	395678 33 g-index
36 all docs	36 docs citations	36 times ranked	12006 citing authors

#	Article	IF	Citations
1	Biodiversity loss and its impact on humanity. Nature, 2012, 486, 59-67.	27.8	4,969
2	Toward an integration of evolutionary biology and ecosystem science. Ecology Letters, 2011, 14, 690-701.	6.4	232
3	Experimental evidence that evolutionary relatedness does not affect the ecological mechanisms of coexistence in freshwater green algae. Ecology Letters, 2013, 16, 1373-1381.	6.4	158
4	SPECIFICITY IN INDUCED PLANT RESPONSES SHAPES PATTERNS OF HERBIVORE OCCURRENCE ON SOLANUM DULCAMARA. Ecology, 2005, 86, 886-896.	3.2	133
5	Species richness, but not phylogenetic diversity, influences community biomass production and temporal stability in a reâ€examination of 16 grassland biodiversity studies. Functional Ecology, 2015, 29, 615-626.	3.6	124
6	Integrating community assembly and biodiversity to better understand ecosystem function: the Community Assembly and the Functioning of Ecosystems (<scp>CAFE</scp>) approach. Ecology Letters, 2018, 21, 167-180.	6.4	94
7	Detecting the macroevolutionary signal of species interactions. Journal of Evolutionary Biology, 2019, 32, 769-782.	1.7	66
8	The influence of phylogenetic relatedness on species interactions among freshwater green algae in a mesocosm experiment. Journal of Ecology, 2014, 102, 1288-1299.	4.0	53
9	Algal polycultures enhance coproduct recycling from hydrothermal liquefaction. Bioresource Technology, 2017, 224, 630-638.	9.6	50
10	Using phylogenetics in community assembly and ecosystem functioning research. Functional Ecology, 2015, 29, 589-591.	3.6	40
11	The evolution of competitive ability for essential resources. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190247.	4.0	32
12	Power of Plankton: Effects of Algal Biodiversity on Biocrude Production and Stability. Environmental Science & Technology, 2016, 50, 13142-13150.	10.0	28
13	Influence of biodiversity, biochemical composition, and species identity on the quality of biomass and biocrude oil produced via hydrothermalÂliquefaction. Algal Research, 2017, 26, 203-214.	4.6	28
14	Single-cell mass spectrometry reveals the importance of genetic diversity and plasticity for phenotypic variation in nitrogen-limited Chlamydomonas. ISME Journal, 2017, 11, 988-998.	9.8	27
15	Bottomâ€up effects of species diversity on the functioning and stability of food webs. Journal of Animal Ecology, 2012, 81, 701-713.	2.8	26
16	Evolutionary relatedness does not predict competition and co-occurrence in natural or experimental communities of green algae. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20141745.	2.6	26
17	Ecological interactions and coexistence are predicted by gene expression similarity in freshwater green algae. Journal of Ecology, 2017, 105, 580-591.	4.0	25
18	Community composition and consumer identity determine the effect of resource species diversity on rates of consumption. Ecology, 2010, 91, 3441-3447.	3.2	23

#	Article	IF	Citations
19	Simple-but-sound methods for estimating the value of changes in biodiversity for biological pest control in agriculture. Ecological Economics, 2015, 120, 215-225.	5.7	21
20	Ecological Stoichiometry Meets Ecological Engineering: Using Polycultures to Enhance the Multifunctionality of Algal Biocrude Systems. Environmental Science & Technology, 2017, 51, 11450-11458.	10.0	21
21	Common Ancestry Is a Poor Predictor of Competitive Traits in Freshwater Green Algae. PLoS ONE, 2015, 10, e0137085.	2.5	20
22	Temperatureâ€dependence of minimum resource requirements alters competitive hierarchies in phytoplankton. Oikos, 2019, 128, 1194-1205.	2.7	18
23	Further reâ€analyses looking for effects of phylogenetic diversity on community biomass and stability. Functional Ecology, 2015, 29, 1607-1610.	3.6	13
24	Evolution as an ecosystem process: insights from genomics. Genome, 2018, 61, 298-309.	2.0	11
25	Relative importance of endogenous and exogenous mechanisms in maintaining phytoplankton species diversity. Ecoscience, 2009, 16, 429-440.	1.4	10
26	Anthropogenic disturbance history influences the temporal coherence of paleoproductivity in two lakes. Journal of Paleolimnology, 2009, 42, 167-181.	1.6	9
27	On biological evolution and environmental solutions. Science of the Total Environment, 2020, 724, 138194.	8.0	9
28	Proteome evolution under non-substitutable resource limitation. Nature Communications, 2018, 9, 4650.	12.8	8
29	Interactive effects of foundation species on ecosystem functioning and stability in response to disturbance. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191857.	2.6	8
30	Ecological Engineering Helps Maximize Function in Algal Oil Production. Applied and Environmental Microbiology, 2018, 84, .	3.1	6
31	Nonâ€additive effects of foundation species determine the response of aquatic ecosystems to nutrient perturbation. Ecology, 2021, 102, e03371.	3.2	6
32	Diversity and temperature indirectly reduce CO2 concentrations in experimental freshwater communities. Oecologia, 2020, 192, 515-527.	2.0	4
33	A Diversity of Primary Producers in Lakes. , 2022, , 1-13.		1