

Shahid Naeem

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

29,470
citations

117625

34
h-index

114465

63
g-index

73
all docs

73
docs citations

73
times ranked

29579
citing authors

#	ARTICLE	IF	CITATIONS
1	The value of the world's ecosystem services and natural capital. <i>Nature</i> , 1997, 387, 253-260.	27.8	15,321
2	Biodiversity loss and its impact on humanity. <i>Nature</i> , 2012, 486, 59-67.	27.8	4,969
3	Biodiversity enhances ecosystem reliability. <i>Nature</i> , 1997, 390, 507-509.	27.8	1,193
4	Biodiversity increases the resistance of ecosystem productivity to climate extremes. <i>Nature</i> , 2015, 526, 574-577.	27.8	1,032
5	Tradeoffs and thresholds in the effects of nitrogen addition on biodiversity and ecosystem functioning: evidence from inner Mongolia Grasslands. <i>Global Change Biology</i> , 2010, 16, 358-372.	9.5	680
6	The Functions of Biological Diversity in an Age of Extinction. <i>Science</i> , 2012, 336, 1401-1406.	12.6	644
7	Functional and phylogenetic diversity as predictors of biodiversityâ€ecosystem-function relationships. <i>Ecology</i> , 2011, 92, 1573-1581.	3.2	605
8	Plant diversity increases resistance to invasion in the absence of covarying extrinsic factors. <i>Oikos</i> , 2000, 91, 97-108.	2.7	543
9	Plant diversity enhances ecosystem responses to elevated CO2 and nitrogen deposition. <i>Nature</i> , 2001, 410, 809-810.	27.8	517
10	Species Loss and Aboveground Carbon Storage in a Tropical Forest. <i>Science</i> , 2005, 310, 1029-1031.	12.6	390
11	ECOSYSTEM CONSEQUENCES OF BIODIVERSITY LOSS: THE EVOLUTION OF A PARADIGM. <i>Ecology</i> , 2002, 83, 1537-1552.	3.2	361
12	Functional traits in agriculture: agrobiodiversity and ecosystem services. <i>Trends in Ecology and Evolution</i> , 2015, 30, 531-539.	8.7	274
13	Do species and functional groups differ in acquisition and use of C, N and water under varying atmospheric CO2 and N availability regimes? A field test with 16 grassland species. <i>New Phytologist</i> , 2001, 150, 435-448.	7.3	240
14	Producerâ€decomposer co-dependency influences biodiversity effects. <i>Nature</i> , 2000, 403, 762-764.	27.8	223
15	Species Redundancy and Ecosystem Reliability. <i>Conservation Biology</i> , 1998, 12, 39-45.	4.7	171
16	Plant diversity effects on grassland productivity are robust to both nutrient enrichment and drought. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150277.	4.0	169
17	Biodiversity and human well-being: an essential link for sustainable development. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20162091.	2.6	137
18	The importance of rare species: a traitâ€based assessment of rare species contributions to functional diversity and possible ecosystem function in tallâ€grass prairies. <i>Ecology and Evolution</i> , 2014, 4, 104-112.	1.9	135

#	ARTICLE	IF	CITATIONS
19	DISENTANGLING THE IMPACTS OF DIVERSITY ON ECOSYSTEM FUNCTIONING IN COMBINATORIAL EXPERIMENTS. Ecology, 2002, 83, 2925-2935.	3.2	123
20	Biodiversity and Ecosystem Properties. Science, 1997, 278, 1865c-1869.	12.6	104
21	Ecosystem services, targets, and indicators for the conservation and sustainable use of biodiversity. Frontiers in Ecology and the Environment, 2011, 9, 512-520.	4.0	91
22	Groundwater depletion will reduce cropping intensity in India. Science Advances, 2021, 7, .	10.3	87
23	CONSUMER SPECIES RICHNESS AND AUTOTROPHIC BIOMASS. Ecology, 1998, 79, 2603-2615.	3.2	84
24	Biodiversity in the Anthropocene: prospects and policy. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20162094.	2.6	82
25	The impact of elevated CO ₂ , increased nitrogen availability and biodiversity on plant tissue quality and decomposition. Global Change Biology, 2007, 13, 1960-1971.	9.5	74
26	Advancing realism in biodiversity research. Trends in Ecology and Evolution, 2008, 23, 414-416.	8.7	69
27	Effects of plant functional group loss on soil biota and net ecosystem exchange: a plant removal experiment in the Mongolian grassland. Journal of Ecology, 2016, 104, 734-743.	4.0	58
28	The use of farmers' knowledge in coffee agroforestry management: implications for the conservation of tree biodiversity. Ecosphere, 2015, 6, 1-17.	2.2	57
29	Effects of functional diversity loss on ecosystem functions are influenced by compensation. Ecology, 2016, 97, 2293-2302.	3.2	56
30	Greater stability of carbon capture in species-rich natural forests compared to species-poor plantations. Environmental Research Letters, 2020, 15, 034011.	5.2	46
31	The role of coffee agroforestry in the conservation of tree diversity and community composition of native forests in a Biosphere Reserve. Agriculture, Ecosystems and Environment, 2014, 189, 154-163.	5.3	44
32	Plant neighborhood diversity and production. Ecoscience, 1999, 6, 355-365.	1.4	43
33	10 Years Later. Advances in Ecological Research, 2015, 53, 1-53.	2.7	43
34	Agricultural intensification and the functional capacity of soil microbes on smallholder African farms. Journal of Applied Ecology, 2015, 52, 744-752.	4.0	42
35	The effect of agricultural diversity and crop choice on functional capacity change in grassland conversions. Journal of Applied Ecology, 2011, 48, 609-618.	4.0	33
36	Testing biodiversity-ecosystem functioning relationship in the world's largest grassland: overview of the IMGRE project. Landscape Ecology, 2015, 30, 1723-1736.	4.2	30

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37	Opposing effects of different soil organic matter fractions on crop yields. <i>Ecological Applications</i> , 2016, 26, 2072-2085.	3.8	30
38	Conservation of tree species of late succession and conservation concern in coffee agroforestry systems. <i>Agriculture, Ecosystems and Environment</i> , 2016, 219, 32-41.	5.3	30
39	Predicting ecosystem vulnerability to biodiversity loss from community composition. <i>Ecology</i> , 2018, 99, 1099-1107.	3.2	30
40	Smallholder response to environmental change: Impacts of coffee leaf rust in a forest frontier in Mexico. <i>Land Use Policy</i> , 2018, 79, 463-474.	5.6	27
41	Farm management, not soil microbial diversity, controls nutrient loss from smallholder tropical agriculture. <i>Frontiers in Microbiology</i> , 2015, 6, 90.	3.5	26
42	Tradeoffs and thresholds in the effects of nitrogen addition on biodiversity and ecosystem functioning: evidence from inner Mongolia Grasslands. <i>Global Change Biology</i> , 2010, 16, 889-889.	9.5	22
43	Tree diversity and carbon storage cobenefits in tropical human-dominated landscapes. <i>Conservation Letters</i> , 2020, 13, e12699.	5.7	21
44	Declining diversity of wild-caught species puts dietary nutrient supplies at risk. <i>Science Advances</i> , 2021, 7, .	10.3	20
45	Diversity and extinction risk are inversely related at a global scale. <i>Ecology Letters</i> , 2022, 25, 697-707.	6.4	18
46	A more reliable design for biodiversity study?. <i>Nature</i> , 1998, 394, 30-30.	27.8	16
47	Bird assemblage vulnerability depends on the diversity and biogeographic histories of islands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10109-10114.	7.1	14
48	Substitution of inland fisheries with aquaculture and chicken undermines human nutrition in the Peruvian Amazon. <i>Nature Food</i> , 2021, 2, 192-197.	14.0	14
49	Scaling Thermal Properties from the Leaf to the Canopy in the Alaskan Arctic Tundra. <i>Arctic, Antarctic, and Alpine Research</i> , 2016, 48, 739-754.	1.1	13
50	Herbivore absence can shift dry heath tundra from carbon source to sink during peak growing season. <i>Environmental Research Letters</i> , 2021, 16, 024027.	5.2	13
51	Multitrophic diversity effects of network degradation. <i>Ecology and Evolution</i> , 2016, 6, 4936-4946.	1.9	12
52	Positive correlations in species functional contributions drive the response of multifunctionality to biodiversity loss. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192501.	2.6	12
53	Green with Complexity. <i>Science</i> , 2008, 319, 913-914.	12.6	10
54	Biodiversity-productivity relationships in a natural grassland community vary under diversity loss scenarios. <i>Journal of Ecology</i> , 2022, 110, 210-220.	4.0	10

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55	Contributions of financial, social and natural capital to food security around Kanha National Park in central India. <i>Regional Environmental Change</i> , 2020, 20, 1.	2.9	9
56	A mechanism of expansion: Arctic deciduous shrubs capitalize on warming-induced nutrient availability. <i>Oecologia</i> , 2020, 192, 671-685.	2.0	8
57	Power behind diversity's throne. <i>Nature</i> , 1999, 401, 653-654.	27.8	7
58	Ecosystem Services: Is a Planet Servicing One Species Likely to Function?. , 2013, , 303-321.		7
59	Biodiversity underpins fisheries resilience to exploitation in the Amazon river basin. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	2.6	7
60	Trophic complexity alters the diversityâ€™multifunctionality relationship in experimental grassland mesocosms. <i>Ecology and Evolution</i> , 2021, 11, 6471-6479.	1.9	6
61	Species Diversity and Ecosystem Functioning. <i>Science</i> , 2006, 312, 846-848.	12.6	6
62	Biodiversity as a Goal and Driver of Restoration. , 2016, , 57-89.		4
63	Biotic impoverishment. <i>Elementa</i> , 2013, 1, .	3.2	4
64	Relationships of overstory trees and shrubs with forage species portray ecosystem service interactions in smallholder fallows. <i>Agroforestry Systems</i> , 2013, 87, 451-464.	2.0	2
65	Consumer Species Richness and Autotrophic Biomass. <i>Ecology</i> , 1998, 79, 2603.	3.2	2
66	6 . Models of Ecosystem Reliability and Their Implications for the Question of Expendability. , 2003, , 109-139.		1
67	Biodiversity and thermal ecological function: The influence of freshwater algal diversity on local thermal environments. <i>Ecology and Evolution</i> , 2019, 9, 6949-6958.	1.9	1
68	Environmental risk in an age of biotic impoverishment. <i>Current Biology</i> , 2021, 31, R1164-R1169.	3.9	0
69	The Fine Art of Scientific Advocacy: A Tribute to Tom Lovejoy. <i>Science Advances</i> , 2022, 8, eabn9704.	10.3	0