

Eric B Searle

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,722
citations

516710

16
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

3067
citing authors

#	ARTICLE	IF	CITATIONS
1	Positive biodiversity-productivity relationship predominant in global forests. <i>Science</i> , 2016, 354, .	12.6	864
2	Biodiversity as a solution to mitigate climate change impacts on the functioning of forest ecosystems. <i>Biological Reviews</i> , 2018, 93, 439-456.	10.4	137
3	Effects of plant diversity on soil carbon in diverse ecosystems: a global meta-analysis. <i>Biological Reviews</i> , 2020, 95, 167-183.	10.4	107
4	Temporal changes in soil C:N:P stoichiometry over the past 60 years across subtropical China. <i>Global Change Biology</i> , 2018, 24, 1308-1320.	9.5	93
5	Climate change-associated trends in net biomass change are age dependent in western boreal forests of Canada. <i>Ecology Letters</i> , 2016, 19, 1150-1158.	6.4	89
6	Negative to positive shifts in diversity effects on soil nitrogen over time. <i>Nature Sustainability</i> , 2021, 4, 225-232.	23.7	67
7	Whole soil acidification and base cation reduction across subtropical China. <i>Geoderma</i> , 2020, 361, 114107.	5.1	50
8	Persistent and pervasive compositional shifts of western boreal forest plots in Canada. <i>Global Change Biology</i> , 2017, 23, 857-866.	9.5	41
9	Species-rich boreal forests grew more and suffered less mortality than species-poor forests under the environmental change of the past half-century. <i>Ecology Letters</i> , 2019, 22, 999-1008.	6.4	39
10	Complementarity effects are strengthened by competition intensity and global environmental change in the central boreal forests of Canada. <i>Ecology Letters</i> , 2020, 23, 79-87.	6.4	34
11	Tree size thresholds produce biased estimates of forest biomass dynamics. <i>Forest Ecology and Management</i> , 2017, 400, 468-474.	3.2	32
12	Carbon Storage Declines in Old Boreal Forests Irrespective of Succession Pathway. <i>Ecosystems</i> , 2018, 21, 1168-1182.	3.4	27
13	Sustainability of Canada's forestry sector may be compromised by impending climate change. <i>Forest Ecology and Management</i> , 2020, 474, 118352.	3.2	26
14	Phosphorus amendment mitigates nitrogen addition-induced phosphorus limitation in two plant species in a desert steppe, China. <i>Plant and Soil</i> , 2016, 399, 221-232.	3.7	25
15	Dynamics of understorey biomass, production and turnover associated with long-term overstorey succession in boreal forest of Canada. <i>Forest Ecology and Management</i> , 2018, 427, 152-161.	3.2	24
16	Temporal declines in tree longevity associated with faster lifetime growth rates in boreal forests. <i>Environmental Research Letters</i> , 2018, 13, 125003.	5.2	21
17	Higher tree diversity is linked to higher tree mortality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2013171119.	7.1	15
18	Initial responses of grass litter tissue chemistry and N:P stoichiometry to varied N and P input rates and ratios in Inner Mongolia. <i>Agriculture, Ecosystems and Environment</i> , 2018, 252, 114-125.	5.3	11

#	ARTICLE	IF	CITATIONS
19	Simulating the Effects of Intensifying Silviculture on Desired Species Yields across a Broad Environmental Gradient. <i>Forests</i> , 2021, 12, 755.	2.1	8
20	Phenotypic plasticity controls regional-scale variation in <i>Quercus variabilis</i> leaf $\delta^{13}C$. <i>Trees - Structure and Function</i> , 2016, 30, 1445-1453.	1.9	4
21	Climate change-associated trends in biomass dynamics are consistent across soil drainage classes in western boreal forests of Canada. <i>Forest Ecosystems</i> , 2017, 4, .	3.1	4
22	Trade-Offs among Release Treatments in Jack Pine Plantations: Twenty-Five Year Responses. <i>Forests</i> , 2021, 12, 370.	2.1	4
23	Effects of silvicultural treatments on post-harvesting residual tree mortality. <i>Forest Ecology and Management</i> , 2022, 506, 119974.	3.2	0