

Brian P Yurk

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

143
citations

1478505

6
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

160
citing authors

#	ARTICLE	IF	CITATIONS
1	Patterns of wind flow and aeolian deposition on a parabolic dune on the southeastern shore of Lake Michigan. <i>Geomorphology</i> , 2009, 105, 147-157.	2.6	43
2	Homogenization techniques for population dynamics in strongly heterogeneous landscapes. <i>Journal of Biological Dynamics</i> , 2018, 12, 171-193.	1.7	20
3	Modeling the Effects of Developmental Variation on Insect Phenology. <i>Bulletin of Mathematical Biology</i> , 2010, 72, 1334-1360.	1.9	17
4	Modeling the Evolution of Insect Phenology. <i>Bulletin of Mathematical Biology</i> , 2009, 71, 952-979.	1.9	13
5	A deadtime model for the calibration of impact sensors with an application to a modified miniphone sensor. <i>Aeolian Research</i> , 2013, 11, 43-54.	2.7	12
6	Dunes of the Laurentian Great Lakes. <i>Dunes of the World</i> , 2020, , 65-120.	0.5	9
7	The role of extratropical cyclones in shaping dunes along southern and southeastern Lake Michigan. , 2014, , .		8
8	Waxing and waning slacks: The changing ecohydrology of interdunal wetlands/slacks in a Lake Michigan coastal dune complex during rising Lake Michigan-Huron levels. <i>Journal of Great Lakes Research</i> , 2021, 47, 1565-1580.	1.9	5
9	Effects of wind patterns and changing wind velocities on aeolian drift potential along the Lake Michigan shore. <i>Journal of Great Lakes Research</i> , 2021, 47, 1504-1504.	1.9	4
10	Dune complexes along the southeastern shore of Lake Michigan: Geomorphic history and contemporary processes. , 2013, , 57-102.		3
11	Homogenization of a Directed Dispersal Model for Animal Movement in a Heterogeneous Environment. <i>Bulletin of Mathematical Biology</i> , 2016, 78, 2034-2056.	1.9	3
12	Homogenization analysis of invasion dynamics in heterogeneous landscapes with differential bias and motility. <i>Journal of Mathematical Biology</i> , 2018, 77, 27-54.	1.9	3
13	Bridging the scale gap: Predicting large-scale population dynamics from small-scale variation in strongly heterogeneous landscapes. <i>Methods in Ecology and Evolution</i> , 0, , .	5.2	2
14	Using photographic measurement and gigapixel panoramas to study changes in a Lake Michigan sand dune. <i>Journal of Great Lakes Research</i> , 2021, 47, 1495-1495.	1.9	1