

# Aristides Moustakas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5427374/publications.pdf>

Version: 2024-02-01

49  
papers

1,202  
citations

448610

19  
h-index

445137

33  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2366  
citing authors

#	ARTICLE	IF	CITATIONS
1	The biodiversity-wind energy-land use nexus in a global biodiversity hotspot. <i>Science of the Total Environment</i> , 2021, 768, 144471.	3.9	43
2	Minimal effect of prescribed burning on fire spread rate and intensity in savanna ecosystems. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021, 35, 849-860.	1.9	1
3	A spatially explicit impact assessment of road characteristics, road-induced fragmentation and noise on birds species in Cyprus. <i>Biodiversity</i> , 2020, 21, 61-71.	0.5	3
4	Data-driven competitive facilitative tree interactions and their implications on nature-based solutions. <i>Science of the Total Environment</i> , 2019, 651, 2269-2280.	3.9	4
5	Assessing the predictive causality of individual based models using Bayesian inference intervention analysis: an application in epidemiology. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 2861-2869.	1.9	3
6	Sampling alien species inside and outside protected areas: Does it matter?. <i>Science of the Total Environment</i> , 2018, 625, 194-198.	3.9	17
7	Plasticity in foraging behaviour as a possible response to climate change. <i>Ecological Informatics</i> , 2018, 47, 61-66.	2.3	14
8	Abrupt events and population synchrony in the dynamics of Bovine Tuberculosis. <i>Nature Communications</i> , 2018, 9, 2821.	5.8	10
9	Uncertainty in Marine Invasion Science. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	36
10	Editorial: Data Mining and Methods for Early Detection, Horizon Scanning, Modelling, and Risk Assessment of Invasive Species. <i>Frontiers in Applied Mathematics and Statistics</i> , 2018, 4, .	0.7	8
11	Spatio-temporal data mining in ecological and veterinary epidemiology. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017, 31, 829-834.	1.9	24
12	Modified niche optima and breadths explain the historical contingency of bacterial community responses to eutrophication in coastal sediments. <i>Molecular Ecology</i> , 2017, 26, 2006-2018.	2.0	20
13	A big-data spatial, temporal and network analysis of bovine tuberculosis between wildlife (badgers) and cattle. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017, 31, 315-328.	1.9	17
14	Spatial Downscaling of Alien Species Presences Using Machine Learning. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	9
15	Evaluating Hypotheses of Plant Species Invasions on Mediterranean Islands: Inverse Patterns between Alien and Endemic Species. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	1.1	10
16	A comparison between data requirements and availability for calibrating predictive ecological models for lowland <sc>UK</sc> woodlands: learning new tricks from old trees. <i>Ecology and Evolution</i> , 2016, 6, 4812-4822.	0.8	18
17	The effect of fire on tree-grass coexistence in savannas: a simulation study. <i>International Journal of Wildland Fire</i> , 2016, 25, 137.	1.0	13
18	Regional and temporal characteristics of bovine tuberculosis of cattle in Great Britain. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016, 30, 989-1003.	1.9	12

#	ARTICLE	IF	CITATIONS
19	The effects of marine protected areas over time and species' dispersal potential: a quantitative conservation conflict attempt. <i>Web Ecology</i> , 2016, 16, 113-122.	0.4	2
20	Allometry and growth of eight tree taxa in United Kingdom woodlands. <i>Scientific Data</i> , 2015, 2, 150006.	2.4	13
21	Fire acting as an increasing spatial autocorrelation force: Implications for pattern formation and ecological facilitation. <i>Ecological Complexity</i> , 2015, 21, 142-149.	1.4	17
22	Coupling models of cattle and farms with models of badgers for predicting the dynamics of bovine tuberculosis (TB). <i>Stochastic Environmental Research and Risk Assessment</i> , 2015, 29, 623-635.	1.9	23
23	Modelling the combined effects of land use and climatic changes: Coupling bioclimatic modelling with Markov-chain Cellular Automata in a case study in Cyprus. <i>Ecological Informatics</i> , 2015, 30, 241-249.	2.3	26
24	Effects of growth rate, size, and light availability on tree survival across life stages: a demographic analysis accounting for missing values and small sample sizes. <i>BMC Ecology</i> , 2015, 15, 6.	3.0	20
25	Data availability and model complexity, generality, and utility: a reply to Loneragan. <i>Trends in Ecology and Evolution</i> , 2014, 29, 302-303.	4.2	21
26	Post-fire succession indices performance in a Mediterranean ecosystem. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013, 27, 323-335.	1.9	4
27	Tree effects on grass growth in savannas: competition, facilitation and the stress-€gradient hypothesis. <i>Journal of Ecology</i> , 2013, 101, 202-209.	1.9	163
28	Predictive systems ecology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131452.	1.2	114
29	Facilitation or Competition? Tree Effects on Grass Biomass across a Precipitation Gradient. <i>PLoS ONE</i> , 2013, 8, e57025.	1.1	57
30	Integrating Evolution into Ecological Modelling: Accommodating Phenotypic Changes in Agent Based Models. <i>PLoS ONE</i> , 2013, 8, e71125.	1.1	15
31	Adapting foraging to habitat heterogeneity and climate change: an individual-based model for wading birds. <i>Ethology Ecology and Evolution</i> , 2012, 24, 209-229.	0.6	2
32	perspective: Learning new tricks from old trees: revisiting the savanna question. <i>Frontiers of Biogeography</i> , 2012, 2, .	0.8	3
33	Patterns of beta diversity in Europe: the role of climate, land cover and distance across scales. <i>Journal of Biogeography</i> , 2012, 39, 1473-1486.	1.4	104
34	Spatial and temporal effects on the efficacy of marine protected areas: implications from an individual based model. <i>Stochastic Environmental Research and Risk Assessment</i> , 2011, 25, 403-413.	1.9	12
35	The impacts over time of marine protected areas: A null model. <i>Ocean and Coastal Management</i> , 2011, 54, 312-317.	2.0	8
36	Are savannas patch-dynamic systems? A landscape model. <i>Ecological Modelling</i> , 2009, 220, 3576-3588.	1.2	25

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37	Estimating tree abundance from remotely sensed imagery in semi-arid and arid environments: bringing small trees to the light. <i>Stochastic Environmental Research and Risk Assessment</i> , 2009, 23, 111-118.	1.9	7
38	A geographic analysis of the published aquatic biodiversity research in relation to the ecological footprint of the country where the work was done. <i>Stochastic Environmental Research and Risk Assessment</i> , 2009, 23, 737-748.	1.9	11
39	Determining patch size. <i>African Journal of Ecology</i> , 2008, 46, 440-442.	0.4	2
40	Spacing patterns of an Acacia tree in the Kalahari over a 61-year period: How clumped becomes regular and vice versa. <i>Acta Oecologica</i> , 2008, 33, 355-364.	0.5	35
41	Multi-proxy evidence for competition between savanna woody species. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2008, 10, 63-72.	1.1	46
42	Geostatistical analysis of tree size distributions in the southern Kalahari obtained from remotely sensed data. <i>Proceedings of SPIE</i> , 2007, , .	0.8	0
43	The rhythm of savanna patch dynamics. <i>Journal of Ecology</i> , 2007, 95, 1306-1315.	1.9	54
44	SATCHMO: A spatial simulation model of growth, competition, and mortality in cycling savanna patches. <i>Ecological Modelling</i> , 2007, 209, 377-391.	1.2	31
45	Long-term mortality patterns of the deep-rooted Acacia erioloba : The middle class shall die!. <i>Journal of Vegetation Science</i> , 2006, 17, 473-480.	1.1	24
46	A spatially explicit learning model of migratory fish and fishers for evaluating closed areas. <i>Ecological Modelling</i> , 2006, 192, 245-258.	1.2	21
47	Long-term mortality patterns of the deep-rooted Acacia erioloba: The middle class shall die!. <i>Journal of Vegetation Science</i> , 2006, 17, 473.	1.1	21
48	Big is not better: small Acacia mellifera shrubs are more vital after fire. <i>African Journal of Ecology</i> , 2005, 43, 131-136.	0.4	38
49	How Diverse is Aquatic Biodiversity Research?. <i>Aquatic Ecology</i> , 2005, 39, 367-375.	0.7	18