

Aristides Moustakas

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,202
citations

394421

19
h-index

395702

33
g-index

52
all docs

52
docs citations

52
times ranked

2106
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. | 8.0 | 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. | 4.0 | 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. | 1.1 | 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. | 8.0 | 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. | 4.0 | 3 |
| 6 | Sampling alien species inside and outside protected areas: Does it matter?. <i>Science of the Total Environment</i> , 2018, 625, 194-198. | 8.0 | 17 |
| 7 | Plasticity in foraging behaviour as a possible response to climate change. <i>Ecological Informatics</i> , 2018, 47, 61-66. | 5.2 | 14 |
| 8 | Abrupt events and population synchrony in the dynamics of Bovine Tuberculosis. <i>Nature Communications</i> , 2018, 9, 2821. | 12.8 | 10 |
| 9 | Uncertainty in Marine Invasion Science. <i>Frontiers in Marine Science</i> , 2018, 5, . | 2.5 | 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, . | 1.3 | 8 |
| 11 | Spatio-temporal data mining in ecological and veterinary epidemiology. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017, 31, 829-834. | 4.0 | 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. | 3.9 | 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. | 4.0 | 17 |
| 14 | Spatial Downscaling of Alien Species Presences Using Machine Learning. <i>Frontiers in Earth Science</i> , 2017, 5, . | 1.8 | 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, . | 2.2 | 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. | 1.9 | 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. | 2.4 | 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. | 4.0 | 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. | 1.6 | 2 |
| 20 | Allometry and growth of eight tree taxa in United Kingdom woodlands. <i>Scientific Data</i> , 2015, 2, 150006. | 5.3 | 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. | 2.9 | 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. | 4.0 | 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. | 5.2 | 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. | 8.7 | 21 |
| 26 | Post-fire succession indices performance in a Mediterranean ecosystem. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013, 27, 323-335. | 4.0 | 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. | 4.0 | 163 |
| 28 | Predictive systems ecology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131452. | 2.6 | 114 |
| 29 | Facilitation or Competition? Tree Effects on Grass Biomass across a Precipitation Gradient. <i>PLoS ONE</i> , 2013, 8, e57025. | 2.5 | 57 |
| 30 | Integrating Evolution into Ecological Modelling: Accommodating Phenotypic Changes in Agent Based Models. <i>PLoS ONE</i> , 2013, 8, e71125. | 2.5 | 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. | 1.4 | 2 |
| 32 | perspective: Learning new tricks from old trees: revisiting the savanna question. <i>Frontiers of Biogeography</i> , 2012, 2, . | 1.8 | 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. | 3.0 | 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. | 4.0 | 12 |
| 35 | The impacts over time of marine protected areas: A null model. <i>Ocean and Coastal Management</i> , 2011, 54, 312-317. | 4.4 | 8 |
| 36 | Are savannas patch-dynamic systems? A landscape model. <i>Ecological Modelling</i> , 2009, 220, 3576-3588. | 2.5 | 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. | 4.0 | 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. | 4.0 | 11 |
| 39 | Determining patch size. <i>African Journal of Ecology</i> , 2008, 46, 440-442. | 0.9 | 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. | 1.1 | 35 |
| 41 | Multi-proxy evidence for competition between savanna woody species. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2008, 10, 63-72. | 2.7 | 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. | 4.0 | 54 |
| 44 | SATCHMO: A spatial simulation model of growth, competition, and mortality in cycling savanna patches. <i>Ecological Modelling</i> , 2007, 209, 377-391. | 2.5 | 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. | 2.2 | 24 |
| 46 | A spatially explicit learning model of migratory fish and fishers for evaluating closed areas. <i>Ecological Modelling</i> , 2006, 192, 245-258. | 2.5 | 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. | 2.2 | 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. | 0.9 | 38 |
| 49 | How Diverse is Aquatic Biodiversity Research?. <i>Aquatic Ecology</i> , 2005, 39, 367-375. | 1.5 | 18 |