

Roozbeh Valavi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,193
citations

949033

11
h-index

993246

17
g-index

19
all docs

19
docs citations

19
times ranked

1462
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictive performance of presence-only species distribution models: a benchmark study with reproducible code. <i>Ecological Monographs</i> , 2022, 92, e01486.	2.4	195
2	On the spatiotemporal generalization of machine learning and ensemble models for simulating built-up land expansion. <i>Transactions in GIS</i> , 2022, 26, 1080-1097.	1.0	5
3	Integrating species metrics into biodiversity offsetting calculations to improve long-term persistence. <i>Journal of Applied Ecology</i> , 2022, 59, 1060-1071.	1.9	5
4	The conservation impacts of ecological disturbance: Time-bound estimates of population loss and recovery for fauna affected by the 2019–2020 Australian megafires. <i>Global Ecology and Biogeography</i> , 2022, 31, 2085-2104.	2.7	45
5	Quantifying the impact of vegetation-based metrics on species persistence when choosing offsets for habitat destruction. <i>Conservation Biology</i> , 2021, 35, 567-577.	2.4	15
6	Influence of inundation characteristics on the distribution of dryland floodplain vegetation communities. <i>Ecological Indicators</i> , 2021, 124, 107429.	2.6	6
7	Modelling species presence-only data with random forests. <i>Ecography</i> , 2021, 44, 1731-1742.	2.1	77
8	Testing the Influence of Seascape Connectivity on Marine-Based Species Distribution Models. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	3
9	Presence-only and Presence-absence Data for Comparing Species Distribution Modeling Methods. <i>Biodiversity Informatics</i> , 2020, 15, 69-80.	3.0	38
10	Modeling the spatial variation of urban land surface temperature in relation to environmental and anthropogenic factors: a case study of Tehran, Iran. <i>GIScience and Remote Sensing</i> , 2020, 57, 483-496.	2.4	40
11	Improving the Spatial Prediction of Soil Organic Carbon Content in Two Contrasting Climatic Regions by Stacking Machine Learning Models and Rescanning Covariate Space. <i>Remote Sensing</i> , 2020, 12, 1095.	1.8	109
12	Exploring the driving forces and digital mapping of soil organic carbon using remote sensing and soil texture. <i>Catena</i> , 2019, 182, 104141.	2.2	59
13	Application of Machine Learning to Model Wetland Inundation Patterns Across a Large Semiarid Floodplain. <i>Water Resources Research</i> , 2019, 55, 8765-8778.	1.7	27
14	CV: An R package for generating spatially or environmentally separated folds for k-fold cross-validation of species distribution models. <i>Methods in Ecology and Evolution</i> , 2019, 10, 225-232.	2.2	299
15	Modelling climate change effects on Zagros forests in Iran using individual and ensemble forecasting approaches. <i>Theoretical and Applied Climatology</i> , 2019, 137, 1015-1025.	1.3	21
16	Novel forecasting approaches using combination of machine learning and statistical models for flood susceptibility mapping. <i>Journal of Environmental Management</i> , 2018, 217, 1-11.	3.8	231
17	A probabilistic space-time prism to explore changes in white Stork habitat use in Iran. <i>Ecological Indicators</i> , 2017, 78, 156-166.	2.6	1