

Roozbeh Valavi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,193
citations

840776

11
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

1301
citing authors

#	ARTICLE	IF	CITATIONS
1	<sc>block</sc><sc>CV</sc>: An <sc>r</sc> package for generating spatially or environmentally separated folds for <i>k</i>-fold cross-validation of species distribution models. <i>Methods in Ecology and Evolution</i> , 2019, 10, 225-232.	5.2	299
2	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.	7.8	231
3	Predictive performance of presence-only species distribution models: a benchmark study with reproducible code. <i>Ecological Monographs</i> , 2022, 92, e01486.	5.4	195
4	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.	4.0	109
5	Modelling species presence-only data with random forests. <i>Ecography</i> , 2021, 44, 1731-1742.	4.5	77
6	Exploring the driving forces and digital mapping of soil organic carbon using remote sensing and soil texture. <i>Catena</i> , 2019, 182, 104141.	5.0	59
7	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.	5.8	45
8	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.	5.9	40
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	Application of Machine Learning to Model Wetland Inundation Patterns Across a Large Semi-arid Floodplain. <i>Water Resources Research</i> , 2019, 55, 8765-8778.	4.2	27
11	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.	2.8	21
12	Quantifying the impact of vegetation-based metrics on species persistence when choosing offsets for habitat destruction. <i>Conservation Biology</i> , 2021, 35, 567-577.	4.7	15
13	Influence of inundation characteristics on the distribution of dryland floodplain vegetation communities. <i>Ecological Indicators</i> , 2021, 124, 107429.	6.3	6
14	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.	2.3	5
15	Integrating species metrics into biodiversity offsetting calculations to improve long-term persistence. <i>Journal of Applied Ecology</i> , 2022, 59, 1060-1071.	4.0	5
16	Testing the Influence of Seascape Connectivity on Marine-Based Species Distribution Models. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	3
17	A probabilistic space-time prism to explore changes in white Stork habitat use in Iran. <i>Ecological Indicators</i> , 2017, 78, 156-166.	6.3	1