

Baihua Fu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

776
citations

840585

11
h-index

887953

17
g-index

21
all docs

21
docs citations

21
times ranked

1241
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of catchment-scale water quality and erosion models and a synthesis of future prospects. <i>Environmental Modelling and Software</i> , 2019, 114, 75-97.	1.9	142
2	Riparian vegetation NDVI dynamics and its relationship with climate, surface water and groundwater. <i>Journal of Arid Environments</i> , 2015, 113, 59-68.	1.2	137
3	A review of surface erosion and sediment delivery models for unsealed roads. <i>Environmental Modelling and Software</i> , 2010, 25, 1-14.	1.9	110
4	Effective modeling for Integrated Water Resource Management: A guide to contextual practices by phases and steps and future opportunities. <i>Environmental Modelling and Software</i> , 2019, 116, 40-56.	1.9	76
5	Scenario processes for socio-environmental systems analysis of futures: A review of recent efforts and a salient research agenda for supporting decision making. <i>Science of the Total Environment</i> , 2020, 729, 138393.	3.9	74
6	A framework for characterising and evaluating the effectiveness of environmental modelling. <i>Environmental Modelling and Software</i> , 2019, 118, 83-98.	1.9	54
7	Modeling Water Quality in Watersheds: From Here to the Next Generation. <i>Water Resources Research</i> , 2020, 56, e2020WR027721.	1.7	54
8	Realizing modelling outcomes: A synthesis of success factors and their use in a retrospective analysis of 15 Australian water resource projects. <i>Environmental Modelling and Software</i> , 2017, 94, 63-72.	1.9	20
9	Methods for Exploring Uncertainty in Groundwater Management Predictions. , 2016, , 711-737.		17
10	Fit-for-purpose environmental modeling: Targeting the intersection of usability, reliability and feasibility. <i>Environmental Modelling and Software</i> , 2022, 148, 105278.	1.9	17
11	An iterative method for discovering feasible management interventions and targets conjointly using uncertainty visualizations. <i>Environmental Modelling and Software</i> , 2015, 71, 159-173.	1.9	15
12	Assessing climate change impacts on wetlands in a flow regulated catchment: A case study in the Macquarie Marshes, Australia. <i>Journal of Environmental Management</i> , 2015, 157, 127-138.	3.8	14
13	Modelling erosion and sediment delivery from unsealed roads in southeast Australia. <i>Mathematics and Computers in Simulation</i> , 2009, 79, 2679-2688.	2.4	11
14	Assessing certainty and uncertainty in riparian habitat suitability models by identifying parameters with extreme outputs. <i>Environmental Modelling and Software</i> , 2014, 60, 277-289.	1.9	10
15	A formative and self-reflective approach to monitoring and evaluation of interdisciplinary team research: An integrated water resource modelling application in Australia. <i>Journal of Hydrology</i> , 2021, 596, 126070.	2.3	6
16	A weight-of-evidence approach to integrate suspended sediment source information. <i>Journal of Environmental Management</i> , 2013, 128, 182-191.	3.8	5
17	A note on communicating environmental change for non-market valuation. <i>Ecological Indicators</i> , 2017, 72, 165-172.	2.6	5
18	Development of an integrated model for the Campaspe catchment: a tool to help improve understanding of the interaction between society, policy, farming decision, ecology, hydrology and climate. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 379, 1-12.	1.0	5

#	ARTICLE	IF	CITATIONS
19	A bricolage-style exploratory scenario analysis to manage uncertainty in socio-environmental systems modeling: investigating integrated water management options. Socio-Environmental Systems Modeling, 0, 2, 16227.	0.0	3
20	Modelling for Managing the Complex Issue of Catchment-Scale Surface and Groundwater Allocation. Advances in Intelligent Systems and Computing, 2014, , 25-41.	0.5	1
21	Integrated Approaches Within Water Resource Planning and Management in Australiaâ€”Theory and Application. , 2017, , 205-217.		0