

# Baihua Fu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8375190/publications.pdf>

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  | 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        |
| 2  | 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         |
| 3  | Modeling Water Quality in Watersheds: From Here to the Next Generation. <i>Water Resources Research</i> , 2020, 56, e2020WR027721.  | 1.7 | 54        |
| 4  | 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        |
| 5  | A framework for characterising and evaluating the effectiveness of environmental modelling. <i>Environmental Modelling and Software</i> , 2019, 118, 83-98.   | 1.9 | 54        |
| 6  | 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        |
| 7  | 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       |
| 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  | A note on communicating environmental change for non-market valuation. <i>Ecological Indicators</i> , 2017, 72, 165-172.  | 2.6 | 5         |
| 10 | Integrated Approaches Within Water Resource Planning and Management in Australia – Theory and Application. , 2017, , 205-217.   |     | 0         |
| 11 | Methods for Exploring Uncertainty in Groundwater Management Predictions. , 2016, , 711-737.   |     | 17        |
| 12 | 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        |
| 13 | 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        |
| 14 | 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       |
| 15 | 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        |
| 16 | Modelling for Managing the Complex Issue of Catchment-Scale Surface and Groundwater Allocation. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 25-41.   | 0.5 | 1         |
| 17 | A weight-of-evidence approach to integrate suspended sediment source information. <i>Journal of Environmental Management</i> , 2013, 128, 182-191.  | 3.8 | 5         |
| 18 | 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       |

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|----|--|-----|-----------|
| 19 | 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        |
| 20 | A bricolage-style exploratory scenario analysis to manage uncertainty in socio-environmental systems modeling: investigating integrated water management options. <i>Socio-Environmental Systems Modeling</i> , 0, 2, 16227.   | 0.0 | 3         |
| 21 | 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         |