

Keighobad Jafarzadegan

List of Publications by Year in descending order

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14
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397
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A DEM-based approach for large-scale floodplain mapping in ungauged watersheds. <i>Journal of Hydrology</i> , 2017, 550, 650-662. | 2.3 | 74 |
| 2 | Hazard risk awareness and disaster management: Extracting the information content of twitter data. <i>Sustainable Cities and Society</i> , 2022, 77, 103577. | 5.1 | 45 |
| 3 | Optimal water and waste load allocation in reservoirâ€“river systems: a case study. <i>Environmental Earth Sciences</i> , 2014, 71, 4127-4142. | 1.3 | 41 |
| 4 | Global sensitivity analysis in hydrodynamic modeling and flood inundation mapping. <i>Environmental Modelling and Software</i> , 2022, 152, 105398. | 1.9 | 37 |
| 5 | A stochastic model for optimal operation of inter-basin water allocation systems: a case study. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014, 28, 1343-1358. | 1.9 | 36 |
| 6 | Drought Vulnerability in the United States: An Integrated Assessment. <i>Water (Switzerland)</i> , 2020, 12, 2033. | 1.2 | 30 |
| 7 | A Fuzzy Variable Least Core Game for Inter-basin Water Resources Allocation Under Uncertainty. <i>Water Resources Management</i> , 2013, 27, 3247-3260. | 1.9 | 28 |
| 8 | Sequential data assimilation for real-time probabilistic flood inundation mapping. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 4995-5011. | 1.9 | 26 |
| 9 | A geomorphic approach to 100-year floodplain mapping for the Conterminous United States. <i>Journal of Hydrology</i> , 2018, 561, 43-58. | 2.3 | 24 |
| 10 | Probabilistic floodplain mapping using HAND-based statistical approach. <i>Geomorphology</i> , 2019, 324, 48-61. | 1.1 | 19 |
| 11 | Combining clustering and classification for the regionalization of environmental model parameters: Application to floodplain mapping in data-scarce regions. <i>Environmental Modelling and Software</i> , 2020, 125, 104613. | 1.9 | 13 |
| 12 | Toward improved river boundary conditioning for simulation of extreme floods. <i>Advances in Water Resources</i> , 2021, 158, 104059. | 1.7 | 10 |
| 13 | Regionalization of stage-discharge rating curves for hydrodynamic modeling in ungauged basins. <i>Journal of Hydrology</i> , 2020, 589, 125165. | 2.3 | 9 |
| 14 | Real-time coastal flood hazard assessment using DEM-based hydrogeomorphic classifiers. <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 1419-1435. | 1.5 | 9 |