

Ujjwal Kc

List of Publications by Year in descending order

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11
papers

90
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1477746

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all docs

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docs citations

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times ranked

104
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Cloud Computing in natural hazard modeling systems: Current research trends and future directions. <i>International Journal of Disaster Risk Reduction</i> , 2019, 38, 101188. | 1.8 | 37 |
| 2 | A cloud-based framework for sensitivity analysis of natural hazard models. <i>Environmental Modelling and Software</i> , 2020, 134, 104800. | 1.9 | 13 |
| 3 | An efficient framework for ensemble of natural disaster simulations as a service. <i>Geoscience Frontiers</i> , 2020, 11, 1859-1873. | 4.3 | 8 |
| 4 | Global sensitivity analysis for uncertainty quantification in fire spread models. <i>Environmental Modelling and Software</i> , 2021, 143, 105110. | 1.9 | 8 |
| 5 | A Case Study of Adding Proactivity in Indoor Social Robots Using Belief-Desire-Intention (BDI) Model. <i>Biomimetics</i> , 2019, 4, 74. | 1.5 | 7 |
| 6 | A Surrogate Model for Rapidly Assessing the Size of a Wildfire over Time. <i>Fire</i> , 2021, 4, 20. | 1.2 | 7 |
| 7 | A probability-based risk metric for operational wildfire risk management. <i>Environmental Modelling and Software</i> , 2022, 148, 105286. | 1.9 | 4 |
| 8 | Providing Consistent State to Distributed Storage System. <i>Computers</i> , 2021, 10, 23. | 2.1 | 3 |
| 9 | Mobility-Based Resource Allocation and Provisioning in Fog and Edge Computing Paradigms: Review, Challenges, and Future Directions. , 2021, , 251-279. | | 3 |
| 10 | SMOaaS: a Scalable Matrix Operation as a Service model in Cloud. <i>Journal of Supercomputing</i> , 2021, 77, 3381-3401. | 2.4 | 0 |
| 11 | Resource scheduling and provisioning for processing of dynamic stream workflows under latency constraints. <i>Future Generation Computer Systems</i> , 2022, 131, 166-182. | 4.9 | 0 |