# Ujjwal Kc

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 11 papers | 90 citations | 1477746<br>6 h-index | 1588620<br>8 g-index |
| 11 all docs | 11 docs citations | 11 times ranked | 104 citing authors |

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