**Papers Published in Journals:**

| **#** | **Authors; Title; Journal; Vol; No; Pages; Year of Publication** | **Indexed By** | **DOI** |
| --- | --- | --- | --- |
| 1 | Subhrendu Chattopadhyay, Soumyajit Chatterjee, Sukumar Nandi, Sandip Chakraborty; Aloe: Fault-tolerant network management and orchestration framework for IoT applications; IEEE Transactions on Network and Service Management; 17;4:2396–2409; 2020. | SCI | 10.1109/TNSM.2020.3008426 |
| 2 | Sandip Chakraborty, Sukumar Nandi, Subhrendu Chattopadhyay; Alleviating hidden and exposed nodes in high-throughput wireless mesh networks; IEEE Transactions on Wireless communications; 15; 2; 928–937; 2016. | SCI | 10.1109/TWC.2015.2480398 |
| 3. | Shubha Brata Nath, Subhrendu Chattopadhyay, Raja Karmakar, Sourav Kanti Addya, Sandip Chakraborty and Soumya K Ghosh ; Containerized Deployment of Micro-services in Fog Devices: A Reinforcement Learning-based Approach; The Journal of Supercomputing, Springer US; 78; 5: 6817–6845; 2022. |  | https://doi.org/10.1007/s11227-021-04135-2 |

**Papers Published in Conferences:**

| **#** | **Authors; Title; Vol; No; Pages** | **Role** | **DOI** | **Conference type** | **Indexed By** |
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| 1 | Subhrendu Chattopadhyay, Soumyajit Chatterjee, Sukumar Nandi, Sandip Chakraborty; Aloe: An elastic auto-scaled and self-stabilized orchestration framework for IoT applications; In 38th IEEE International Conference on Computer Communications (INFOCOM); 38; 802-810; 2019. | First Author | 10.1109/INFOCOM.2019.8737656 | Int. | SCI |
| 2 | Subhrendu Chattopadhyay, Sukumar Nandi, Sandip Chakraborty, Abhinandan Prasad; Amalgam: Distributed network control with scalable service chaining; In 19th IFIP Networking Conference (IFIP Networking); 19; 519-523; 2020 | First Author | NA | Int. | Scopus |
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| 4 | Subhrendu Chattopadhyay, Sukumar Nandi, Samar Shailendra, Sandip Chakraborty; Poster: Primary path effect in multi-path TCP: How serious is it for deployment consideration?; In 18th ACM International Symposium on Mobile Ad Hoc Networking and Computing (MobiHoc); 18; 36; 2017. | First Author | 10.1145/3084041.3084076 | Int. | Scopus |
| 5 | Subhrendu Chattopadhyay, Samar Shailendra, Sukumar Nandi, Sandip Chakraborty; Improving MPTCP performance by enabling sub-flow selection over a SDN supported network; In 14th International Conference on Wireless and Mobile Computing; Networking and Communications (WiMob); 14; 1-8; 2018. | First Author | 10.1109/WiMOB.2018.8589143 | Int. | SCI |
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