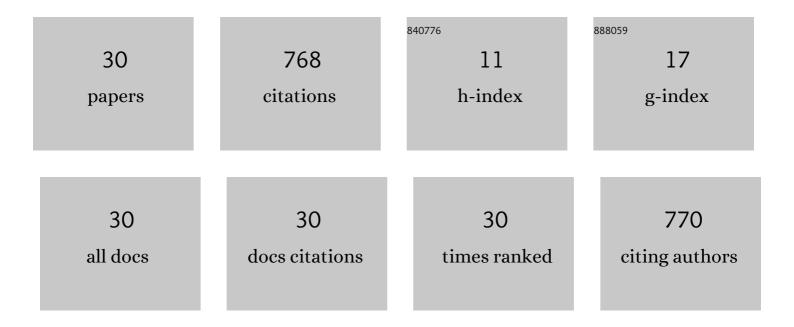
Chiranjib Saha

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3549389/publications.pdf Version: 2024-02-01



CHIDANIIR SAHA

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 3GPP-Inspired HetNet Model Using Poisson Cluster Process: Sum-Product Functionals and Downlink Coverage. IEEE Transactions on Communications, 2018, 66, 2219-2234. | 7.8 | 96 |
| 2 | Enriched \$K\$ -Tier HetNet Model to Enable the Analysis of User-Centric Small Cell Deployments. IEEE Transactions on Wireless Communications, 2017, 16, 1593-1608. | 9.2 | 88 |
| 3 | Millimeter Wave Integrated Access and Backhaul in 5G: Performance Analysis and Design Insights. IEEE Journal on Selected Areas in Communications, 2019, 37, 2669-2684. | 14.0 | 75 |
| 4 | Bandwidth Partitioning and Downlink Analysis in Millimeter Wave Integrated Access and Backhaul for 5G. IEEE Transactions on Wireless Communications, 2018, 17, 8195-8210. | 9.2 | 65 |
| 5 | Enhanced Multiobjective Evolutionary Algorithm Based on Decomposition for Solving the Unit Commitment Problem. IEEE Transactions on Industrial Informatics, 2015, 11, 1346-1357. | 11.3 | 61 |
| 6 | A Fuzzy Rule-Based Penalty Function Approach for Constrained Evolutionary Optimization. IEEE Transactions on Cybernetics, 2016, 46, 2953-2965. | 9.5 | 57 |
| 7 | Nearest-Neighbor and Contact Distance Distributions for Matérn Cluster Process. IEEE Communications Letters, 2017, 21, 2686-2689. | 4.1 | 41 |
| 8 | Unified Analysis of HetNets Using Poisson Cluster Processes Under Max-Power Association. IEEE Transactions on Wireless Communications, 2019, 18, 3797-3812. | 9.2 | 36 |
| 9 | Poisson cluster process: Bridging the gap between PPP and 3GPP HetNet models. , 2017, , . | | 34 |
| 10 | Dynamic Constrained Optimization with offspring repair based Gravitational Search Algorithm. , 2013, , \cdot | | 32 |
| 11 | Nearest-Neighbor and Contact Distance Distributions for Thomas Cluster Process. IEEE Wireless Communications Letters, 2016, , 1-1. | 5.0 | 30 |
| 12 | Integrated mmWave Access and Backhaul in 5G: Bandwidth Partitioning and Downlink Analysis. , 2018, , | | 22 |
| 13 | Development of a framework for sequential Bayesian design of experiments: Application to a pilot-scale solvent-based CO2 capture process. Applied Energy, 2020, 262, 114533. | 10.1 | 19 |
| 14 | Downlink coverage probability of K-tier HetNets with general non-uniform user distributions. , 2016, , | | 15 |
| 15 | Meta Distribution of Downlink SIR in a Poisson Cluster Process-Based HetNet Model. IEEE Wireless Communications Letters, 2020, 9, 2144-2148. | 5.0 | 13 |
| 16 | Differential Evolution and Offspring Repair Method Based Dynamic Constrained Optimization. Lecture Notes in Computer Science, 2013, , 298-309. | 1.3 | 11 |
| 17 | Differential evolution based score level fusion for multi-modal biometric systems. , 2014, , . | | 9 |
| 18 | Real-time aerosol measurements in pilot scale coal fired post-combustion CO2 capture. Journal of Aerosol Science, 2017, 104, 43-57. | 3.8 | 9 |

CHIRANJIB SAHA

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Piperazine aerosol mitigation for post-combustion carbon capture. International Journal of Greenhouse Gas Control, 2019, 91, 102845. | 4.6 | 9 |
| 20 | Equi-Coverage Contours in Cellular Networks. IEEE Wireless Communications Letters, 2018, 7, 700-703. | 5.0 | 8 |
| 21 | Load on the Typical Poisson Voronoi Cell With Clustered User Distribution. IEEE Wireless Communications Letters, 2020, 9, 1361-1365. | 5.0 | 6 |
| 22 | D2D Underlaid Cellular Networks with User Clusters: Load Balancing and Downlink Rate Analysis. , 2017, , . | | 5 |
| 23 | Real-Time Aerosol Measurements in Post-Combustion CO2 Capture Using ELPI+â,,¢ and Smooth and Sintered Collection Plates. Journal of Energy Resources Technology, Transactions of the ASME, 2018, 140, . | 2.3 | 5 |
| 24 | On Load Balancing in Millimeter Wave HetNets with Integrated Access and Backhaul. , 2019, , . | | 5 |
| 25 | Machine Learning Meets Stochastic Geometry: Determinantal Subset Selection for Wireless Networks. , 2019, , . | | 5 |
| 26 | A Fast-Learning Sparse Antenna Array. , 2020, , . | | 5 |
| 27 | Learning on a Grassmann Manifold: CSI Quantization for Massive MIMO Systems. , 2020, , . | | 3 |
| 28 | A novel gesture driven fuzzy interface system for car racing game. , 2015, , . | | 2 |
| 29 | Interference Characterization in Wireless Networks: A Determinantal Learning Approach. , 2019, , . | | 1 |
| 30 | Rate Coverage of a Cellular Network with Users Distributed as Poisson Cluster Process. , 2020, , . | | 1 |