

Sangman Moh

List of Publications by Year in descending order

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83

papers

2,298

citations

257450

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docs citations

83

times ranked

1737

citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Localization and Clustering Based on Swarm Intelligence in UAV Networks for Emergency Communications. IEEE Internet of Things Journal, 2019, 6, 8958-8976. | 8.7 | 174 |
| 2 | Spectrum mobility in cognitive radio networks. , 2012, 50, 114-121. | | 166 |
| 3 | Routing Protocols for Unmanned Aerial Vehicle Networks: A Survey. IEEE Access, 2019, 7, 99694-99720. | 4.2 | 131 |
| 4 | Enhanced secure sensor association and key management in wireless body area networks. Journal of Communications and Networks, 2015, 17, 453-462. | 2.6 | 120 |
| 5 | A Survey on Cluster-Based Routing Protocols for Unmanned Aerial Vehicle Networks. IEEE Access, 2019, 7, 498-516. | 4.2 | 102 |
| 6 | Location-Aided Delay Tolerant Routing Protocol in UAV Networks for Post-Disaster Operation. IEEE Access, 2018, 6, 59891-59906. | 4.2 | 97 |
| 7 | A Priority-Based Adaptive MAC Protocol for Wireless Body Area Networks. Sensors, 2016, 16, 401. | 3.8 | 80 |
| 8 | Routing Protocols for Unmanned Aerial Vehicle-Aided Vehicular Ad Hoc Networks: A Survey. IEEE Access, 2020, 8, 77535-77560. | 4.2 | 78 |
| 9 | Survey on computation offloading in UAV-Enabled mobile edge computing. Journal of Network and Computer Applications, 2022, 201, 103341. | 9.1 | 74 |
| 10 | A Q-Learning-Based Topology-Aware Routing Protocol for Flying Ad Hoc Networks. IEEE Internet of Things Journal, 2022, 9, 1985-2000. | 8.7 | 68 |
| 11 | Bio-Inspired Approaches for Energy-Efficient Localization and Clustering in UAV Networks for Monitoring Wildfires in Remote Areas. IEEE Access, 2021, 9, 18649-18669. | 4.2 | 62 |
| 12 | Identity-based key agreement protocol employing a symmetric balanced incomplete block design. Journal of Communications and Networks, 2012, 14, 682-691. | 2.6 | 60 |
| 13 | Buffer scheme optimization of epidemic routing in delay tolerant networks. Journal of Communications and Networks, 2014, 16, 656-666. | 2.6 | 52 |
| 14 | A Survey on Temperature-Aware Routing Protocols in Wireless Body Sensor Networks. Sensors, 2013, 13, 9860-9877. | 3.8 | 49 |
| 15 | Energy-Efficient and Fast Data Collection in UAV-Aided Wireless Sensor Networks for Hilly Terrains. IEEE Access, 2021, 9, 23168-23190. | 4.2 | 46 |
| 16 | A Cooperative Diversity-Based Robust MAC Protocol in Wireless Ad Hoc Networks. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 353-363. | 5.6 | 45 |
| 17 | Reinforcement Learning-Based Routing Protocols for Vehicular Ad Hoc Networks: A Comparative Survey. IEEE Access, 2021, 9, 27552-27587. | 4.2 | 45 |
| 18 | Survey on Recent Advancements in Energy-Efficient Routing Protocols for Underwater Wireless Sensor Networks. IEEE Access, 2021, 9, 55045-55062. | 4.2 | 40 |

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| 19 | Interference Mitigation Schemes for Wireless Body Area Sensor Networks: A Comparative Survey. Sensors, 2015, 15, 13805-13838. | 3.8 | 39 |
| 20 | Medium Access Control Protocols for Flying Ad Hoc Networks: A Review. IEEE Sensors Journal, 2021, 21, 4097-4121. | 4.7 | 35 |
| 21 | Medium Access Control Protocols for Unmanned Aerial Vehicle-Aided Wireless Sensor Networks: A Survey. IEEE Access, 2019, 7, 65728-65744. | 4.2 | 33 |
| 22 | Routing Protocols for UAV-Aided Wireless Sensor Networks. Applied Sciences (Switzerland), 2020, 10, 4077. | 2.5 | 33 |
| 23 | On-demand routing protocols for cognitive radio ad hoc networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, . | 2.4 | 32 |
| 24 | Wireless Channel Models for Over-the-Sea Communication: A Comparative Study. Applied Sciences (Switzerland), 2019, 9, 443. | 2.5 | 31 |
| 25 | Organized topology based routing protocol in incompletely predictable ad-hoc networks. Computer Communications, 2017, 99, 107-118. | 5.1 | 29 |
| 26 | Vertex-Based Multihop Vehicle-to-Infrastructure Routing for Vehicular Ad Hoc Networks. , 2010, , . | | 24 |
| 27 | A Survey of MAC Protocols for Cognitive Radio Body Area Networks. Sensors, 2015, 15, 9189-9209. | 3.8 | 24 |
| 28 | Energy- and Cognitive-Radio-Aware Routing in Cognitive Radio Sensor Networks. International Journal of Distributed Sensor Networks, 2012, 8, 636723. | 2.2 | 23 |
| 29 | Hybrid Multi-Channel MAC Protocol for WBANs with Inter-WBAN Interference Mitigation. Sensors, 2018, 18, 1373. | 3.8 | 23 |
| 30 | Hybrid Path Planning for Efficient Data Collection in UAV-Aided WSNs for Emergency Applications. Sensors, 2021, 21, 2839. | 3.8 | 23 |
| 31 | Wireless Power Transfer in Wirelessly Powered Sensor Networks: A Review of Recent Progress. Sensors, 2022, 22, 2952. | 3.8 | 23 |
| 32 | JRCS: Joint Routing and Charging Strategy for Logistics Drones. IEEE Internet of Things Journal, 2022, 9, 21751-21764. | 8.7 | 23 |
| 33 | Comprehensive Survey of Radio Resource Allocation Schemes for 5G V2X Communications. IEEE Access, 2021, 9, 123117-123133. | 4.2 | 22 |
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| 35 | Energy-Efficient and Fast MAC Protocol in UAV-Aided Wireless Sensor Networks for Time-Critical Applications. Sensors, 2020, 20, 2635. | 3.8 | 21 |
| 36 | Comment: "Enhanced novel access control protocol over wireless sensor networks". IEEE Transactions on Consumer Electronics, 2010, 56, 2019-2021. | 3.6 | 20 |

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| 39 | Joint topology control and routing in a UAV swarm for crowd surveillance. <i>Journal of Network and Computer Applications</i> , 2022, 204, 103427. | 9.1 | 17 |
| 40 | Equal-Size Clustering for Irregularly Deployed Wireless Sensor Networks. <i>Wireless Personal Communications</i> , 2015, 82, 995-1012. | 2.7 | 16 |
| 41 | An Energy-Efficient and Robust Multipath Routing Protocol for Cognitive Radio Ad Hoc Networks. <i>Sensors</i> , 2017, 17, 2027. | 3.8 | 16 |
| 42 | Survey on Q-Learning-Based Position-Aware Routing Protocols in Flying Ad Hoc Networks. <i>Electronics (Switzerland)</i> , 2022, 11, 1099. | 3.1 | 16 |
| 43 | Task assignment algorithms for unmanned aerial vehicle networks: A comprehensive survey. <i>Vehicular Communications</i> , 2022, 35, 100469. | 4.0 | 16 |
| 44 | Robust Evolutionary-Game-Based Routing for Wireless Multimedia Sensor Networks. <i>Sensors</i> , 2019, 19, 3544. | 3.8 | 15 |
| 45 | An Interference-Aware Traffic-Priority-Based Link Scheduling Algorithm for Interference Mitigation in Multiple Wireless Body Area Networks. <i>Sensors</i> , 2016, 16, 2190. | 3.8 | 14 |
| 46 | Secure and Efficient Data Sharing in Dynamic Vehicular Networks. <i>IEEE Internet of Things Journal</i> , 2020, 7, 8208-8217. | 8.7 | 13 |
| 47 | A Priority Routing Protocol Based on Location and Moving Direction in Delay Tolerant Networks. <i>IEICE Transactions on Information and Systems</i> , 2010, E93-D, 2763-2775. | 0.7 | 12 |
| 48 | A Novel Anonymous RFID Authentication Protocol Providing Strong Privacy and Security. , 2010, , . | | 12 |
| 49 | Link Scheduling Algorithm with Interference Prediction for Multiple Mobile WBANs. <i>Sensors</i> , 2017, 17, 2231. | 3.8 | 11 |
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| 51 | A Novel Multi-channel MAC Protocol for Directional Antennas in Ad Hoc Networks. <i>Wireless Personal Communications</i> , 2015, 80, 1095-1112. | 2.7 | 9 |
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| 53 | Energy-Efficient Medium Access Control Protocols for Cognitive Radio Sensor Networks: A Comparative Survey. <i>Sensors</i> , 2018, 18, 3781. | 3.8 | 8 |
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| 56 | A Low-Interference Channel Status Prediction Algorithm for Instantaneous Spectrum Access in Cognitive Radio Networks. <i>Wireless Personal Communications</i> , 2015, 85, 2599-2610. | 2.7 | 7 |
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| 65 | Two cooperation models and their optimal routing for cooperative diversity in wireless ad hoc networks. , 2008, , . | | 4 |
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| 67 | PEARSH: A power efficient algorithm for raising sensor half-life with wireless battery recharge module. , 2009, , . | | 3 |
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