# Nihar Ranjan Roy

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 22<br>papers | 276<br>citations | 1683354<br>5<br>h-index | 1588620<br>8<br>g-index |
| 24<br>all docs | 24<br>docs citations | 24<br>times ranked | 264<br>citing authors |

| #  | Article | IF | Citations |
|----|---------|-----|-----------|
| 1  | Alzheimer detection using Group Grey Wolf Optimization based features with convolutional classifier. Computers and Electrical Engineering, 2019, 77, 230-243. | 3.0 | 98 |
| 2  | A Note on Optimum Cluster Estimation in LEACH Protocol. IEEE Access, 2018, 6, 65690-65696. | 2.6 | 27 |
| 3  | Digital image watermarking and its optimization using genetic algorithm. , 2016, , . | | 24 |
| 4  | Android phone forensic: Tools and techniques. , 2016, , . | | 20 |
| 5  | Comparison between LDA &amp; NMF for event-detection from large text stream data. , 2017, , . | | 19 |
| 6  | EEDAC-WSN: Energy Efficient Data Aggregation in Clustered WSN. , 2019, , . | | 15 |
| 7  | Energy dissipation model for wireless sensor networks: a survey. International Journal of Information Technology (Singapore), 2020, 12, 1343-1353. | 1.8 | 15 |
| 8  | Residual Energy and Distance based Energy-Efficient Communication Protocol for Wireless Sensor Network. International Journal of Computer Applications, 2013, 74, 11-16. | 0.2 | 12 |
| 9  | Modified DEEC: A varying power level based clustering technique for WSNs. , 2015, , . | | 11 |
| 10 | Analysis of Data Aggregation Techniques in WSN. Advances in Intelligent Systems and Computing, 2020, , 571-581. | 0.5 | 10 |
| 11 | Heirarchical clustering in heterogeneous wireless sensor networks: A survey. , 2015, , . | | 5 |
| 12 | Threshold sensitive clustering in SEP. Sustainable Computing: Informatics and Systems, 2020, 25, 100367. | 1.6 | 5 |
| 13 | Redefining cyber security with big data analytics. , 2017, , . | | 4 |
| 14 | Deep web & online anonymity. , 2017, , . | | 4 |
| 15 | Android vulnerabilities and security. , 2017, , . | | 2 |
| 16 | A Comparative Analysis of Important Energy Conservation Approaches in IoT. , 2021, , . | | 2 |
| 17 | Data recovery in Forensics. , 2017, , . | | 1 |
| 18 | Estimation of Optimum Number of Clusters in WSN. Advances in Intelligent Systems and Computing, 2020, , 559-570. | 0.5 | 1 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Stratification and analysis of routing protocols (wireless sensor networks). , 2016, , . | | 0 |
| 20 | Energy Conservation in IOT: A Survey. Communications in Computer and Information Science, 2021, , 181-193. | 0.4 | 0 |
| 21 | Analysis of EAMMH Protocol with Varying Base Station Position. , 2020, , . | | 0 |
| 22 | Pharmaceutical plant machine availability prediction using Artificial Neural Network. Intelligent Decision Technologies, 2022, , 1-11. | 0.6 | 0 |