

Dipesh Niraula

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

195
citations

1163117

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238
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Precision radiotherapy via information integration of expert human knowledge and AI recommendation to optimize clinical decision making. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 221, 106927. | 4.7 | 8 |
| 2 | Quantum deep reinforcement learning for clinical decision support in oncology: application to adaptive radiotherapy. <i>Scientific Reports</i> , 2021, 11, 23545. | 3.3 | 13 |
| 3 | The Poole-Frenkel laws and a pathway to multi-valued memory. <i>Applied Physics Letters</i> , 2019, 115, . | 3.3 | 8 |
| 4 | OFF State Conduction in Filamentary RRAM. <i>IEEE Electron Device Letters</i> , 2019, 40, 550-553. | 3.9 | 6 |
| 5 | Dimensional quantization effects in the thermodynamics of conductive filaments. <i>Nanotechnology</i> , 2018, 29, 265202. | 2.6 | 0 |
| 6 | Comprehensive numerical modeling of filamentary RRAM devices including voltage ramp-rate and cycle-to-cycle variations. <i>Journal of Applied Physics</i> , 2018, 124, . | 2.5 | 30 |
| 7 | Resistive switching in nano-structures. <i>Scientific Reports</i> , 2018, 8, 12212. | 3.3 | 13 |
| 8 | Thermodynamics of Phase Transitions and Bipolar Filamentary Switching in Resistive Random-Access Memory. <i>Physical Review Applied</i> , 2017, 8, . | 3.8 | 27 |
| 9 | Log-Normal Statistics in Filamentary RRAM Devices and Related Systems. <i>IEEE Electron Device Letters</i> , 2017, 38, 1240-1243. | 3.9 | 19 |
| 10 | The stochastic growth of metal whiskers. <i>Applied Physics Letters</i> , 2017, 110, . | 3.3 | 8 |
| 11 | Heat Transfer in Filamentary RRAM Devices. <i>IEEE Transactions on Electron Devices</i> , 2017, 64, 4106-4113. | 3.0 | 28 |
| 12 | Electric field stimulated growth of Zn whiskers. <i>AIP Advances</i> , 2016, 6, 075201. | 1.3 | 12 |
| 13 | Thermodynamic analysis of conductive filaments. <i>Applied Physics Letters</i> , 2016, 109, . | 3.3 | 13 |
| 14 | The probabilistic distribution of metal whisker lengths. <i>Journal of Applied Physics</i> , 2015, 118, . | 2.5 | 8 |