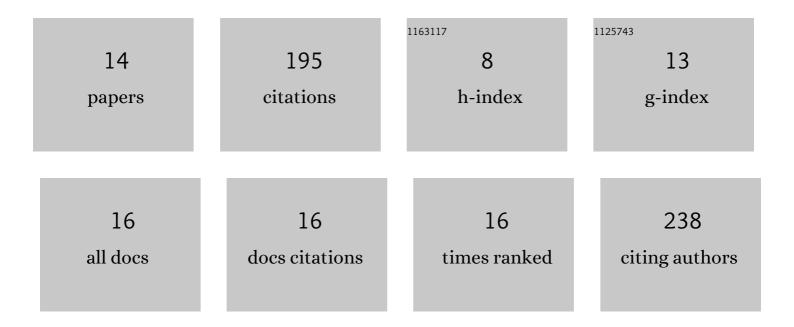
Dipesh Niraula

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3470780/publications.pdf Version: 2024-02-01



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