

Yang Yu

List of Publications by Year in descending order

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17
papers

169
citations

1307594

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1125743

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17
all docs

17
docs citations

17
times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	A Transistor-Level DFF Based on FinFET Technology for Low Power Integrated Circuits. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 584-588.	3.0	2
2	Implementation of artificial neurons with tunable width via magnetic anisotropy. Applied Physics Letters, 2021, 119, 204101.	3.3	2
3	Spatial confinement tuning of quenched disorder effects and enhanced magnetoresistance in manganite nanowires. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	2
4	Visualization of tunnel magnetoresistance effect in single manganite nanowires. Chinese Physics B, 2020, 29, 018501.	1.4	3
5	Nonmonotonic crossover in electronic phase separated manganite superlattices driven by the superlattice period. Physical Review B, 2020, 102, .	3.2	6
6	Direct experimental evidence of physical origin of electronic phase separation in manganites. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7090-7094.	7.1	35
7	Achieving large and nonvolatile tunable magnetoresistance in organic spin valves using electronic phase separated manganites. Nature Communications, 2019, 10, 3877.	12.8	28
8	Memory Devices: An Electricâ€­Fieldâ€­Controlled Highâ€­Speed Coexisting Multibit Memory and Boolean Logic Operations in Manganite Nanowire via Local Gating (Adv. Electron. Mater. 6/2019). Advanced Electronic Materials, 2019, 5, 1970029.	5.1	1
9	Thickness-driven first-order phase transitions in manganite ultrathin films. Physical Review B, 2019, 99, .	3.2	12
10	An Electricâ€­Fieldâ€­Controlled Highâ€­Speed Coexisting Multibit Memory and Boolean Logic Operations in Manganite Nanowire via Local Gating. Advanced Electronic Materials, 2019, 5, 1900020.	5.1	5
11	Observing a previously hidden structural-phase transition onset through heteroepitaxial cap response. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4141-4146.	7.1	11
12	Enhanced magnetocaloric effect in manganite nanodisks. Physical Review Materials, 2019, 3, .	2.4	6
13	A large enhancement of magnetocaloric effect by chemical ordering in manganites. Journal of Materials Chemistry C, 2018, 6, 1224-1228.	5.5	7
14	Unexpected Intermediate State Photoinduced in the Metal-Insulator Transition of Submicrometer Phase-Separated Manganites. Physical Review Letters, 2018, 120, 267202.	7.8	22
15	Critical fluctuations upon photoinduced phase transition in manganite strips. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	5.1	3
16	Reversibility of magnetic field driven transition from electronic phase separation state to single-phase state in manganites: A microscopic view. Physical Review B, 2017, 96, .	3.2	6
17	Emerging single-phase state in small manganite nanodisks. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9228-9231.	7.1	18