

Qiang Cao

List of Publications by Year in descending order

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16
papers

240
citations

1307594

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h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

387
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonvolatile Multistates Memories for High-Density Data Storage. ACS Applied Materials & Interfaces, 2020, 12, 42449-42471.	8.0	101
2	Defect introduced paramagnetism and weak localization in two-dimensional metal VSe ₂ . Nanotechnology, 2017, 28, 475703.	2.6	35
3	Magnetic anisotropy and ferroelectric-driven magnetic phase transition in monolayer Cr ₂ Ge ₂ Te ₆ . Nanoscale, 2022, 14, 3632-3643.	5.6	29
4	Magnetism of amorphous Ge _{1-x} Mnx magnetic semiconductor films. Journal of Applied Physics, 2008, 104, 013905.	2.5	15
5	Raman scattering investigations on Co-doped ZnO epitaxial films: Local vibration modes and defect associated ferromagnetism. Current Applied Physics, 2014, 14, 744-748.	2.4	14
6	Oxygen vacancies controlled multiple magnetic phases in epitaxial single crystal Co _{0.5} (Mg _{0.55} Zn _{0.45})O _{1-x} thin films. Scientific Reports, 2016, 6, 24188.	3.3	11
7	Local vibrational modes competitions in Mn-doped ZnO epitaxial films with tunable ferromagnetism. Journal of Applied Physics, 2014, 115, 243906.	2.5	8
8	Decoupled scenario between the conductive carriers and the ferromagnetism in epitaxial Zn _{0.85} Mg _x Co _{0.15} O thin films. Applied Physics Letters, 2014, 105, 072404.	3.3	6
9	Growth-Controlled Engineering of Magnetic Exchange Interactions in Single Crystalline GaCoZnO _{1-x} Epitaxial Films with High Co Concentration. Chemistry of Materials, 2017, 29, 2717-2723.	6.7	6
10	Enhancing s, p-d exchange interactions at room temperature by carrier doping in single crystalline Co _{0.4} Zn _{0.6} O epitaxial films. Applied Physics Letters, 2017, 110, 092402.	3.3	4
11	Robust ferromagnetism of single crystalline CoxZn _{1-x} O (0.3 ≤ x ≤ 0.45) epitaxial films with high Co concentration. Applied Physics Letters, 2016, 109, 052404.	3.3	3
12	The predicaments and expectations in development of magnetic semiconductors. Journal of Semiconductors, 2019, 40, 081501.	3.7	3
13	Memristive switching by bulk spin-orbit torque in symmetry-broken ferromagnetic films. Applied Physics Letters, 2022, 120, .	3.3	3
14	Structure, band gap, and Mn-related mid-gap states in epitaxial single crystal (Zn _{1-x} Mgx) _{1-y} MnyO thin films. Journal of Applied Physics, 2013, 113, 173701.	2.5	1
15	Ferroelectric gate control of Rashba-Dresselhaus spin-orbit coupling in ferromagnetic semiconductor (Zn, Co)O. Applied Physics Letters, 2021, 119, 012403.	3.3	1
16	Carrier-dependent quadratic scaling of anomalous Hall conductivity in ferromagnetic semiconductor. Results in Physics, 2021, 29, 104686.	4.1	0