Qiang Cao

List of Publications by Year
in descending order

16 papers	240 citations	1307594 7 h-index	1058476 14 g-index
16 all docs	16 docs citations	16 times ranked	387 citing authors

#	Article	IF	Citations
1	Magnetic anisotropy and ferroelectric-driven magnetic phase transition in monolayer Cr₂Ge₂Te₆. Nanoscale, 2022, 14, 3632-3643.	5.6	29
2	Memristive switching by bulk spinâ€“orbit torque in symmetry-broken ferromagnetic films. Applied Physics Letters, 2022, 120, .	3.3	3
3	Ferroelectric gate control of Rashbaâ€“Dresselhaus spinâ€“orbit coupling in ferromagnetic semiconductor (Zn, Co)O. Applied Physics Letters, 2021, 119, 012403.	3.3	1
4	Carrier-dependent quadratic scaling of anomalous Hall conductivity in ferromagnetic semiconductor. Results in Physics, 2021, 29, 104686.	4.1	0
5	Nonvolatile Multistates Memories for High-Density Data Storage. ACS Applied Materials & Interfaces, 2020, 12, 42449-42471.	8.0	101
6	The predicaments and expectations in development of magnetic semiconductors. Journal of Semiconductors, 2019, 40, 081501.	3.7	3
7	Enhancing s, pâ€“d exchange interactions at room temperature by carrier doping in single crystalline Co0.4Zn0.6O epitaxial films. Applied Physics Letters, 2017, 110, 092402.	3.3	4
8	Growth-Controlled Engineering of Magnetic Exchange Interactions in Single Crystalline GaCoZnO_{1-v} Epitaxial Films with High Co Concentration. Chemistry of Materials, 2017, 29, 2717-2723.	6.7	6
9	Defect introduced paramagnetism and weak localization in two-dimensional metal VSe₂. Nanotechnology, 2017, 28, 475703.	2.6	35
10	Oxygen vacancies controlled multiple magnetic phases in epitaxial single crystal Co0.5(Mg0.55Zn0.45)0.5O1-v thin films. Scientific Reports, 2016, 6, 24188.	3.3	11
11	Robust ferromagnetism of single crystalline CoxZn1â^'xO (0.3â€‰â‰€â€‰xâ€‰â‰€â€‰0.45) epitaxial films with high Co concentration. Applied Physics Letters, 2016, 109, 052404.	3.3	3
12	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
13	Decoupled scenario between the conductive carriers and the ferromagnetism in epitaxial Zn_{0.85â^'x}Mg_xCo_{0.15}O thin films. Applied Physics Letters, 2014, 105, 072404.	3.3	6
14	Local vibrational modes competitions in Mn-doped ZnO epitaxial films with tunable ferromagnetism. Journal of Applied Physics, 2014, 115, 243906.	2.5	8
15	Structure, band gap, and Mn-related mid-gap states in epitaxial single crystal (Zn1â^'xMgx)1â^'yMnyO thin films. Journal of Applied Physics, 2013, 113, 173701.	2.5	1
16	Magnetism of amorphous Ge1â^'xMnx magnetic semiconductor films. Journal of Applied Physics, 2008, 104, 013905.	2.5	15