Aihua Wang

List of Publications by Year
in descending order

10 papers	54 citations	1937685 4 h-index	1720034 7 g-index
11 all docs	11 docs citations	11 times ranked	122 citing authors

#	Article	IF	Citations
1	The fracture behaviors of monolayer phosphorene with grain boundaries under tension: a molecular dynamics study. Physical Chemistry Chemical Physics, 2016, 18, 20562-20570.	2.8	13
2	Strain-tunable electronic structure, optical response, and high electron mobility of Bi2O2Se crystals. APL Materials, 2019, 7, .	5.1	12
3	Direct Growth of Copper Oxide Films on Ti Substrate for Nonenzymatic Glucose Sensors. Journal of Nanomaterials, 2014, 2014, 1-5.	2.7	6
4	Controllable synthesis and photocatalytic properties of ZnO hierarchical flowerâ€like porous nanostructures. Micro and Nano Letters, 2016, 11, 753-757.	1.3	6
5	Facile Synthesis of ZnO@TiO2Core-Shell Nanorod Thin Films for Dye-Sensitized Solar Cells. Journal of Nanomaterials, 2015, 2015, 1-5.	2.7	4
6	Facile Synthesis of Carbon-Coated Zn₂SnO₄Nanomaterials as Anode Materials for Lithium-Ion Batteries. Journal of Nanomaterials, 2014, 2014, 1-6.	2.7	3
7	Transport and Magnetic Properties of K0.8Fe2â^'x Cu x Se2(0 â©½ x â©½ 2) System. Journal of Superconductivity and Novel Magnetism, 2015, 28, 219-222.	1.8	3
8	A promising auxetic material of CaAs3 monolayer with anisotropic electro-mechanical and optical properties. Applied Physics Letters, 2021, 119, .	3.3	3
9	Image encoding and watermarking in the double random phase encoding scheme with sparse representation strategy. Journal of Optics (India), 2015, 44, 45-52.	1.7	2
10	Facile hydrothermal synthesis CuO microflowers for nonâ€enzymatic glucose sensors. Micro and Nano Letters, 2022, 17, 107-113.	1.3	2