

Jun Jiang

List of Publications by Year in descending order

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20
papers

345
citations

933447

10
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

595
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical study of cation doping effect on the electronic conductivity of Li ₄ Ti ₅ O ₁₂ . Physica Status Solidi (B): Basic Research, 2006, 243, 1835-1841.	1.5	83
2	Observation of pure inverse spin Hall effect in ferromagnetic metals via ferromagnetic/antiferromagnetic exchange-bias structures. Physical Review B, 2015, 92, .	3.2	38
3	α -decay properties of the new isotope ^{216}U . Physical Review C, 2015, 91, .	2.9	36
4	High Precision Detection of Change in Intermediate Range Order of Amorphous Zirconia-Doped Tantalum Thin Films Due to Annealing. Physical Review Letters, 2019, 123, 045501.	7.8	29
5	Alpha decay of the new isotope ^{215}U . European Physical Journal A, 2015, 51, 1.	2.5	27
6	Controlling spin-dependent tunneling by bandgap tuning in epitaxial rocksalt MgZnO films. Scientific Reports, 2014, 4, 7277.	3.3	24
7	Tailoring electrocatalytic activity of in situ crafted perovskite oxide nanocrystals via size and dopant control. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	22
8	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
9	Asymmetric Design of Spin-Crossover Complexes to Increase the Volatility for Surface Deposition. Journal of the American Chemical Society, 2021, 143, 14563-14572.	13.7	16
10	Three Jahn-Teller States of Matter in Spin-Crossover System Mn(taa). Physical Review Letters, 2020, 124, 227201.	7.8	11
11	Post magnetic field annealing effect on magnetic and structural properties of Co ₈₀ Pt ₂₀ nanowires and nanotubes fabricated by electrochemical method. Journal of Applied Physics, 2014, 115, 17A762.	2.5	10
12	Magnetization reversal and enhanced tunnel magnetoresistance ratio in perpendicular magnetic tunnel junctions based on exchange spring electrodes. Journal of Applied Physics, 2013, 113, 133906.	2.5	7
13	Magnetic Field Annealing Effects on Magnetic Properties of Electrodeposited Co/Cu Multilayered Nanowires. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	6
14	Spin-Dependent Thermoelectric Power of Nanoislands. Nano Letters, 2020, 20, 4910-4915.	9.1	6
15	Two-photon-absorption-induced nonlinear photoresponse in GaAs/AlGaAs quantum-well infrared photodetectors. Applied Physics Letters, 2004, 85, 3614-3616.	3.3	4
16	Magnetic field-controlled hysteresis loop bias in orthogonal exchange-spring coupling composite magnetic films. Applied Physics Express, 2016, 9, 063003.	2.4	3
17	Analysis of two-level systems and mechanical loss in amorphous ZrO ₂ -doped Ta ₂ O ₅ by non-cage-breaking and cage-breaking transitions. Journal of Chemical Physics, 2021, 154, 174502.	3.0	3
18	Backscatter and dielectric measurements from rocks of south-eastern Utah at $\text{C}\hat{\alpha}^{\sim}$ and $\text{K}\hat{\alpha}^{\sim}$ bands. International Journal of Remote Sensing, 1988, 9, 625-639.	2.9	0

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19	Free electron laser induced two-photon photoconductivity in Hg _{1-x} Cd _x Te. Science in China Series A: Mathematics, 2001, 44, 1579-1584.	0.5	0
20	Nonlinear temperature dependent nucleation field in perpendicular exchange spring typed magnetic tunnel junctions. Journal of Applied Physics, 2013, 113, 17C113.	2.5	0