

Xiang Zhou

List of Publications by Year in descending order

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17
papers

293
citations

1684188

5
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

229
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron-ion collider in China. <i>Frontiers of Physics</i> , 2021, 16, 1.	5.0	208
2	Spatial Bloch oscillations of plasmons in nanoscale metal waveguide arrays. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	41
3	Maximum relative excitation of a specific vibrational mode via optimum laser-pulse duration. <i>Physical Review B</i> , 2010, 82, .	3.2	9
4	Breathing-trap mechanism for encapsulation of atomic hydrogen in C60. <i>Chemical Physics Letters</i> , 2013, 583, 114-118.	2.6	7
5	Piezoresistance properties of quasicrystals. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 5419-5425.	1.8	6
6	Li Storage Performance for the Composite Structure Of Graphene and Boron Fullerene. <i>Chinese Physics Letters</i> , 2015, 32, 026102.	3.3	4
7	Selective control of vibrational modes with sequential femtosecond-scale laser pulses. <i>Chemical Physics Letters</i> , 2011, 515, 137-140.	2.6	3
8	Event generators for $\{\eta\}\{\eta\}^{\prime}$ decays at BESIII. <i>Chinese Physics C</i> , 2018, 42, 013001.	3.7	3
9	Semiclassical Molecular Dynamics Simulations for Ultrafast Processes in Molecules. <i>Quantum Matter</i> , 2013, 2, 353-363.	0.2	3
10	Nonlinear elastic properties of decagonal quasicrystals. <i>Physical Review B</i> , 2004, 70, .	3.2	2
11	Electronic and Structural Response of Nanomaterials to Ultrafast and Ultraintense Laser Pulses. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 1549-1562.	0.9	2
12	Measurements of Rayleigh ratios in linear alkylbenzene. <i>Review of Scientific Instruments</i> , 2022, 93, 063106.	1.3	2
13	Population permutation group and phase operation in an anisotropic semiconductor quantum dot. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2006, 35, 183-187.	2.7	1
14	Nonlinear elasticities of octagonal and dodecagonal quasicrystals. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006, 356, 168-173.	2.1	1
15	Semiclassical simulations in materials science. <i>Physica Status Solidi (B): Basic Research</i> , 2011, 248, 2008-2014.	1.5	1
16	Breathing trap mechanism for C60 nanocage. <i>Wuhan University Journal of Natural Sciences</i> , 2013, 18, 295-299.	0.4	0
17	Electromagnetic Dalitz Decays of $D(s)^{\pm}$ Mesons. <i>International Journal of Modern Physics A</i> , 0, , .	1.5	0