

# Xiang Zhou

## List of Publications by Year in descending order

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17  
papers

293  
citations

1684188

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996975

15  
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all docs

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docs citations

17  
times ranked

229  
citing authors

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