

# Liang Li

## List of Publications by Year in descending order

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32  
papers

1,085  
citations

567281

15  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1597  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Fingerprint of the Interbond Electron Hopping in Second-Order Harmonic Generation. <i>Physical Review Letters</i> , 2022, 128, 027401.                         | 7.8  | 6         |
| 2  | Determination of transition dipole moments of solids with high-order harmonics driven by multicycle ultrashort pulses. <i>Physical Review A</i> , 2022, 105, . | 2.5  | 12        |
| 3  | Intensity and wavelength dependence of anisotropic nonlinear absorption inside MgO. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.                      | 3.3  | 3         |
| 4  | Cutoff extension of high harmonics via resonant electron injection channels. <i>Physical Review A</i> , 2021, 103, .   | 2.5  | 7         |
| 5  | Dynamic Core Polarization in High Harmonic Generation from Solids: The Example of MgO Crystals. <i>Physical Review Letters</i> , 2021, 126, 187401.            | 7.8  | 12        |
| 6  | Magnetic-field-induced robust zero Hall plateau state in MnBi <sub>2</sub> Te <sub>4</sub> Chern insulator. <i>Nature Communications</i> , 2021, 12, 4647.     | 12.8 | 43        |
| 7  | Resolving the polarization of high-order harmonic generation by temporal multislit interferometry. <i>Physical Review A</i> , 2021, 104, .                     | 2.5  | 2         |
| 8  | Orientation dependence of high-order harmonic generation in graphene. <i>Physical Review A</i> , 2021, 104, .  | 2.5  | 11        |
| 9  | Huygens-Fresnel Picture for High Harmonic Generation in Solids. <i>Physical Review Letters</i> , 2021, 127, 223201.  | 7.8  | 18        |
| 10 | Elliptical skyrmion moving along a track without transverse speed. <i>Physical Review B</i> , 2021, 104, .   | 3.2  | 5         |
| 11 | PrBi: Topology meets quadrupolar degrees of freedom. <i>Physical Review B</i> , 2020, 101, .   | 3.2  | 7         |
| 12 | Determination of Electron Band Structure using Temporal Interferometry. <i>Physical Review Letters</i> , 2020, 124, 157403.                                    | 7.8  | 54        |
| 13 | Direct imaging of molecular rotation with high-order-harmonic generation. <i>Physical Review A</i> , 2019, 99, .   | 2.5  | 39        |
| 14 | Reciprocal-Space-Trajectory Perspective on High-Harmonic Generation in Solids. <i>Physical Review Letters</i> , 2019, 122, 193901.                             | 7.8  | 96        |
| 15 | Orientation dependence of high-order harmonic generation in nanowire. <i>Physical Review A</i> , 2019, 99, .   | 2.5  | 32        |
| 16 | Ultrafast oscillating-magnetic-field generation based on electronic-current dynamics. <i>Physical Review A</i> , 2019, 99, .                                   | 2.5  | 24        |
| 17 | Channel-closing effects of electronic excitation in solids. <i>Optics Express</i> , 2019, 27, 37224.   | 3.4  | 7         |
| 18 | Momentum gate for tunneling electrons with a circularly polarized control field. <i>Physical Review A</i> , 2018, 98, .  | 2.5  | 7         |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Wavelength dependence of high-order harmonic yields in solids. <i>Physical Review A</i> , 2018, 98, .   | 2.5  | 10        |
| 20 | Scaling Law of High Harmonic Generation in the Framework of Photon Channels. <i>Physical Review Letters</i> , 2018, 120, 223203.                                      | 7.8  | 27        |
| 21 | Subpetahertz helicity-modulated high-order harmonic radiation. <i>Physical Review A</i> , 2018, 98, .   | 2.5  | 11        |
| 22 | Temperature and angular dependence of the upper critical field in $KCr_3As_5$ . <i>Physical Review B</i> , 2017, 95, .  | 3.2  | 28        |
| 23 | Efficient generation of highly elliptically polarized attosecond pulses. <i>Optical and Quantum Electronics</i> , 2017, 49, 1.  | 3.3  | 40        |
| 24 | Macroscopic effect of plasmon-driven high-order-harmonic generation. <i>Physical Review A</i> , 2017, 96, .   | 2.5  | 15        |
| 25 | Nematic superconducting state in iron pnictide superconductors. <i>Nature Communications</i> , 2017, 8, 1880.   | 12.8 | 33        |
| 26 | High-order-harmonic generation of a doped semiconductor. <i>Physical Review A</i> , 2017, 96, .   | 2.5  | 54        |
| 27 | High harmonic generation from axial chiral molecules. <i>Optics Express</i> , 2017, 25, 23502.  | 3.4  | 14        |
| 28 | Origin of the Avalanche-Like Photoluminescence from Metallic Nanowires. <i>Scientific Reports</i> , 2016, 6, 18857.   | 3.3  | 11        |
| 29 | Selection rules of high-order-harmonic generation: Symmetries of molecules and laser fields. <i>Physical Review A</i> , 2016, 94, .                                   | 2.5  | 80        |
| 30 | Helicity reversion in high-order-harmonic generation driven by bichromatic counter-rotating circularly polarized laser fields. <i>Physical Review A</i> , 2016, 94, . | 2.5  | 19        |
| 31 | Quantum Hall effect in black phosphorus two-dimensional electron system. <i>Nature Nanotechnology</i> , 2016, 11, 593-597.  | 31.5 | 356       |
| 32 | Distinction of orientation dependence in high harmonics of ZnO without the birefringent effect. <i>Chinese Physics B</i> , 0, , .                                     | 1.4  | 2         |