

Qian Li

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,480
citations

331259

21
h-index

360668

35
g-index

37
all docs

37
docs citations

37
times ranked

1913
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | High-Pressure Band-Gap Engineering in Lead-Free Cs ₂ AgBiBr ₆ Double Perovskite. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15969-15973. | 7.2 | 200 |
| 2 | OD Cs ₃ Cu ₂ X ₅ (X = I, Br, and Cl) Nanocrystals: Colloidal Syntheses and Optical Properties. <i>Small</i> , 2020, 16, e1905226. | 5.2 | 158 |
| 3 | Pressure-Induced Remarkable Enhancement of Self-Trapped Exciton Emission in One-Dimensional CsCu ₂ I ₃ with Tetrahedral Units. <i>Journal of the American Chemical Society</i> , 2020, 142, 1786-1791. | 6.6 | 121 |
| 4 | Synthesis of Lead-free CsGeI ₃ Perovskite Colloidal Nanocrystals and Electron Beam-induced Transformations. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1654-1659. | 1.7 | 86 |
| 5 | Integrated Afterglow and Self-Trapped Exciton Emissions in Hybrid Metal Halides for Anti-Counterfeiting Applications. <i>Advanced Materials</i> , 2022, 34, e2200607. | 11.1 | 73 |
| 6 | Pressure-Induced Phase Engineering of Gold Nanostructures. <i>Journal of the American Chemical Society</i> , 2018, 140, 15783-15790. | 6.6 | 68 |
| 7 | Pressure-Engineered Photoluminescence Tuning in Zero-Dimensional Lead Bromide Trimer Clusters. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2583-2587. | 7.2 | 66 |
| 8 | Pressure-Driven Reverse Intersystem Crossing: New Path toward Bright Deep-Blue Emission of Lead-Free Halide Double Perovskites. <i>Journal of the American Chemical Society</i> , 2021, 143, 15176-15184. | 6.6 | 59 |
| 9 | N ⁺ O Bond Dissociation Energies of N-Nitroso Diphenylamine Derivatives (Or Analogues) and Their Radical Anions: Implications for the Effect of Reductive Electron Transfer on N ⁺ O Bond Activation and for the Mechanisms of NO Transfer to Nitranions. <i>Journal of Organic Chemistry</i> , 2000, 65, 6729-6735. | 1.7 | 56 |
| 10 | High Pressure Structural and Optical Properties of Two-Dimensional Hybrid Halide Perovskite (CH ₃ NH ₃) ₃ Bi ₂ Br ₉ . <i>Inorganic Chemistry</i> , 2019, 58, 1621-1626. | 1.9 | 46 |
| 11 | Highly Luminescent Metal-Free Perovskite Single Crystal for Biocompatible X-ray Detector to Attain Highest Sensitivity. <i>Advanced Materials</i> , 2021, 33, e2102190. | 11.1 | 46 |
| 12 | Synthesis and Herbicidal Activity of Pyrido[2,3-d]pyrimidine-2,4-dione-Benzoxazinone Hybrids as Protoporphyrinogen Oxidase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 5278-5286. | 2.4 | 44 |
| 13 | Metal halide perovskites under compression. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16089-16108. | 5.2 | 42 |
| 14 | 3D Printing of Hierarchical Graphene Lattice for Advanced Na Metal Anodes. <i>ACS Applied Energy Materials</i> , 2019, 2, 3869-3877. | 2.5 | 40 |
| 15 | Excitation-Dependent Emission Color Tuning of OD Cs ₂ InBr ₅ ·H ₂ O at High Pressure. <i>Advanced Functional Materials</i> , 2021, 31, 2104923. | 7.8 | 35 |
| 16 | Complexation of p-Sulfonatocalixarenes with Local Anaesthetics Guests: Binding Structures, Stabilities, and Thermodynamic Origins. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3962-3971. | 1.2 | 31 |
| 17 | Pressure-induced isosymmetric phase transition in sulfamic acid: A combined Raman and x-ray diffraction study. <i>Journal of Chemical Physics</i> , 2013, 138, 214505. | 1.2 | 29 |
| 18 | High-Pressure Band-Gap Engineering in Lead-Free Cs ₂ AgBiBr ₆ Double Perovskite. <i>Angewandte Chemie</i> , 2017, 129, 16185-16189. | 1.6 | 28 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Tetrahedral, Octahedral, and Triangular Dipyramidal Microgel Clusters with Thermosensitivity Fabricated from Binary Colloidal Crystals Template and Thiol-Ene Reaction. <i>ACS Macro Letters</i> , 2018, 7, 80-84. | 2.3 | 27 |
| 20 | Facile Method for the Controllable Synthesis of Cs _x Pb _y Br _z -Based Perovskites. <i>Inorganic Chemistry</i> , 2018, 57, 6206-6209. | 1.9 | 27 |
| 21 | Structure and Photoluminescence Transformation in Hybrid Manganese(II) Chlorides. <i>Inorganic Chemistry</i> , 2021, 60, 6600-6606. | 1.9 | 27 |
| 22 | Dangling Octahedra Enable Edge States in 2D Lead Halide Perovskites. <i>Advanced Materials</i> , 2022, 34, e2201666. | 11.1 | 22 |
| 23 | High-Pressure Studies of Abnormal Guest-Dependent Expansion in {[Cu(CO ₃) ₂](CH ₆ N ₃) ₂ }. <i>Journal of Physical Chemistry C</i> , 2014, 118, 5848-5853. | 1.5 | 21 |
| 24 | Selected Negative Linear Compressibilities in the Metal-Organic Framework of [Cu(4,4'-bpy) ₂ (H ₂ O) ₂]-SiF ₆ . <i>Inorganic Chemistry</i> , 2020, 59, 1715-1722. | 1.9 | 19 |
| 25 | Thermochromism and piezochromism of an atomically precise high-nuclearity silver sulfide nanocluster. <i>Chemical Communications</i> , 2021, 57, 2372-2375. | 2.2 | 16 |
| 26 | Pressure-Engineered Photoluminescence Tuning in Zero-Dimensional Lead Bromide Trimer Clusters. <i>Angewandte Chemie</i> , 2021, 133, 2615-2619. | 1.6 | 15 |
| 27 | Facile Synthesis of Uniform Sn ₁ Ge _x Alloy Nanocrystals with Tunable Bandgap. <i>Chemistry of Materials</i> , 2019, 31, 2248-2252. | 3.2 | 14 |
| 28 | High-Pressure Effects on Hofmann-Type Clathrates: Promoted Release and Restricted Insertion of Guest Molecules. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2745-2750. | 2.1 | 13 |
| 29 | Pure Hexagonal Phase of EuF ₃ Modulated by High Pressure. <i>Journal of Physical Chemistry C</i> , 2014, 118, 7562-7568. | 1.5 | 12 |
| 30 | Thickness-Dependent Structural Stability and Anisotropy of Black Phosphorus. <i>Advanced Electronic Materials</i> , 2019, 5, 1800712. | 2.6 | 11 |
| 31 | Binary Nanoparticle Superlattices for Plasmonically Modulating Upconversion Luminescence. <i>Small</i> , 2020, 16, e2002066. | 5.2 | 11 |
| 32 | Pressure-Induced Amorphization and Crystallization of Heterophase Pd Nanostructures. <i>Small</i> , 2022, 18, e2106396. | 5.2 | 9 |
| 33 | Design, synthesis, and molecular simulation studies of N-phenyltetrahydroquinazolinones as protoporphyrinogen IX oxidase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 39, 116165. | 1.4 | 5 |
| 34 | Black Phosphorus: Thickness-Dependent Structural Stability and Anisotropy of Black Phosphorus (<i>Adv. Electron. Mater.</i> 3/2019). <i>Advanced Electronic Materials</i> , 2019, 5, 1970012. | 2.6 | 2 |
| 35 | Reactions of N-methyl-N-nitrosotoluene-P-sulfonamide (MNTS) with 3,6-dibromocarbazole and its corresponding nitranion. <i>Research on Chemical Intermediates</i> , 2000, 26, 705-714. | 1.3 | 0 |