# Liang Li

List of Publications by Year
in descending order



| 30 | 228 | 933264 10 | 1058333 14 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 30 | 30 | 30 | 316 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | High pressure Raman scattering and X-ray diffraction studies of MgNb2O6. RSC Advances, 2013, 3, 13210. | 1.7 | 19 |
| 2 | In situ Raman spectroscopy and X-ray diffraction of pressure-induced phase transition in columbite CaNb2O6. Journal of Alloys and Compounds, 2013, 579, 267-271. | 2.8 | 18 |
| 3 | Correlatively Dependent Lattice and Electronic Structural Evolutions in Compressed Monolayer Tungsten Disulfide. Journal of Physical Chemistry Letters, 2017, 8, 941-947. | 2.1 | 18 |
| 4 | Preparation of one-dimensional SnO<sub>2</sub>â€“In<sub>2</sub>O<sub>3</sub>nano-heterostructures and their gas-sensing property. RSC Advances, 2017, 7, 33098-33105. | 1.7 | 18 |
| 5 | Optical interband transitions in Zn<sub>2</sub>TiO<sub>4</sub> single crystals. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 2596-2599. | 0.8 | 17 |
| 6 | Optical floating zone method growth and photoluminescence property of MgNb2O6 crystal. Journal of Alloys and Compounds, 2011, 509, L263-L266. | 2.8 | 16 |
| 7 | Large-size and high-quality Zn2TiO4 single crystal grown by the optical floating zone method. Journal of Crystal Growth, 2010, 312, 3561-3563. | 0.7 | 14 |
| 8 | Temperature-dependent optical phonon behaviour of a spinel Zn<sub>2</sub>TiO<sub>4</sub>single crystal grown by the optical floating zone method in argon atmosphere. RSC Advances, 2017, 7, 35477-35481. | 1.7 | 12 |
| 9 | Optical phonon behaviors of columbite ZnNb2O6 single crystal. Journal of Alloys and Compounds, 2015, 618, 694-699. | 2.8 | 11 |
| 10 | High-pressure Raman scattering and x-ray diffraction studies of MgTa2O6. AIP Advances, 2020, 10, . | 0.6 | 11 |
| 11 | The Raman scattering of trirutile structure MgTa<sub>2</sub>O<sub>6</sub> single crystals grown by the optical floating zone method. RSC Advances, 2019, 9, 839-843. | 1.7 | 10 |
| 12 | Chlorophyll derivative intercalation into Nb2C MXene for lithium-ion energy storage. Journal of Materials Science, 2022, 57, 9971-9979. | 1.7 | 10 |
| 13 | Optical properties of ZnNb<sub>2</sub>O<sub>6</sub> single crystals prepared via the optical floating zone technology. Crystal Research and Technology, 2014, 49, 502-506. | 0.6 | 9 |
| 14 | Growth and properties of spinel structure Zn<sub>1.8</sub>Co<sub>0.2</sub>TiO<sub>4</sub>single crystals by the optical floating zone method. RSC Advances, 2019, 9, 26436-26441. | 1.7 | 9 |
| 15 | Floating zone growth and optical phonon behavior of corundum Mg<sub>4</sub>Ta<sub>2</sub>O<sub>9</sub> single crystals. RSC Advances, 2015, 5, 66988-66993. | 1.7 | 7 |
| 16 | Optical Properties of CaNb2O6 Single Crystals Grown by OFZ*. Crystals, 2021, 11, 928. | 1.0 | 5 |
| 17 | Optoelectronic investigation of corundum Mg4Nb2O9 single crystal. Journal of Alloys and Compounds, 2015, 619, 240-243. | 2.8 | 4 |
| 18 | High-pressure bandgap engineering and amorphization in TiNb<sub>2</sub>O<sub>7</sub> single crystals. CrystEngComm, 2022, 24, 2660-2666. | 1.3 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Highâ€quality LaCoO<sub>3</sub> single crystal grown by optical floating zone method and its electromagnetic properties. Crystal Research and Technology, 2010, 45, 461-464. | 0.6 | 3 |
| 20 | Pressure and temperature-dependent optical properties of TiTa<sub>2</sub>O<sub>7</sub>. RSC Advances, 2020, 10, 25379-25384. | 1.7 | 3 |
| 21 | Optical phonon behavior of columbite MgNb2O6 single crystals. Journal of Applied Physics, 2014, 116, . | 1.1 | 2 |
| 22 | Theoretical Study of ClOO + NO Reaction: Mechanism and Kinetics. Molecules, 2017, 22, 2121. | 1.7 | 2 |
| 23 | Theoretical Study of the C2H5 + HO2 Reaction: Mechanism and Kinetics. Molecules, 2018, 23, 1919. | 1.7 | 2 |
| 24 | NEW MAGNETIC BEHAVIOR OF LaCoO3 SINGLE CRYSTAL AT LOW TEMPERATURE. Modern Physics Letters B, 2010, 24, 2855-2860. | 1.0 | 1 |
| 25 | Theoretical Study of C2H5 + NCO Reaction: Mechanism and Kinetics. Journal of Chemistry, 2018, 2018, 1-8. | 0.9 | 1 |
| 26 | Single crystal growth and magnetic properties of Co-doped ZnNb2O6. Modern Physics Letters B, 2019, 33, 1950274. | 1.0 | 1 |
| 27 | Internal Stressâ€Related Vibrational Splitting in Compressed SiO 2. Physica Status Solidi (B): Basic Research, 0, , 2100283. | 0.7 | 1 |
| 28 | Optical properties of trirutile structure MgTa2O6 single crystals grown by optical floating zone method. Modern Physics Letters B, 2020, 34, 2050281. | 1.0 | 0 |
| 29 | Preparation of Al2O3â€“Cr2O3 Solid Solutions as Buoyancy Markers and Their HighÂPressure Synchrotron X-ray Diffraction Analysis. Pure and Applied Geophysics, 0, , 1. | 0.8 | 0 |
| 30 | Improved Li storage capacity of 2D MoS2 upon chlorophyll derivative composition. Materials Today Communications, 2022, 31, 103465. | 0.9 | 0 |