

Sijun Luo

List of Publications by Year in descending order

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25
papers

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933447

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888059

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times ranked

506
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Heteroepitaxial Hexagonal (00.1) CuFeO ₂ Thin Film Grown on Cubic (001) SrTiO ₃ Substrate Through Translational and Rotational Domain Matching. Physica Status Solidi - Rapid Research Letters, 2021, 15, 2100002. | 2.4 | 1 |
| 2 | Surface Analysis of Perovskite Oxynitride Thin Films as Photoelectrodes for Solar Water Splitting. ACS Applied Materials & Interfaces, 2021, 13, 37785-37796. | 8.0 | 4 |
| 3 | Heteroepitaxial (111) ZnGa ₂ O ₄ Thin Films Grown on (00.1) Sapphire by Pulsed Laser Deposition. Physica Status Solidi - Rapid Research Letters, 2020, 14, 2000270. | 2.4 | 10 |
| 4 | Nanostructured manganese oxides electrode with ultra-long lifetime for electrochemical capacitors. RSC Advances, 2020, 10, 16817-16825. | 3.6 | 13 |
| 5 | Thickness-dependent microstructural properties of heteroepitaxial (00.1) CuFeO ₂ thin films on (00.1) sapphire by pulsed laser deposition. Journal of Applied Physics, 2020, 127, 065301. | 2.5 | 13 |
| 6 | Observation of large enhancement in energy-storage properties of lead-free polycrystalline 0.5BaZr _{0.2} Ti _{0.8} O ₃ –0.5Ba _{0.7} Ca _{0.3} TiO ₃ ferroelectric thin films. Journal Physics D: Applied Physics, 2019, 52, 255304. | 2.4 | 27 |
| 7 | Influence of composition on microstructure, mechanical properties and oxidation behavior of ZrB ₂ /ZrAlC composite ceramics. Journal of the Ceramic Society of Japan, 2019, 127, 878-886. | 1.1 | 2 |
| 8 | Microstructure control and toughening of ZrB ₂ –SiC/ZrAlC composite ceramics by selecting additional powders mixed with ZrB ₂ in ball milling for spark plasma sintering. Journal of the Ceramic Society of Japan, 2018, 126, 16-20. | 1.1 | 2 |
| 9 | Pulsed photoinitiated fabrication of inkjet printed titanium dioxide/reduced graphene oxide nanocomposite thin films. Nanotechnology, 2018, 29, 315401. | 2.6 | 8 |
| 10 | Enhanced Ferroelectric Polarization in Laser-ablated Bi ₄ Ti ₃ O ₁₂ Thin Films by Controlling Preferred Orientation. Journal Wuhan University of Technology, Materials Science Edition, 2018, 33, 268-272. | 1.0 | 2 |
| 11 | Instantaneous photoinitiated synthesis and rapid pulsed photothermal treatment of three-dimensional nanostructured TiO ₂ thin films through pulsed light irradiation. Journal of Materials Research, 2017, 32, 1701-1709. | 2.6 | 18 |
| 12 | Influence of in-situ synthesized Zr-Al-C on microstructure and toughening of ZrB ₂ -SiC composite ceramics fabricated by spark plasma sintering. Ceramics International, 2017, 43, 13047-13054. | 4.8 | 12 |
| 13 | Pulsed photonic fabrication of nanostructured metal oxide thin films. Applied Physics A: Materials Science and Processing, 2017, 123, 1. | 2.3 | 2 |
| 14 | Effect of oxygen partial pressure on epitaxial growth and properties of laser-ablated AZO thin films. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 27-30. | 1.0 | 3 |
| 15 | Ultra-fast epitaxial growth of β -SiC films on β -(4H)-SiC using hexamethyldisilane (HMDS) at low temperature. Ceramics International, 2016, 42, 4632-4635. | 4.8 | 7 |
| 16 | Growth and microstructure of columnar Y-doped SrZrO ₃ films deposited on Pt-coated MgO by pulsed laser deposition. Journal of Applied Physics, 2015, 118, . | 2.5 | 2 |
| 17 | Improved thermoelectric efficiency in p-type ZnSb through Zn deficiency. Functional Materials Letters, 2015, 08, 1550028. | 1.2 | 23 |
| 18 | Effect of ball milled Zr/Al/ZrB ₂ composite powders on microstructure and toughening of ZrB ₂ –SiC/ZrAlC composite ceramics sintered by spark plasma sintering. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 644, 96-104. | 5.6 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Enhanced dielectric properties of Ti-doped Ta ₂ O ₅ single crystal grown by floating zone technique. Journal of Alloys and Compounds, 2014, 588, 42-45. | 5.5 | 9 |
| 20 | Highly Reversible Lithium Storage in Hierarchical Ca ₂ Ge ₇ O ₁₆ Nanowire Arrays/Carbon Textile Anodes. Chemistry - A European Journal, 2013, 19, 8650-8656. | 3.3 | 50 |
| 21 | Single-crystalline metal germanate nanowire-carbon textiles as binder-free, self-supported anodes for high-performance lithium storage. Nanoscale, 2013, 5, 10291. | 5.6 | 53 |
| 22 | Preparation and effect of oxygen annealing on the electrical and magnetic properties of epitaxial (0001) Zn _{1-x} Co _x O thin films. Journal Wuhan University of Technology, Materials Science Edition, 2013, 28, 893-897. | 1.0 | 1 |
| 23 | Epitaxial Integration of (100) Bi ₄ Ti ₃ O ₁₂ with (0001) ZnO through Long-Range Lattice Matching. Applied Physics Express, 2012, 5, 085801. | 2.4 | 3 |
| 24 | Fabrication and characterizations of Zn _{1-x} CoxO bulk ceramics prepared by solid state reaction combined with spark plasma sintering. Journal of Materials Science: Materials in Electronics, 2012, 23, 1477-1484. | 2.2 | 9 |
| 25 | Preparation and characterization of transparent Bi _{3.6} Ho _{0.4} Ti ₃ O ₁₂ /ZnO:Al ferroelectric-semiconductor heterostructure by pulsed laser deposition. Materials Letters, 2012, 79, 173-176. | 2.6 | 6 |