

Lin Sun

List of Publications by Year in descending order

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168
papers

4,294
citations

145106

33
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169272

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g-index

168
all docs

168
docs citations

168
times ranked

5073
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Medicinal chemistry strategies towards the development of effective SARS-CoV-2 inhibitors. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 581-599. | 5.7 | 33 |
| 2 | A critical review on the phytoremediation of heavy metals from environment: Performance and challenges. <i>Chemosphere</i> , 2022, 291, 132979. | 4.2 | 109 |
| 3 | Use of Xpert MTB/RIF Ultra assay on stool and gastric aspirate samples to diagnose pulmonary tuberculosis in children in a high-tuberculosis-burden but resource-limited area of China. <i>International Journal of Infectious Diseases</i> , 2022, 114, 236-243. | 1.5 | 9 |
| 4 | Ferro-electric and magnetic properties in $\text{Bi}_{5-x}\text{Ti}_3\text{FeO}_{15}$ films by Mn doping. <i>Journal of Materials Chemistry C</i> , 2022, 10, 1003-1009. | 2.7 | 0 |
| 5 | An overview of the methods for analyzing the chemical forms of metals in plants. <i>International Journal of Phytoremediation</i> , 2022, 24, 1418-1430. | 1.7 | 4 |
| 6 | A Novel Cross-Priming Amplification-Based Assay for Tuberculosis Diagnosis in Children Using Gastric Aspirate. <i>Frontiers in Microbiology</i> , 2022, 13, 819654. | 1.5 | 3 |
| 7 | Influence of selenium growth condition on the photovoltaic conversion efficiency of Sb_2Se_3 as the solar cell absorption layer. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 10335-10342. | 1.1 | 4 |
| 8 | Comparative study of water-soluble polysaccharides isolated from leaves and roots of <i>Isatis indigotica</i> Fort.. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 642-652. | 3.6 | 10 |
| 9 | Effectiveness of Bacillus Calmette-Guérin vaccination against severe childhood tuberculosis in China: a case-based, multicenter retrospective study. <i>International Journal of Infectious Diseases</i> , 2022, , . | 1.5 | 3 |
| 10 | Structure and antioxidant activity of six mushroom-derived heterogalactans. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 1439-1449. | 3.6 | 14 |
| 11 | Positive Role of Inhibiting CZTSSe Decomposition on Intrinsic Defects and Interface Recombination of 12.03% Efficient Kesterite Solar Cells. <i>Solar Rrl</i> , 2022, 6, . | 3.1 | 16 |
| 12 | β -1,6-Glucan From <i>Pleurotus eryngii</i> Modulates the Immunity and Gut Microbiota. <i>Frontiers in Immunology</i> , 2022, 13, 859923. | 2.2 | 12 |
| 13 | Above 10% efficient electrodeposited $\text{Cu}_2\text{ZnSn}(\text{S},\text{Se})_4$ solar cell achieved by modifying precursor. <i>Solar Energy Materials and Solar Cells</i> , 2022, 242, 111781. | 3.0 | 6 |
| 14 | Influence of elevated atmospheric CO_2 levels on phytoremediation effect of <i>Festuca arundinacea</i> intercropped with <i>Echinochloa caudata</i> . <i>Chemosphere</i> , 2021, 270, 128654. | 4.2 | 5 |
| 15 | Search, Identification, and Design of Effective Antiviral Drugs Against Pandemic Human Coronaviruses. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1322, 219-260. | 0.8 | 5 |
| 16 | Recent developments in the medicinal chemistry of single boron atom-containing compounds. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 3035-3059. | 5.7 | 70 |
| 17 | Selective Release of Different Neurotransmitters Emulated by a p <i>n</i> Junction Synaptic Transistor for Environment-Responsive Action Control. <i>Advanced Materials</i> , 2021, 33, e2007350. | 11.1 | 70 |
| 18 | Improvement of grain growth and composition distribution of $\text{Cu}_2\text{ZnSn}(\text{S},\text{Se})_4$ by using chloride-based precursor solution. <i>Solar Energy</i> , 2021, 215, 451-458. | 2.9 | 3 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Spin-orbit torque and Dzyaloshinskiiâ€Moriya interaction in 4d metal Rh-based magnetic heterostructures. <i>Applied Physics Letters</i> , 2021, 118, . | 1.5 | 6 |
| 20 | Molecular characterization of multidrug-resistant tuberculosis against levofloxacin, moxifloxacin, bedaquiline, linezolid, clofazimine, and delamanid in southwest of China. <i>BMC Infectious Diseases</i> , 2021, 21, 330. | 1.3 | 27 |
| 21 | Development and Preliminary Application of Multiplex Loop-Mediated Isothermal Amplification Coupled With Lateral Flow Biosensor for Detection of Mycobacterium tuberculosis Complex. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 666492. | 1.8 | 7 |
| 22 | Increased Macrolide Resistance Rate of M3562 Mycoplasma pneumoniae Correlated With Macrolide Usage and Genotype Shifting. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 675466. | 1.8 | 16 |
| 23 | Appraisal of a novel extraction technique for estimation of cadmium content in pea seedlings based on human health risk assessment. <i>International Journal of Phytoremediation</i> , 2021, , 1-8. | 1.7 | 0 |
| 24 | Molecular insights on the influence of temperature and metal ions on the hydration of kaolinite (001) surface. <i>Molecular Simulation</i> , 2021, 47, 1029-1036. | 0.9 | 6 |
| 25 | Design, synthesis and anti-HIV evaluation of novel 5-substituted diarylpyrimidine derivatives as potent HIV-1 NNRTIs. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 40, 116195. | 1.4 | 5 |
| 26 | Realization of 11.5% Efficiency Cu ₂ ZnSn(S,Se) ₄ Thin-Film Solar Cells by Manipulating the Phase Structure of Precursor Films. <i>Solar Rrl</i> , 2021, 5, 2100216. | 3.1 | 11 |
| 27 | Tuberculosis infection screening in children with close contact: a hospital-based study. <i>BMC Infectious Diseases</i> , 2021, 21, 815. | 1.3 | 4 |
| 28 | Electric-field modulated photovoltaic effect of ferroelectric double-perovskite Bi ₂ FeMnO ₆ films. <i>Applied Physics Letters</i> , 2021, 119, . | 1.5 | 7 |
| 29 | Heterojunction post-heat treatment process driving high efficiency for Cu ₂ ZnSnS ₄ solar cell. <i>Solar Energy Materials and Solar Cells</i> , 2021, 230, 111204. | 3.0 | 12 |
| 30 | Discovery, optimization, and target identification of novel coumarin derivatives as HIV-1 reverse transcriptase-associated ribonuclease H inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021, 225, 113769. | 2.6 | 9 |
| 31 | Design, synthesis, and mechanism study of dimerized phenylalanine derivatives as novel HIV-1 capsid inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021, 226, 113848. | 2.6 | 15 |
| 32 | Digitally aligned ZnO nanowire array based synaptic transistors with intrinsically controlled plasticity for short-term computation and long-term memory. <i>Nanoscale</i> , 2021, 13, 19190-19199. | 2.8 | 8 |
| 33 | Multiple Cross Displacement Amplification Combined With Real-Time Polymerase Chain Reaction Platform: A Rapid, Sensitive Method to Detect Mycobacterium tuberculosis. <i>Frontiers in Microbiology</i> , 2021, 12, 812690. | 1.5 | 4 |
| 34 | Ultra-flat ITO films on mica for high temperature transparent flexible electrodes. <i>Ceramics International</i> , 2020, 46, 2268-2272. | 2.3 | 22 |
| 35 | Carrier Transfer of Deep-Level Localized States in Type-II In _x Ga _{1-x} As/GaN y As _{1-y} and Short-Period Superlattice. <i>Physica Status Solidi (B): Basic Research</i> , 2020, 257, 1900258. | 0.7 | 3 |
| 36 | Mechanism on the modified sulfurization process for growing large-grained Cu ₂ ZnSnS ₄ thin films. <i>Solar Energy</i> , 2020, 196, 597-606. | 2.9 | 30 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Effect of CZTS/CdS interfaces deposited with sputtering and CBD methods on Voc deficit and efficiency of CZTS solar cells. <i>Journal of Alloys and Compounds</i> , 2020, 817, 153329. | 2.8 | 23 |
| 38 | Preparation and multiferroicity of a novel two-dimensional material NiH ₂ SeO ₄ . <i>Journal of Materials Chemistry C</i> , 2020, 8, 14812-14818. | 2.7 | 5 |
| 39 | Modification of Back Contact in Cu ₂ ZnSnS ₄ Solar Cell by Inserting Al-Doped ZnO Intermediate Layer. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 58060-58071. | 4.0 | 33 |
| 40 | Discovery of potential dual-target prodrugs of HIV-1 reverse transcriptase and nucleocapsid protein 7. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127287. | 1.0 | 3 |
| 41 | MoO ₂ Sacrificial Layer for Optimizing Back Contact Interface of Cu ₂ ZnSn(S,Se) ₄ Solar Cells. <i>IEEE Journal of Photovoltaics</i> , 2020, 10, 1191-1200. | 1.5 | 23 |
| 42 | Beyond 10% efficient Cu ₂ ZnSn(S,Se) ₄ solar cells: Effects of the introduction of SnS powder during selenization process. <i>Solar Energy Materials and Solar Cells</i> , 2020, 210, 110522. | 3.0 | 28 |
| 43 | Improving the efficiency of Cu ₂ ZnSnS ₄ solar cells by promoting the homogeneous distribution of Sn element. <i>Applied Surface Science</i> , 2020, 529, 147160. | 3.1 | 15 |
| 44 | Ferroelectric domain structure of Bi ₂ FeCrO ₆ multiferroic thin films. <i>Journal of Applied Physics</i> , 2020, 128, 234103. | 1.1 | 5 |
| 45 | Revealing a metastable cubic phase in CoFe ₂ O ₄ /SrTiO ₃ three-dimensional network heteroepitaxial nanostructure. <i>Journal of Applied Physics</i> , 2020, 128, 225303. | 1.1 | 0 |
| 46 | Temperature and excitation dependence of stimulated emission and spontaneous emission in InGaN epilayer. <i>Chinese Physics B</i> , 2019, 28, 057802. | 0.7 | 1 |
| 47 | Design, synthesis and biological evaluation of 3-hydroxyquinazoline-2,4(1H,3H)-diones as dual inhibitors of HIV-1 reverse transcriptase-associated RNase H and integrase. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 3836-3845. | 1.4 | 12 |
| 48 | Establishment and Application of a Multiple Cross Displacement Amplification Coupled With Nanoparticle-Based Lateral Flow Biosensor Assay for Detection of <i>Mycoplasma pneumoniae</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 325. | 1.8 | 21 |
| 49 | Development and Clinical Validation of Multiple Cross Displacement Amplification Combined With Nanoparticles-Based Biosensor for Detection of <i>Mycobacterium tuberculosis</i> : Preliminary Results. <i>Frontiers in Microbiology</i> , 2019, 10, 2135. | 1.5 | 18 |
| 50 | Label-Free Cross-Priming Amplification Coupled With Endonuclease Restriction and Nanoparticles-Based Biosensor for Simultaneous Detection of Nucleic Acids and Prevention of Carryover Contamination. <i>Frontiers in Chemistry</i> , 2019, 7, 322. | 1.8 | 4 |
| 51 | Grain growth enhancing through preheating treatment of a sputtered stacked metallic precursor for Cu(In, Al)Se ₂ thin film solar cells application. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 242, 31-36. | 1.7 | 5 |
| 52 | Simultaneous Nucleic Acids Detection and Elimination of Carryover Contamination With Nanoparticles-Based Biosensor- and Antarctic Thermal Sensitive Uracil-DNA-Glycosylase-Supplemented Polymerase Spiral Reaction. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 401. | 2.0 | 2 |
| 53 | Early Diagnosis of <i>Mycoplasma pneumoniae</i> in Children: Simultaneous Amplification and Testing (SAT) Is the Key. <i>Frontiers in Pediatrics</i> , 2019, 7, 441. | 0.9 | 10 |
| 54 | Origin of Band-Tail and Deep-Donor States in Cu ₂ ZnSnS ₄ Solar Cells and Their Suppression through Sn-Poor Composition. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 7929-7936. | 2.1 | 64 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Design, synthesis, and biologic evaluation of novel galloyl derivatives as HIV-1 RNAse H inhibitors. <i>Chemical Biology and Drug Design</i> , 2019, 93, 582-589. | 1.5 | 14 |
| 56 | A Robust Artificial Synapse Based on Organic Ferroelectric Polymer. <i>Advanced Electronic Materials</i> , 2019, 5, 1800600. | 2.6 | 129 |
| 57 | The role of tuning Se/(Se+Se) ratio in the improvement of Cu ₂ MnSn(S, Se) ₄ thin films properties and photovoltaic device performance. <i>Solar Energy</i> , 2019, 179, 279-285. | 2.9 | 6 |
| 58 | Ferroelectric Synapses: A Robust Artificial Synapse Based on Organic Ferroelectric Polymer (Adv.) <i>Tj ETQq0 0 0 rgBTj/Overlock 3 10 Tf 50 6</i> | 2.6 | 3 |
| 59 | Mutations of <i>Mycobacterium tuberculosis</i> induced by anti-tuberculosis treatment result in metabolism changes and elevation of ethambutol resistance. <i>Infection, Genetics and Evolution</i> , 2019, 72, 151-158. | 1.0 | 10 |
| 60 | Effects of sputtering parameters on photoelectric properties of AZO film for CZTS solar cell. <i>Journal of Alloys and Compounds</i> , 2019, 774, 201-209. | 2.8 | 25 |
| 61 | Development of loop-mediated isothermal amplification coupled with nanoparticle-based lateral flow biosensor assay for <i>Mycoplasma pneumoniae</i> detection. <i>AMB Express</i> , 2019, 9, 196. | 1.4 | 23 |
| 62 | Changes in microbial population and chemical composition of corn stover during field exposure and effects on silage fermentation and in vitro digestibility. <i>Asian-Australasian Journal of Animal Sciences</i> , 2019, 32, 815-825. | 2.4 | 9 |
| 63 | Improvement performance of two-step electrodepositing Cu ₂ MnSnS ₄ thin film solar cells by tuning Cu-Sn alloy layer deposition time. <i>Materials Chemistry and Physics</i> , 2018, 211, 382-388. | 2.0 | 13 |
| 64 | Effects of bismuth-doping on the properties of Cu(In, Al)Se ₂ thin films prepared by selenization of sputtered stacked precursors. <i>Materials Letters</i> , 2018, 213, 19-22. | 1.3 | 3 |
| 65 | Compositional dependence of photovoltaic properties of Cu ₂ ZnSnSe ₄ thin film solar cell: Experiment and simulation. <i>Solar Energy</i> , 2018, 159, 572-578. | 2.9 | 13 |
| 66 | Leakage mechanisms of double-perovskite Bi ₂ FeMnO ₆ epitaxial thin films. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 045304. | 1.3 | 8 |
| 67 | The role of sulfurization temperature on the morphological, structural and optical properties of electroplated Cu ₂ MnSnS ₄ absorbers for photovoltaics. <i>Materials Letters</i> , 2018, 233, 111-114. | 1.3 | 12 |
| 68 | rs1800796 of the IL6 gene is associated with increased risk for anti-tuberculosis drug-induced hepatotoxicity in Chinese Han children. <i>Tuberculosis</i> , 2018, 111, 71-77. | 0.8 | 7 |
| 69 | Strategic improvement of Cu ₂ SnS ₃ thin film by different heating rates and photoluminescence investigation. <i>Materials Science in Semiconductor Processing</i> , 2018, 84, 124-130. | 1.9 | 10 |
| 70 | Tailoring colossal magnetoresistance and magnetoresistive memory effect by two-dimension-like phase competition in electron-doped manganite superlattices. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 275304. | 1.3 | 2 |
| 71 | Effect of sulfurization temperature of solution-processed Cu ₂ SnS ₃ absorber for low cost photovoltaic cells. <i>Materials Letters</i> , 2018, 228, 447-449. | 1.3 | 15 |
| 72 | Early target attainment of azithromycin therapy in children with lower respiratory tract infections. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2846-2850. | 1.3 | 8 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | 5-Hydroxypyrido[2,3-b]pyrazin-6(5H)-one derivatives as novel dual inhibitors of HIV-1 reverse transcriptase-associated ribonuclease H and integrase. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 714-724. | 2.6 | 31 |
| 74 | Effect of the post-selenization time on the structural and optical properties of Cu ₂ MnSn(S,Se) ₄ thin films synthesized by sol-gel technique. <i>Materials Letters</i> , 2017, 201, 185-188. | 1.3 | 10 |
| 75 | The preparation, and structural and multiferroic properties of B-site ordered double-perovskite Bi ₂ FeMnO ₆ . <i>Journal of Materials Chemistry C</i> , 2017, 5, 5494-5500. | 2.7 | 28 |
| 76 | Synthesis of Cu ₂ MnSnS ₄ thin film deposited on seeded fluorine doped tin oxide substrate via a green and low-cost electrodeposition method. <i>Materials Letters</i> , 2017, 191, 186-188. | 1.3 | 25 |
| 77 | Discovery of susceptibility loci associated with tuberculosis in Han Chinese. <i>Human Molecular Genetics</i> , 2017, 26, 4752-4763. | 1.4 | 50 |
| 78 | Electronic phase diagram of oxygen-deficient SmNiO ₃ epitaxial thin films. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 235302. | 1.3 | 9 |
| 79 | Microstructural and morphological properties of spin-coated Cu ₂ MnSn(S,Se) ₄ thin films for solar cell applications. <i>Materials Letters</i> , 2017, 206, 249-252. | 1.3 | 3 |
| 80 | Cation substitution induced structural transition, band gap engineering and grain growth of Cu ₂ CdZn _{1-x} SnS ₄ thin films. <i>Journal of Alloys and Compounds</i> , 2017, 695, 482-488. | 2.8 | 35 |
| 81 | Investigate the growth mechanism of Cu ₂ FeSnS ₄ thin films by sulfurization of metallic precursor. <i>Materials Letters</i> , 2017, 186, 138-141. | 1.3 | 17 |
| 82 | Investigation of Cu ₂ ZnSnS ₄ thin films with controllable Cu composition and its influence on photovoltaic properties for solar cells. <i>Journal of Alloys and Compounds</i> , 2017, 694, 833-840. | 2.8 | 25 |
| 83 | Research on Product Attribute Extraction and Classification Method for Online Review. , 2017, , . | | 3 |
| 84 | Prevalence and molecular characteristics of drug-resistant Mycobacterium tuberculosis in Beijing, China: 2006 versus 2012. <i>BMC Microbiology</i> , 2016, 16, 85. | 1.3 | 19 |
| 85 | Rs1914663 of SFTPA 1 gene is associated with pediatric tuberculosis in Han Chinese population. <i>Infection, Genetics and Evolution</i> , 2016, 41, 16-20. | 1.0 | 2 |
| 86 | Antimony-induced grain growth and properties modification of Cu(In, Al)Se ₂ thin films fabricated by selenization of sputtered stacked precursors. <i>Journal of Alloys and Compounds</i> , 2016, 689, 21-29. | 2.8 | 8 |
| 87 | Utility of Novel Plasma Metabolic Markers in the Diagnosis of Pediatric Tuberculosis: A Classification and Regression Tree Analysis Approach. <i>Journal of Proteome Research</i> , 2016, 15, 3118-3125. | 1.8 | 20 |
| 88 | Comparative study of the structural and optical properties of Cu ₂ SnX ₃ and Cu ₂ ZnSnX ₄ (X = S, Se) thin films and optoelectronic devices. <i>Materials Research Express</i> , 2016, 3, 116411. | 0.8 | 4 |
| 89 | Identification of differentially expressed transcripts targeted by the knockdown of endogenous IFITM3. <i>Molecular Medicine Reports</i> , 2016, 14, 4367-4373. | 1.1 | 7 |
| 90 | Heating rate tuning in structure, morphology and electricity properties of Cu ₂ FeSnS ₄ thin films prepared by sulfurization of metallic precursors. <i>Journal of Alloys and Compounds</i> , 2016, 680, 446-451. | 2.8 | 52 |

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|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | Study on the preheating duration of Cu ₂ SnS ₃ thin films using RF magnetron sputtering technique for photovoltaics. Journal of Alloys and Compounds, 2016, 665, 69-75. | 2.8 | 38 |
| 92 | Compensatory Mutations of Rifampin Resistance Are Associated with Transmission of Multidrug-Resistant Mycobacterium tuberculosis Beijing Genotype Strains in China. Antimicrobial Agents and Chemotherapy, 2016, 60, 2807-2812. | 1.4 | 62 |
| 93 | Strategic improvement of Cu ₂ MnSnS ₄ films by two distinct post-annealing processes for constructing thin film solar cells. Acta Materialia, 2016, 109, 1-7. | 3.8 | 38 |
| 94 | 7.1% efficient co-electroplated Cu ₂ ZnSnS ₄ thin film solar cells with sputtered CdS buffer layers. Green Chemistry, 2016, 18, 550-557. | 4.6 | 104 |
| 95 | A sputtered CdS buffer layer for co-electrodeposited Cu ₂ ZnSnS ₄ solar cells with 6.6% efficiency. Chemical Communications, 2015, 51, 10337-10340. | 2.2 | 83 |
| 96 | Structural, optical and electrical properties of Cu ₂ FeSnSe ₄ and Cu(In,Al)Se ₂ thin films. Materials Science in Semiconductor Processing, 2015, 39, 243-250. | 1.9 | 10 |
| 97 | Effect of sulfurization temperature on properties of Cu ₂ SnS ₃ thin films and solar cells prepared by sulfurization of stacked metallic precursors. Materials Science in Semiconductor Processing, 2015, 38, 171-176. | 1.9 | 44 |
| 98 | Composition dependence of the structure and optical properties of Cu ₂ MnxZn _{1-x} SnS ₄ thin films. Journal of Alloys and Compounds, 2015, 627, 388-392. | 2.8 | 53 |
| 99 | Toll-like receptor 1 (TLR1) Gene SNP rs5743618 is associated with increased risk for tuberculosis in Han Chinese children. Tuberculosis, 2015, 95, 197-203. | 0.8 | 33 |
| 100 | Fabrication of single-crystal/phase Cu ₂ ZnSnS ₄ nanorods via a two-step spin coating route. Applied Physics Express, 2015, 8, 035202. | 1.1 | 2 |
| 101 | Microstructural and morphological properties of sputtered Cu(In, Al)Se ₂ thin films for solar cell applications. Materials Letters, 2015, 157, 42-44. | 1.3 | 10 |
| 102 | Influence of different S/Se ratio on the properties of Cu ₂ Sn(S _x Se _{1-x}) ₃ thin films fabricated by annealing stacked metal precursors. Journal of Materials Science: Materials in Electronics, 2015, 26, 6723-6729. | 1.1 | 15 |
| 103 | Cu content dependence of morphological, structural and optical properties for Cu ₂ ZnGeS ₄ thin films synthesized by sulfurization of sputtered precursors. Materials Letters, 2015, 159, 1-4. | 1.3 | 16 |
| 104 | Structural and optical tunability by reaction time of selenization in Cu ₂ FeSnSe ₄ thin films. Journal of Alloys and Compounds, 2015, 646, 68-72. | 2.8 | 5 |
| 105 | Synthesis, structure, optics and electrical properties of Cu ₂ FeSnS ₄ thin film by sputtering metallic precursor combined with rapid thermal annealing sulfurization process. Materials Letters, 2015, 151, 61-63. | 1.3 | 58 |
| 106 | Influence of annealing temperature on structural and optical properties of Cu ₂ MnSnS ₄ thin films fabricated by sol-gel technique. Journal of Alloys and Compounds, 2015, 640, 23-28. | 2.8 | 53 |
| 107 | Synthesis of Cu ₂ ZnGeS ₄ thin film via sulfurization of RF magnetron sputtered precursor. Journal of Materials Science: Materials in Electronics, 2015, 26, 3984-3988. | 1.1 | 9 |
| 108 | Synthesis and characterization of Cu-based selenide photovoltaic materials: Cu ₂ FeSnSe ₄ and Cu(In, Tj ETQq0 0 0 ggBT /Overlock 10 Tf | 2.8 | 13 |

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|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Synthesis and characterization of earth-abundant Cu ₂ MnSnS ₄ thin films using a non-toxic solution-based technique. RSC Advances, 2015, 5, 84295-84302. | 1.7 | 51 |
| 110 | Synthesis and optimized sulfurization time of Cu ₂ SnS ₃ thin films obtained from stacked metallic precursors for solar cell application. Materials Letters, 2015, 160, 468-471. | 1.3 | 32 |
| 111 | Investigation of microstructural and optical properties of Cu(In, Al)Se ₂ thin films with various copper content. Journal of Alloys and Compounds, 2015, 651, 208-213. | 2.8 | 12 |
| 112 | Sulfurization temperature dependence of the structural transition in Cu ₂ FeSnS ₄ -based thin films. Materials Letters, 2015, 161, 427-430. | 1.3 | 25 |
| 113 | Structural and electrical properties of CuIn _{1-x} Al _x Se ₂ thin films prepared by radio-frequency magnetron sputtering process. Applied Surface Science, 2015, 326, 211-215. | 3.1 | 3 |
| 114 | Influence of sulfurization pressure on Cu ₂ ZnSnS ₄ thin films and solar cells prepared by sulfurization of metallic precursors. Journal of Power Sources, 2015, 273, 600-607. | 4.0 | 65 |
| 115 | Performance of the Interferon Gamma Release Assays in Tuberculosis Disease in Children Five Years Old or Less. PLoS ONE, 2015, 10, e0143820. | 1.1 | 16 |
| 116 | Rapid Diagnosis of Childhood Pulmonary Tuberculosis by Xpert MTB/RIF Assay Using Bronchoalveolar Lavage Fluid. BioMed Research International, 2014, 2014, 1-6. | 0.9 | 28 |
| 117 | A 3'UTR Polymorphism of IL-6R Is Associated with Chinese Pediatric Tuberculosis. BioMed Research International, 2014, 2014, 1-7. | 0.9 | 5 |
| 118 | Carrier thermalization under stimulated emission in In _{0.17} Ga _{0.83} N epilayer at room temperature. Applied Physics Letters, 2014, 105, 232104. | 1.5 | 2 |
| 119 | Effect of working pressure on growth of Cu(In,Ga)Se ₂ thin film deposited by sputtering from a single quaternary target. Materials Letters, 2014, 116, 75-78. | 1.3 | 27 |
| 120 | Superabsorbent poly(acrylamide-co-itaconic acid) hydrogel microspheres: Preparation, characterization and absorbency. Polymer Science - Series A, 2014, 56, 275-282. | 0.4 | 15 |
| 121 | Optical properties of multiferroic LuFeO ₃ ceramics. Ceramics International, 2014, 40, 1171-1175. | 2.3 | 20 |
| 122 | Cu ₂ ZnSnS ₄ thin film solar cell utilizing rapid thermal process of precursors sputtered from a quaternary target: a promising application in industrial processes. RSC Advances, 2014, 4, 43080-43086. | 1.7 | 46 |
| 123 | Effect of deposition potential on the properties of Cu ₂ ZnSnS ₄ films for solar cell applications. Materials Letters, 2014, 135, 8-10. | 1.3 | 19 |
| 124 | Synthesis and characterization of Cu ₂ ZnSnS ₄ thin films by the sulfurization of co-electrodeposited Cu-Zn-S precursor layers for solar cell applications. RSC Advances, 2014, 4, 23977-23984. | 1.7 | 63 |
| 125 | Synthesis of Cu ₂ FeSnSe ₄ thin film by selenization of RF magnetron sputtered precursor. Materials Letters, 2014, 117, 1-3. | 1.3 | 26 |
| 126 | Effect of selenization time on the growth of Cu ₂ ZnSnSe ₄ thin films obtained from rapid thermal processing of stacked metallic layers. Materials Letters, 2014, 126, 1-4. | 1.3 | 11 |

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|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 127 | rs2243268 and rs2243274 of Interleukin-4 (IL-4) gene are associated with reduced risk for extrapulmonary and severe tuberculosis in Chinese Han children. <i>Infection, Genetics and Evolution</i> , 2014, 23, 121-128. | 1.0 | 14 |
| 128 | Influence of rare-earth elements doping on structure and optical properties of BiFeO ₃ thin films fabricated by pulsed laser deposition. <i>Applied Surface Science</i> , 2014, 307, 543-547. | 3.1 | 14 |
| 129 | Influence of Se supply for selenization of Cu(In,Ga)Se ₂ precursors deposited by sputtering from a single quaternary target. <i>Materials Letters</i> , 2014, 118, 21-23. | 1.3 | 19 |
| 130 | Preparation and characterization of Bi-doped LuFeO ₃ thin films grown on LaNiO ₃ substrate. <i>Journal of Crystal Growth</i> , 2014, 387, 6-9. | 0.7 | 9 |
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