RESEARCH & PUBLICATIONS

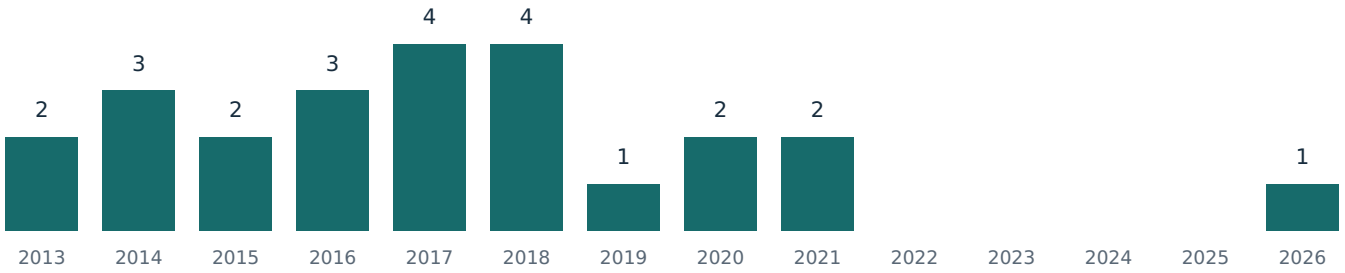
M Ameri

A publication record at a glance

24	871	19
ARTICLES	CITATIONS	h-INDEX

PUBLICATION ACTIVITY

Articles by publication year



MOST CITED IN THIS LIST

First-Principles Calculations to Investigate the Refractive Index and Optical Dielectric Constant of Na3SbX4 (X = S, Se) Ternary Chalcogenides — 128

2019 Physica Status Solidi (B): Basic Research

A Needle-Like Cu2CdSnS4 Alloy Nanostructure-Based Integrated Electrochemical Biosensor for Detecting the DNA of Dengue Serotype 2 — 91

2017 Mikrochimica Acta

Structural and Optical Insights to Enhance Solar Cell Performance of CdS Nanostructures — 75

2014 Energy Conversion and Management

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2026

01 Structural, Optical, Photocatalytic and Surface Wettability Investigations of Zn-Doped CuO Nanostructure for Optoelectronic Applications

2 citations

Applied Physics A: Materials Science and Processing · 132, 355

https://exaly.com/article/211999745

2021

02 Temperature Effect to Investigate Optical and Structural Properties of AZO Nanostructures for Optoelectronics

19 citations

Bulletin of Materials Science · 44, 1-10

https://exaly.com/article/79240789

03 Full Heusler Alloys, With High Absorption Coefficient, Insight Into the Optical Properties of Li2CaC and Li2SrC

38 citations

Solid State Communications · 328, 114238

https://exaly.com/article/80053624

2020

04 Synthesis and Analysis of SnO2/ZnO Nanocomposites: Structural Studies and Optical Investigations With Maxwell–Garnett Model

24 citations

Materials Chemistry and Physics · 240, 122254

https://exaly.com/article/75032663

05 Fabrication and Characterizations of Al Nanoparticles Doped ZnO Nanostructures-Based Integrated Electrochemical Biosensor

54 citations

Journal of Materials Research and Technology · 9, 857-867

https://exaly.com/article/75358259

2019

06 First-Principles Calculations to Investigate the Refractive Index and Optical Dielectric Constant of Na3SbX4 (X = S, Se) Ternary Chalcogenides

128 citations

Physica Status Solidi (B): Basic Research · 256, 1900131

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2018

07 Analysis and Characterization of Cu2CdSnS4 Quaternary Alloy Nanostructures Deposited on GaN

28 citations

Indian Journal of Physics · 92, 695-703

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Ordered by publication year, newest first

2018 / continued

08 **Structural and Optical Properties of Nanophotonic LiNbO3 Under Stirrer Time Effect**
38 citations
Journal of Optical Communications · 39, 297-306
https://exaly.com/article/69465784

09 **Stirrer Time Effect on Optical Properties of Nanophotonic LiNbO3**
48 citations
Materials Chemistry and Physics · 203, 243-248
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10 **Spin-Coating Technique to Investigate Structural and Optical Properties of Nano and Micro Cubic-Like Photonic LiNbO3 Under Annealing Temperature Effect**
10 citations
Optik · 172, 519-525
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2017

11 **Surface Functionalized Cu2Zn1−x Cd x SnS4 Quinternary Alloyed Nanostructure for DNA Sensing**
23 citations
Applied Physics A: Materials Science and Processing · 123, 1-9
https://exaly.com/article/66126986

12 **A Needle-Like Cu2CdSnS4 Alloy Nanostructure-Based Integrated Electrochemical Biosensor for Detecting the DNA of Dengue Serotype 2**
91 citations
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13 **First-Principles Calculations to Investigate the Structural, Electronic and Optical Properties of Zn1−xMgxTe Ternary Alloys**
59 citations
Chinese Journal of Physics · 55, 1018-1031
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14 **Aluminium Nanoparticles Size Effect on the Optical and Structural Properties of ZnO Nanostructures Synthesized by Spin-Coating Technique**
43 citations
Results in Physics · 7, 1190-1197
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15 **Fabrication, Analysis and Characterization of Cu2Zn1−x Cd x SnS4 Quinternary Alloy Nanostructures Deposited on GaN**
22 citations
Journal of Materials Science · 51, 6876-6885
https://exaly.com/article/64090427

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2016 / continued

16 **Structural Investigations Through Cobalt Effect on ZnO Nanostructures**
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29 citations

17 **Optical Analysis of Lens-Like Cu2CdSnS4 Quaternary Alloy Nanostructures**
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25 citations

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18 **Mechanical Stiffening and Thermal Softening of Superionic Alkali Metal Oxides**
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19 **Ab Initio Method of Optical Investigations of CdS1−xTex Alloys Under Quantum Dots Diameter Effect**
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20 **First-Principles Calculations of Structural, Electronic, Optical, and Thermodynamic Properties of CdS, CdTe and Their Ternary Alloys CdS1-xTex(0.0 ≤ x ≤1.0)**
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https://exaly.com/article/57860806
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21 **Structural and Optical Insights to Enhance Solar Cell Performance of CdS Nanostructures**
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75 citations

22 **Optical Investigations of ZnxCd1-xS Nanostructures**
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11 citations

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23 **FP-LMTO Method to Calculate the Structural, Thermodynamic and Optoelectronic Properties of SixGe1−xC Alloys**
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24 **Morphology, Analysis and Properties Studies of CdS Nanostructures Under Thiourea Concentration Effect for Photovoltaic Applications**

21 citations

International Journal of Electrochemical Science · 8, 10688-10696

https://exaly.com/article/164170412

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