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Structural and electrical properties of SnS₂ thin films ...

Structural and electrical properties of cobalt-doped 4H- $\text{SrMnO}_{3-\delta}$ perovskites obtained by the hydrothermal method

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Structural and
Electrical Properties of
(PbSe)_{1.16}TiSe₂ ...

In this communication,
preliminary structural
and detailed electrical
(dielectric,
polarization,
impedence, and
conductivity)
characteristics of
BaSnO₃ and BaSeO₃
modified complex Bi
0.5 Na 0.5 TiO₃

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ceramics with a
general chemical
formula and

composition,

$(1-2x)[(\text{Bi } 0.5 \text{ Na } 0.5)$

$\text{TiO } 3]+x(\text{BaSnO}$

$3)+x(\text{BaSeO } 3)$ (with x

$= 0, 0.05, 0.1, 0.15)$

(BNT–BSn–BSe)

ceramics, synthesized

by a high ...

Structural and
electrical properties of

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Li-doped ZnO films ...
Structural, dielectric,
and electrical
properties of lithium
niobate microfibers. ...

Khatri P, Behera B,
Srinivas V, et al.

Structural and
dielectric properties of
Ba₃V₂O₈ ceramics.
Curr Appl Phys 2009,
9: 515–519. Article;
Google Scholar [18]
Macdonald JR.

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Properties Of
Spectroscopy. New
York: Wiley, 1987.

Structural, Optical
and Electrical
Properties of Undoped
...

Structural and
electrical properties of
 $\text{LiNi}_{1-y}\text{Co}_y\text{O}_2$ Article
in Solid State Ionics
157(s 1-4):109-114 .
February 2003 with 10

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Reads How we
measure 'reads'

Structural, dielectric,
and electrical
properties of ...

We report structural
and electrical
properties of catalyst-
free Si-doped InAs
nanowires (NWs)
formed on Si(111)
substrates. The
average diameter of Si-

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doped InAs NWs was almost similar to that of ...

Structural and electrical properties of $\text{LiNi}_{1-y}\text{Co}_y\text{O}_2$...

The structural and electrical properties of (CMC-PVP-PVA-PbO₂) nanocomposites were studied. FTIR spectra show shift in peak position as well

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as change in shape and intensity, ...

Structural, optical, and electrical properties of phase ... Crystalline, electrically conductive, and intrinsically porous materials are rare. Layered two-dimensional (2D) metal-organic frameworks (MOFs)

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break this trend. They are porous crystals that exhibit high electrical conductivity and are novel platforms for studying fundamentals of electricity and magnetism in two dimensions. Despite demonstrated applications, electrical transport in these ...

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Structural, dielectric
and electrical
properties of BaSnO₃

...

In this paper, the structural and electrical properties of NZS-Py 14 TFSI HSE were investigated. We also compared the results with Pristine NZS (no addition of IL) that acted as a control for this study.

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For characterisation purposes, the HSE was subjected to X-ray diffraction (XRD), thermogravimetric analysis ...

Structural and electrical properties of $(\text{Zr},\text{Ti})_{0.85}(\text{Ca},\text{Sr} \dots$
The effect of substrate temperature on the structural and electrical properties,

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phase composition,
and surface
morphology of tin
disulfide thin (SnS_2)
films obtained by the
close-spaced vacuum ...

Optical, structural and
electrical properties of
 ZnO thin ...

The structural,
dielectric, electrical
properties of the
ceramic have been

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studied for a wider range of frequency and temperature. The presence of higher conduction mechanism in this sample can be estimated from the ac conductivity vs. temperature spectrum, which displays the hopping mechanism of charge carriers.

Structural and

Page 18/33

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electrical properties of
Na₂ZnSiO₄ ...

In this work, we investigate the structural and electrical properties of Cu doped Ni-Cd nanoferrites with different compositions annealed at 550 °C through sol-gel auto-combustion technique. The research results proved that the effects

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of copper on the properties of Ni–Cd ferrites included many aspects. 2.

Structural, dielectric and electrical properties of ...
Cesium lead iodide (CsPbI_3), in its black perovskite phase, has a suitable bandgap and high quantum efficiency for

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photovoltaic applications. However, CsPbI₃ tends to crystalize into a yellow non-perovskite phase, which has poor optoelectronic properties, at room temperature.

Therefore, controlling the phase transition in CsPbI₃ is critical for practical application of this material.

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Properties Of
Tantalum
Structural, Chemical,
Electrical, and
Thermal Properties ...
ZnO, which has high
electrochemical
stability, wide band
gap energy, large
excitonic binding
energy, intense near
band excitonic
emission and is non-
toxic, have potential
applications in all

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fields. This chapter reviews the structural, optical and electrical properties of undoped and doped ZnO thin films. The type of doping highly influences the structural properties such as grain size ...

Correlation between morphological, structural and ...

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Manganese-doped zinc oxide (Mn-doped ZnO) thin films were synthesized on soda lime glass substrates using the spray pyrolysis technique at substrates temperatures of 400, 450 and 500 °C. Compositional, optical, structural, morphological and electrical properties

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were studied with
Rutherford

Backscattering
Spectrometry (RBS),
Ultraviolet and Visible
Spectroscopy (UVS), X-
Ray Diffraction (XRD

...

Structural And
Electrical Properties
Of

3.5. Correlation

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between morphological, structural and electrical properties. The observations explained above demonstrate that the electrical conductivity of the powdered graphite is greater than those of exfoliated graphene materials.

Structural and

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electrical properties of
catalyst-free Si ...

Structural and
electrical transport
properties of pure and
doped FeVSb half-
Heusler phases were
investigated from X-
ray diffraction,
Mossbauer
spectroscopy,
resistivity and
thermopower
measurements.

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Properties Of
Tantalum
Structural and
electrical properties of
Cu substituted Ni ...

Structural and
electrical properties of
(Zr,Ti) 0.85 (Ca,Sr)
0.15 O 1.85 thin films
grown on Cu/Ti/SiO₂
/Si substrate using RF
magnetron sputtering
Mir Im, Tae Ho Lee,
Sang Hyo Kweon,
Chong Yun Kang,

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Properties Of

Sahn Nahm

Single Crystals of
Electrically
Conductive Two-
Dimensional ...

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(PbSe)_{1.16}TiSe₂ | The
synthesis and
characterization of a
new layered compound
with the composition

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Properties Of
(PbSe)_{1.16}TiSe₂ in
thin-film form is ...

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Structural, Optical
and Electrical
Properties of
PVA/PEO ...

In this work we have
analyzed the effects of
Ti doping on
structural and
electrical properties of
?-Fe₂O₃. When the
amount of added Ti (5

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Properties Of
Tant

wt.%TiO₂) was within
the solubility degree
and XRD, SEM and
EDS analysis revealed
a homogenous
hematite structure,
with

Structural and
electrical properties of
cobalt-doped 4H ...
Zn_{1-x}Li_xO films were
spin-coated on
platinum substrates by

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using sol-gel method.

The XRD pattern

demonstrated that the

Li doped ZnO films

exhibits the hexagonal

wurtzite structure.

And, the 18.5 peak was

found at dopant

content from 0.15 to

0.2, which could be

attributed to the (003)

plane of Li_2PtO_3 . The

effect of Li doping and

emission in relation to

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Properties Of
Tantalum

defects is investigated
using CL.

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