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conductors,

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solids class 12 |
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Synthesis and
electrical properties of
kinetically stabilized
(PbSe)_{1+x}(TiSe₂)_n
thin-film intergrowths

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are reported for $1 \leq n \leq 18$.

Tantalum

Structural and
Electrical Properties
of $(\text{PbSe})_{1.16}\text{TiSe}_2 \dots$
Structural and
electrical properties of
layered perovskite
type $\text{Pr}_2\text{Ti}_2\text{O}_7$:
experimental and
theoretical
investigations

Sadequa J. Patwe , a

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Vasundhara Katari , a

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Rao , b Mayanak K.

Gupta , b Ranjan

Mittal , b S.

Nagabhusan Achary *

a and Avesh K. Tyagi

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Structural and
electrical properties of
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Structural And

Structural, magnetic and electrical transport properties of non-conventionally prepared MAX

phases V_2AlC and $(V/Mn)_2AlC$ Christin

M. Hamm , ^a

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Luna , ^b Ruslan

Salikhov , ^c Detlef

Spoddig , ^c Michael

Farle , ^{cd} Ulf

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Wiedwald ce and
Christina S. Birkel* a

Structural, magnetic
and electrical
transport properties ...

Centimeter-size
single-crystalline
Nb₃I₈ crystal, a new
family of 2D materials,
is firstly realized by a
controlled solid-state
reaction of niobium
and iodine. Since

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Structural And

each layer of Nb₃I₈ is
linked by ...

Properties Of

Tantalum

Structural and
Electrical Properties
of Nb₃I₈ Layered ...

We examined the
structural,
morphological and
electrical properties of
the synthesized
material. Preparation
and experimental
techniques The anode

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Electrical Properties Of
Compositions are synthesized by a solid-state reaction method from stoichiometric amounts of Li_2CO_3 (Sigma Aldrich 99.9%), TiO_2 (Sigma Aldrich 99.9%) as $2 \text{Li}_2\text{CO}_3 + 5 \text{TiO}_2 \rightarrow \text{Li}_4\text{Ti}_5\text{O}_{12} + 2 \text{CO}_2$

Structural and electrical properties of $\text{Li}_4\text{Ti}_5\text{O}_{12}$ anode ...

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Structural And

Science 2016, 354, 92–95. Article Google Scholar. [19] Dastidar, S.; Egger, D. A.; Tan, L. Z.; Cromer, S. B.; Dillon, A. D.; Liu, S.; Kronik, L.; Rappe, A. M.; Fafarman, A. T. High chloride doping levels stabilize the perovskite phase of cesium lead iodide. Nano Lett. 2016, 16, 3563–3570.

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Structural And Electrical

Structural, optical,
and electrical
properties of phase ...

Bulk properties,
however, diverge from
that of individual
nanotubes due to
tube-tube interactions
and structural defects.
Moreover, impurities
from CNT synthesis
not only affect their
electrical properties

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but also remain
chemically accessible
in redox reactions for
applications such as
biosensing and
electrochemical
processes .
Purification ...

Purification, structural
evolutions, and
electrical ...
(1975). Structural and
electrical properties of

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Structural And

granular metal films.
Advances in Physics:
Vol. 24, No. 3, pp.
407-461.

Structural and
electrical properties of
granular metal ...

Structure and
electrical properties of
lead-free Bi_{0.5}Na
0.5TiO₃-based
ceramics for energy-
storage applications

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Structural And

Qi Xu , ab Hanxing
Liu , * a Lin Zhang , a
Juan Xie , a Hua Hao
, a Minghe Cao , a
Zhonghua Yao a and
Michael T. Lanagan *
b

Structure and
electrical properties of
lead-free $\text{Bi}_{0.5}\text{Na}_0 \dots$
Steel is a good
conductor of heat and
electricity. These

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Structural And

properties make it a good choice for making domestic cookware, as well as electrical wiring. 6- Lustre. One of the physical properties of steel is its attractive outer appearance. It is silvery in colour with a shiny, lustrous outer surface. 7- Rust Resistance

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Structural And

What Are The
Properties Of Steel? -
Engineering
Discoveries

Electrical impedance spectroscopy, in AC and DC current modes at various temperatures, was used to study the conduction properties of the CWO monoclinic structure. Because of the similar

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Electrical and microstructural characteristics of both CWO 600 °C and CWO 1000 °C, we only report results obtained from the latter sample.

Structural and electrical properties of cerium tungstate ...
The electrical resistivity decreases

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with increasing pressure and exhibits an order of magnitude drop at about 25 GPa. GeTe transforms from the rhombohedral to the NaCl-type structure at 3 GPa and, at 18 GPa, transforms into a possibly orthorhombic structure with a space group Pbcn, accompanied by a

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Structural And Electrical Properties Of Tantalum

remarkable rise in
electrical resistivity.

Structural and
electrical properties of
GeSe and GeTe at ...
The impedance plot is
used to expose the
ionic contribution or
additional defects in
the sample. The
contributions of bulk,
grain boundary and
electrode interfaces

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Electrical Properties Of
Tantalum
are determined with
technique to establish
the correlation
between micro-
structure and
electrical properties [,
,].

Structural, dielectric
and electrical
properties of BiFeO₃

...

The dependence of
the structural and

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Structural And
Electrical properties of
the films on the Sb
concentration,
annealing
temperature, and film
thickness was
investigated. A
polycrystalline rutile
structure was
confirmed for all
samples using X-ray
diffraction and atomic
force microscopy
measurements.

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Structural and
electrical properties of
Sb-doped SnO₂ thin

...

Single Crystals of
Electrically
Conductive Two-
Dimensional
Metal-Organic
Frameworks:
Structural and
Electrical Transport
Properties. Abstract.

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Structural And
Crystalline, electrically
conductive, and
intrinsically porous
materials are rare.
Layered two-
dimensional (2D)
metal-organic
frameworks ...
Synopsis. ...

Single Crystals of
Electrically
Conductive Two-
Dimensional ...

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The structural, electrical, and optical properties of these films have been investigated as a function of target composition, substrate deposition temperature, background gas pressure, and film thickness. Films were deposited from various target

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compositions ranging from 0 to 15 wt % of SnO₂ content.

Electrical, optical, and structural properties of indium ...

Cu(In, Ga)Se₂ thin films were deposited on Mo/soda-lime glass substrates by the one-stage co-evaporation process at the substrate

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Electrical Properties Of
Temperatures (T sub)
from 350 °C to 550 °
C. The structural and
electrical properties of
CIGS films have been
studied

(PDF) Effect of
substrate temperature
on the structural ...
The structural, optical
and electrical
properties of the
AgNPI have been

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Compared with those fabricated using a more conventional method of NIL in PMMA followed by thermal evaporation of an Ag film. Bright-field microscopy showed good grating transfer using all methods of fabrication.

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Structural And Electrical

Properties of Silver ...

TaN thin film is an attractive interlayer as well as a diffusion

barrier layer in

[FeN/TaN]_n

multilayers for the application as

potential write-head materials in high-

density magnetic recording. We

synthesized two

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Structural And
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Tantalum
series of TaN films on
glass and Si
substrates by using
reactive radio-
frequency sputtering
under 5-mtorr Ar/N₂
processing pressure
with varied N₂ partial
pressure, and carried
out ...

Structural and
electrical properties of
tantalum nitride ...

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Structural And

The effect of Al³⁺ ions on structural, Curie temperature, DC electrical resistivity and dielectric properties are presented in this paper. From the analysis of powder X-ray diffraction patterns, the nanocrystallite size was calculated by the most intense peak (3

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1) using Scherrer formula.

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