Abdelhakim Nafidi

List of Publications by Year
in descending order

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49	216	1307366 7	1199470 12
papers	citations	h-index	g-index

50	50	50	174
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Variable range hopping conductivity and negative magnetoresistance in n-type InP semiconductor. Solid-State Electronics, 2009, 53, 469-472.	0.8	21
2	Positive and negative magnetoresistance on both sides of the metalÂinsulator transition in metallic n-type InP. Semiconductor Science and Technology, 2003, 18, 69-74.	1.0	18
3	Positive magnetoresistance in the variable range hopping regime in CdSe. Physica E: Low-Dimensional Systems and Nanostructures, 2006, 32, 419-421.	1.3	18
4	Synthesis of In₂S₃thin films by spray pyrolysis from precursors with different [S]/[In] ratios. Journal of Semiconductors, 2014, 35, 063002.	2.0	17
5	Enhancement of orthorhombicity and superconductivity in argon preheated EuSrBaCu3O6+z. Physica C: Superconductivity and Its Applications, 1994, 225, 105-110.	0.6	14
6	Electronic Properties of GaAs/AlAs Nanostructure Superlattice for Near Infrared Devices at Low Temperatures. Journal of Low Temperature Physics, 2016, 182, 185-191.	0.6	10
7	Positive magnetoresistance behaviour in the insulating side of the metalâ€“insulator transition in CdSe. Physica B: Condensed Matter, 2006, 373, 96-99.	1.3	9
8	Remarkable Influence of Heat Treatment on the Structural and Superconducting Properties of ${m LnSrBaCu}_{3}{m O}_{6+{m z}}$. IEEE Transactions on Applied Superconductivity, 2007, 17, 2969-2972.	1.1	7
9	Electro-optic and dynamic studies of biphenyl benzoate ferroelectric liquid crystals. Physica B: Condensed Matter, 2010, 405, 2151-2156.	1.3	7
10	Application of the transition semiconductor to semimetal in type II nanostructure superlattice for mid-infrared optoelectronic devices. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	7
11	Nanostructured L1 0 -CoPt dot arrays with perpendicular magnetic anisotropy. Materials Letters, 2017, 193, 108-111.	1.3	7
12	Theoretical Investigation of Spontaneous Polarization and Dielectric Constant of BaTiO₃/SrTiO₃Superlattices. Ferroelectrics, 2009, 386, 41-49.	0.3	6
13	Enhancement of Tc and the irreversibility line in argon pretreated LnSrBaCu3O6+z (Ln=Nd,Eu,Sm). Physica C: Superconductivity and Its Applications, 1994, 235-240, 881-882.	0.6	5
14	Some Transport Properties of HgTe/CdTe Superlattices. Physica Status Solidi (B): Basic Research, 2002, 229, 573-576.	0.7	5
15	Analysis of the behaviour of magnitudem with magnetic field in corrective termâ€œmT1/2â€of the metallic electrical conductivity in n-type InP. Physica Status Solidi (B): Basic Research, 2004, 241, 155-162.	0.7	5
16	Crossover phenomenon for variable range hopping conduction and positive magnetoresistance in insulating N-Type InP. Annales De Chimie: Science Des Materiaux, 2008, 33, 357-364.	0.2	5
17	Enhancement of orthorhombicity, Tc, shielding and irreversibility line in argon preheated Sm(SrBa)Cu3O6+z. Physica C: Superconductivity and Its Applications, 2002, 383, 183-190.	0.6	4
18	Dielectric Spectroscopy of the Goldstone-Mode Relaxation in the Surface-Stabilized Chiral Smectic C Phase in Ferroelectric Liquid Crystals. Ferroelectrics, 2008, 371, 104-109.	0.3	4

#	Article	IF	Citations
19	Electronic transport and band structures of GaAs/AlAs nanostructures superlattices for near-infrared detection. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	1.1	4
20	Investigations in electronic quantum transport of quasi two dimensional InxGa1-xAs/InP nanostructure superlattice for infrared detection. Superlattices and Microstructures, 2019, 127, 54-60.	1.4	4
21	Correlation between electronic bands structure and magneto-transport properties of nanostructure type II superlattice for terahertz detection. Superlattices and Microstructures, 2019, 127, 151-156.	1.4	4
22	Electroclinic effect in the chiral smectic A and cholesteric phases at the proximity of a N*â€“SmAâ€“SmC* multicritical point. Liquid Crystals, 2010, 37, 1313-1319.	0.9	3
23	Correlation Between Band Structure and Magneto- Transport Properties in HgTe/CdTe Two-Dimensional Far-Infrared Detector Superlattice. Journal of Low Temperature Physics, 2013, 171, 808-817.	0.6	3
24	MAGNETIZATION MEASUREMENTS IN THE 80 K TRANSFORMATION FOR DEUTERATED ORGANIC SUPERCONDUCTOR Î²-(BEDT-TTF)₂Cu[N(CN)₂]<font>Br</ Modern Physics Letters B, 2013, 27, 1350037.	1.0	3
25	Electronic band structure and Shubnikovâ€“de Haas effect in two-dimensional semimetallic InAs/GaSb nanostructure superlattice. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	3
26	Negative magnetoresistance in metallic n-type InP. Physica B: Condensed Matter, 2001, 304, 377-381.	1.3	2
27	Remarkable influence of heat treatment on the structural and superconducting properties of (Y1-xSmx)(SrBa)Cu3O6+z. Physica Status Solidi (B): Basic Research, 2005, 242, 916-923.	0.7	2
28	Enhancement of ${m T}_{m c}$, Shielding and Irreversibility Line in Argon Preheated ${m Ln}({m) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3032-3035.	1.1	2
29	Correlation Between Enhanced ${m T}_{m c}$, Orthorhombicity and the Volume of the Unit Cell in Argon Preheated ${{m Y}_{1-{m x}}{m Sm}_{m x}){m SrBaCu}_{3}{m O}_{6+{m z}}$. IEEE Transactions on Applied Superconductivity, 2009, 19, 2984-2987.	1.1	2
30	Application of the transition semiconductor semimetal in modulated nanostructures for communication as infrared optoelectronic device. Physica B: Condensed Matter, 2010, 405, 936-940.	1.3	2
31	Manifestation of the Transition Semiconductor-Semimetal and Intrinsic Interface State in Band Structure and Magneto-Transport Properties in Nanostructure Superlattice. Journal of Superconductivity and Novel Magnetism, 2012, 25, 2611-2617.	0.8	2
32	Electrical properties and Pockels effect in BaTiO $$_{3}$$ 3 /SrTiO $$_{3}$$ 3 superlattices. Optical and Quantum Electronics, 2014, 46, 179-192.	1.5	2
33	Dielectric Spectroscopy of the Electroclinic Effect in the Ferroelectric Liquid Crystal Materials. Spectroscopy Letters, 2014, 47, 341-347.	0.5	2
34	Investigation in band structures of GaAs/Al x Ga1â^'x As nanostructures superlattices at high magnetic field and low temperatures. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	1.1	2
35	Electrical and optical properties of PbTiO<inf>3</inf> single crystals at room temperature. , 2011, , .		1
36	Correlation Between Enhanced ${m T}_{m c}$, AC Magnetic Irreversibility Line and Heat Treatment in High ${m T}_{m c}$ Superconductors. IEEE Transactions on Applied Superconductivity, 2011, 21, 2727-2731.	1.1	1

#	Article	IF	Citations
37	Theoretical electronic band structures and transport in InAs/GaSb type II nanostructure superlattice for medium infrared detection. Materials Today: Proceedings, 2020, 22, 41-44.	0.9	1
38	Correlation Between Bands Structure and Quantum Magneto Transport Properties in InAs/GaxIn1â^'xSb Type II Superlattice for Infrared Detection. Frontiers in Physics, 2020, 8, .	1.0	1
39	Critical Current Density and Vortex Pinning Strength in the Îº-(BEDT-TTF)2Cu[N(CN)2]Br Organic Superconductor. Journal of Physical Science, 2018, 29, 13-22.	0.5	1
40	Remarkable influence of heat treatment on the structural and superconducting properties of (Y1â€“xPrx)(BaSr)Cu3O6+z. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 3069-3072.	0.8	0
41	Correlation Between Enhanced Tcand Unit Cell Volume in High-Tc Superconductor (Y1 â^') Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.3	0
42	Surface and Interface Effects on the Dielectric Polarization and Refractive Indices of BaTiO3 Ultrathin Films. Ferroelectrics, 2008, 371, 10-16.	0.3	0
43	Correlation Between Enhanced ${m T}_{m c}$, the Unit Cell Volume and AC Magnetic Shielding in Argon Preheated ${{m Y}_{1-{m x}}{m Eu}_{m x}}({m SrBa}){m Cu}_{3}{m O}_{6+{m z}}$. IEEE Transactions on Applied Superconductivity, 2011, 21, 2732-2736.	1.1	0
44	Isovalent Substitution and Heat Treatments Control of T c, Chain Oxygen Disorder and Structural Phase Transition in High T c Superconductors (Y1â^'x Nd x)SrBaCu3O6+z. Journal of Low Temperature Physics, 2013, 171, 818-827.	0.6	0
45	Effects of Isovalent Substitutions and Heat Treatments on Tc, Orthorhombicity, Resistivity, AC Magnetic Shielding and Irreversibility Line in High-Tc Superconductors. , 0, , .		0
46	Manifestation of electronic transport transitions in nanostructure HgTe/CdTe type III superlattice for terahertz detection. , 2019, , .		0
47	Effects of isovalent substitutions and heat treatment on structural and superconducting properties of high-critical temperature superconductors. Materials Today: Proceedings, 2020, 22, 140-145.	0.9	0
48	Negative magnetoresistance in insulating CdSe and localized magnetic moments. Annales De Chimie: Science Des Materiaux, 2008, 33, 351-356.	0.2	0
49	ENoise spectral density of single crystal YBaCuO films near to temperature of transition. Annales De Chimie: Science Des Materiaux, 2010, 35, 249-253.	0.2	0