

Nazim Mamedov

List of Publications by Year in descending order

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65
papers

1,275
citations

687363

13
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377865

34
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67
all docs

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docs citations

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times ranked

1411
citing authors

#	ARTICLE	IF	CITATIONS
19	Anisotropic optical constants and inter-band optical transitions in layered semiconductor TlGaSe ₂ . Applied Surface Science, 2017, 421, 788-793.	6.1	5
20	Temperature dependence of low-frequency polarized Raman scattering spectra in TlInS ₂ . Physica Status Solidi C: Current Topics in Solid State Physics, 2017, 14, 1600214.	0.8	4
21	Weak antilocalization in thin films of the Bi ₂ Te _{2.7} Se _{0.3} solid solution. Physics of the Solid State, 2016, 58, 1870-1875.	0.6	1
22	Spectroscopic ellipsometry studies of as-prepared and annealed CdS:O thin films. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 592-595.	0.8	1
23	Structural studies on TlInSe thermoelectric material by X-ray fluorescence holography, XAFS, and X-ray diffraction. Physica Status Solidi (B): Basic Research, 2015, 252, 1225-1229.	1.5	9
24	Structure and optical properties of CdS:O films by cathode sputtering. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 781-784.	0.8	1
25	Depolarization effect in rare-earth doped Y ₂ O ₃ films in blue and UV spectral range. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 600-604.	0.8	0
26	<i>Ab initio</i> calculations of phonon dispersion and lattice dynamics in TlGaTe ₂ . Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 664-667.	0.8	3
27	IR ellipsometry of silk fibroin films on Al nanoislands. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 628-630.	0.8	5
28	Temperature dependence of low-frequency optical phonons in TlInS ₂ . Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 826-829.	0.8	5
29	Excitonic emission of TlGaSe ₂ . Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 830-833.	0.8	1
30	Band gap exciton in ferroelectric TlInS ₂ : Dimensionality and screening. Physica Status Solidi (B): Basic Research, 2015, 252, 1248-1253.	1.5	4
31	Band structure and vacancy formation in $\hat{\Gamma}$ -Ag ₂ S: <i>Ab initio</i> study. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 672-675.	0.8	17
32	Temperature behavior of dielectric function spectra and optical transitions in TlGaS ₂ . Physica Status Solidi (B): Basic Research, 2015, 252, 1254-1257.	1.5	6
33	<i>Ab-initio</i> study of ferromagnetism in Mn-doped ZnSnAs ₂ . Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 668-671.	0.8	10
34	Observation of Two Peculiar Types of Electronic Dispersive Structures in Thallium Selenide Studied by Angle-Resolved Photoemission Spectroscopy. Journal of the Physical Society of Japan, 2014, 83, 053707.	1.6	0
35	Optical phonons in CdGa ₂ S ₄ x Se ₄ (1 - x) alloys. Semiconductors, 2013, 47, 761-766.	0.5	3
36	Electronic structures of ternary layered semiconductor TlGaSe ₂ investigated by photoemission spectroscopy. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 1001-1004.	0.8	0

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37	Phase transition and Raman-active modes in TlInS_2 . Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 1132-1135.	0.8	11
38	Optical second harmonic generation in TlMeX_2 (Me=In,Ga,X=S,Se,Te). Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 1136-1138.	0.8	2
39	Optical characterization of non-annealed CdS:O films for window layers in solar cells. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 1107-1110.	0.8	3
40	Structure and optical properties of CdS:O thin films. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 1098-1101.	0.8	4
41	Hard X-ray photoemission study of the covalent chain antiferromagnets TlFeS_2 and TlFeSe_2 . Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 989-992.	0.8	4
42	Raman scattering and electric conductivity in $\text{Bi}_2(\text{Te}_{0.9}\text{Se}_{0.1})_3$ thin films. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 997-1000.	0.8	1
43	Photoluminescence spectra of TlInSe_2 . Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 2352-2354.	0.8	1
44	Raman scattering in the $\text{Bi}_2(\text{Te}_{0.9}\text{Se}_{0.1})_3$ solid solution films. Semiconductors, 2012, 46, 1140-1144.	0.5	5
45	Three Dimensional Atomic Image of TlInSe_2 by X-ray Fluorescence Holography. E-Journal of Surface Science and Nanotechnology, 2011, 9, 273-276.	0.4	6
46	Temperature-dependent hard X-ray photoemission spectra of ternary Tl compounds with high Seebeck coefficient. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 993-996.	0.8	9
47	Debye temperatures and Grueneisen parameters of chain TlSe and TlInSe_2 . Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 997-1000.	0.8	3
48	Optical properties of CuAlS_2 with small indium content. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 1089-1092.	0.8	5
49	Temperature-dependent and pump-probe ellipsometric studies of TlInSe_2 . Thin Solid Films, 2008, 517, 1434-1438.	1.8	16
50	Linearized Augmented Plane Wave Band Structure Calculations and Dielectric Function of Layered TlGaSe_2 . Japanese Journal of Applied Physics, 2008, 47, 8182.	1.5	9
51	Refractive indices of layered semiconductor ferroelectrics TlInS_2 , TlGaS_2 , and TlGaSe_2 from ellipsometric measurements limited to only layer-plane surfaces. Journal of Applied Physics, 2007, 102, .	2.5	38
52	Multi data mode method as an alternative way for SPM studies of high relief surfaces. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 2853-2857.	0.8	0
53	Dielectric properties, conduction mechanism, and possibility of nanodomain state with quantum dot formation in impurity-doped gamma-irradiated incommensurate TlInS_2 . Physica Status Solidi (A) Applications and Materials Science, 2006, 203, 2845-2851.	1.8	11
54	Polarized Transmission Intensity Studies of Off-Zone-Center Incommensurate Semiconductors-Ferroelectrics TlMeX_2 . Japanese Journal of Applied Physics, 2002, 41, 7254-7259.	1.5	27

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55	Effect of High Pressure on the Electrical Conductivity of TlInX_2 (X = Se, Te) Layered Semiconductors. <i>Physica Status Solidi (B): Basic Research</i> , 1993, 178, 403-408.	1.5	22
56	Pressure Induced Semiconductorâ€Metal Transition in Tlâ€Se Layered Semiconductor. <i>Physica Status Solidi (B): Basic Research</i> , 1991, 167, K97.	1.5	10
57	Tlâ€Me Bond and Semiconductorâ€Metal Transition in TlMeX_2 Lowâ€Dimensional Crystals. <i>Physica Status Solidi (B): Basic Research</i> , 1990, 159, K83.	1.5	3
58	Twoâ€Phonon Absorption Spectra and Phase Transition in TlGaSe_2 . <i>Physica Status Solidi (B): Basic Research</i> , 1988, 145, K103.	1.5	7
59	Twoâ€Phonon Absorption in TlInTe_2 and TlGaTe_2 . <i>Physica Status Solidi (B): Basic Research</i> , 1988, 148, K89.	1.5	3
60	Band structure of TlGaSe_2 ternary layered crystals. <i>Physica Status Solidi (B): Basic Research</i> , 1986, 133, 171-177.	1.5	19
61	Photoluminescence of ternary layered crystals TlGaS_2 . <i>Physica Status Solidi A</i> , 1984, 82, K75-K77.	1.7	5
62	Band structure of TlGaSe_2 . <i>Physica Status Solidi (B): Basic Research</i> , 1983, 119, 41-48.	1.5	25
63	Excitons in TlGaSe_2 . <i>Physica Status Solidi (B): Basic Research</i> , 1981, 103, K61.	1.5	11
64	Nearâ€Bandâ€Edge Optical Properties of TlGaS_2 \times $\text{Se}_2(1\hat{x})$ Mixed Crystals. <i>Physica Status Solidi (B): Basic Research</i> , 1980, 102, K19.	1.5	21
65	The nature of energy bands of AIIIbVI layered crystals near the absorption edge. <i>Physica Status Solidi A</i> , 1979, 53, 137-142.	1.7	15