

Kleber D Machado

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5574935/publications.pdf>

Version: 2024-02-01

62
papers

842
citations

430874

18
h-index

552781

26
g-index

62
all docs

62
docs citations

62
times ranked

825
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural studies of cobalt selenides prepared by mechanical alloying. <i>Physica B: Condensed Matter</i> , 2002, 324, 409-418.	2.7	70
2	Structural studies of iron selenides prepared by mechanical alloying. <i>Solid State Communications</i> , 2002, 123, 179-184.	1.9	54
3	Structural study of Cu_{2-x}Se alloys produced by mechanical alloying. <i>Acta Crystallographica Section B: Structural Science</i> , 2004, 60, 282-286.	1.8	51
4	Hexagonal CoSe formation in mechanical alloyed $\text{Co}_{75}\text{Se}_{25}$ mixture. <i>Solid State Communications</i> , 2004, 131, 265-270.	1.9	38
5	XRD, DSC, MS and RS studies of $\text{Fe}_{75}\text{Se}_{25}$ iron selenide prepared by mechano-synthesis. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 270, 89-98.	2.3	31
6	EXAFS, x-ray diffraction, and reverse Monte Carlo simulations of an amorphous $\text{Ni}_{60}\text{Ti}_{40}$ alloy produced by mechanical alloying. <i>Physical Review B</i> , 2002, 66, .	3.2	30
7	Structural study of an amorphous NiZr_2 alloy by anomalous wide-angle x-ray scattering and reverse Monte Carlo simulations. <i>Physical Review B</i> , 2003, 67, .	3.2	30
8	Nucleation and growth of nanocrystalline pyrite nickel diselenide by mechanical alloying. <i>Solid State Communications</i> , 2003, 128, 229-234.	1.9	27
9	Strong evidences of tempered martensite-to-nitrogen-expanded austenite transformation in CA-6NM steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2012, 552, 569-572.	5.6	27
10	Nature of the Collapse Transition for Polymers. <i>Physical Review Letters</i> , 1996, 76, 2734-2737.	7.8	26
11	GaSe formation by mechanical alloying $\text{Ga}_{50}\text{Se}_{50}$ mixture. <i>Solid State Communications</i> , 2003, 126, 611-615.	1.9	25
12	Reverse Monte Carlo simulations and Raman scattering of an amorphous GeSe_4 alloy produced by mechanical alloying. <i>Solid State Communications</i> , 2005, 133, 411-416.	1.9	25
13	Aging of a nanostructured $\text{Zn}_{50}\text{Se}_{50}$ alloy produced by mechanical alloying. <i>Solid State Communications</i> , 2003, 127, 477-481.	1.9	24
14	Structural, thermal and optical studies of Ni_3Se_2 compound produced by mechanical alloying. <i>Solid State Ionics</i> , 2004, 168, 205-210.	2.7	20
15	X-ray and neutron diffraction studies and reverse Monte Carlo simulations of an amorphous $\text{Ni}_{60}\text{Ti}_{40}$ alloy produced by mechanical alloying. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 1703-1710.	1.8	19
16	Structural and vibrational investigations on $\text{Ge}_{34}\text{Sb}_{66}$ solid solutions produced by mechanical alloying. <i>Journal of Alloys and Compounds</i> , 2013, 575, 80-85.	5.5	19
17	Extended x-ray absorption fine structure, x-ray diffraction and reverse Monte Carlo studies of an amorphous $\text{Ga}_{50}\text{Se}_{50}$ alloy produced by mechanical alloying. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 581-590.	1.8	18
18	Mössbauer and magnetization studies of $\text{Fe}_{25}\text{Se}_{75}$ iron selenides produced by mechanical alloying. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 269, 6-14.	2.3	18

#	ARTICLE	IF	CITATIONS
37	Electronic and optical properties of amorphous GaSe thin films. Journal of Materials Science: Materials in Electronics, 2016, 27, 7379-7383.	2.2	8
38	Modeling the atomic structure of an amorphous Co ₂₅ Nb ₇₅ alloy produced by mechanical alloying using an additive hard sphere model and RMC simulations. Chemical Physics Letters, 2004, 384, 386-390.	2.6	7
39	Influence of the temperature on the structure of an amorphous Ni ₄₆ Ti ₅₄ alloy produced by mechanical alloying. European Physical Journal B, 2008, 64, 201-209.	1.5	7
40	Structural, vibrational and optical studies on an amorphous Se ₉₀ P ₁₀ alloy produced by mechanical alloying. Journal of Physics Condensed Matter, 2012, 24, 115802.	1.8	7
41	GaxSe _{10-x} based solar cells: Some alternatives for the improvement in their performance parameters. Solar Energy Materials and Solar Cells, 2019, 193, 141-148.	6.2	7
42	EXAFS, X-ray diffraction and Mössbauer studies of an amorphous Fe ₆₀ Ti ₄₀ alloy produced by mechanical alloying. Journal of Non-Crystalline Solids, 2003, 318, 121-130.	3.1	6
43	Comparison among the local atomic order of amorphous TM-Ti alloys (TM = Co, Ni, Cu) produced by mechanical alloying studied by EXAFS. European Physical Journal B, 2004, 37, 421-424.	1.5	6
44	SeP hole injection layer for devices based on organic materials. Journal Physics D: Applied Physics, 2014, 47, 015304.	2.8	5
45	Structural, optical and thermal characterization of nanostructured CdSe obtained by mechanical alloying. Journal of Molecular Structure, 2014, 1074, 511-515.	3.6	5
46	Influence of pressure on the morphology and structure of surfaces sintered in pulsed DC annular hollow cathode discharge. Surface and Coatings Technology, 2018, 344, 402-409.	4.8	5
47	Modeling the atomic structure of an amorphous Ni ₄₆ Ti ₅₄ alloy produced by mechanical alloying using RMC simulations. Chemical Physics Letters, 2006, 430, 108-112.	2.6	4
48	Structural investigations on an amorphous Se ₉₀ Te ₁₀ alloy produced by mechanical alloying using EXAFS, cumulant expansion and RMC simulations. Journal of Physics Condensed Matter, 2012, 24, 125401.	1.8	4
49	Vibrational and structural properties of an amorphous InSe ₉ alloy produced by mechanical alloying. European Physical Journal B, 2013, 86, 1.	1.5	4
50	Structural study of Co _x Ge _{100-x} alloys produced by mechanical alloying. Solid State Communications, 2005, 136, 466-469.	1.9	3
51	Modeling the atomic structure of an amorphous Co ₅₇ Ti ₄₃ alloy produced by mechanical alloying using RMC simulations. Solid State Communications, 2008, 148, 46-49.	1.9	3
52	Thermal and optical studies of an amorphous InSe ₉ alloy produced by mechanical alloying. Solid State Communications, 2012, 152, 1604-1608.	1.9	3
53	Structural and thermal investigations of an amorphous GaSe ₉ alloy using EXAFS, cumulant expansion, and reverse Monte Carlo simulations. Journal of Chemical Physics, 2015, 142, 054504.	3.0	3
54	Influence of an interfacial cesium oxide thin layer in the performance and internal dynamic processes of GaSe ₉ solar cells. Solar Energy Materials and Solar Cells, 2017, 171, 1-7.	6.2	3

#	ARTICLE	IF	CITATIONS
55	Study of polymers with crossing bonds on the square lattice. Journal of Physics A, 1997, 30, 1445-1455.	1.6	2
56	Enhancement of P3HT organic photodiodes by the addition of a GaSe ₉ alloy thin layer. Semiconductor Science and Technology, 2017, 32, 085008.	2.0	2
57	Morphological, optical and electrical properties of GaSe ₉ films and its application in photovoltaic devices. Journal of Materials Science: Materials in Electronics, 2017, 28, 2241-2249.	2.2	2
58	Optical phonons in mechanical alloyed Zn ₅₀ Se ₅₀ mixture. Vibrational Spectroscopy, 2004, 36, 117-121.	2.2	1
59	Determination of thermal diffusivity and optical gap of an amorphous P ₂₀ Se ₈₀ alloy through photoacoustic measurements. Journal of Non-Crystalline Solids, 2015, 426, 43-46.	3.1	1
60	EXAFS investigations on amorphous GaSe ₉ thin films. Journal of Non-Crystalline Solids, 2016, 447, 233-237.	3.1	1
61	Study of amorphous Co ₅₆ Nb ₂₂ Sn ₂₂ alloy prepared by mechanical alloying. Journal of Non-Crystalline Solids, 2004, 347, 262-267.	3.1	0
62	Coexistence of interface states and confined electronic levels contribution for the light emission of Si nanocrystals embedded in SiO ₂ . Journal of Luminescence, 2019, 209, 291-294.	3.1	0