

Ante Bilusic

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6802258/publications.pdf>

Version: 2024-02-01

43
papers

696
citations

567281

15
h-index

552781

26
g-index

43
all docs

43
docs citations

43
times ranked

645
citing authors

#	ARTICLE	IF	CITATIONS
1	Reciprocal skin effect and its realization in a topoelectrical circuit. Physical Review Research, 2020, 2, .	3.6	230
2	Intrinsic electrical, magnetic, and thermal properties of single-crystalline $Al_{64}Cu_{23}Fe_{13}$ icosahedral quasicrystal: Experiment and modeling. Physical Review B, 2007, 76, .	3.2	40
3	Phonon scattering in quasicrystalline $i-Al_{72}Pd_{19.5}Mn_{8.5}$: A study of the low-temperature thermal conductivity. Journal of Alloys and Compounds, 2007, 432, 1-6.	5.5	38
4	Figure of merit of quasicrystals: the case of $Al-Cu-Fe$. Vacuum, 2001, 61, 345-348.	3.5	31
5	Thermal and thermoelectric properties of icosahedral $Al_{62}Cu_{25.5}Fe_{12.5}$ quasicrystal. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2000, 294-296, 711-714.	5.6	28
6	Magnetic and transport properties of the giant-unit-cell $Al_{3.26}Mg_2$ complex metallic alloy. Intermetallics, 2007, 15, 1367-1376.	3.9	28
7	Origin of anisotropic nonmetallic transport in the $Al_{80}Cr_{15}Fe_5$ decagonal approximant. Physical Review B, 2007, 76, .	3.2	28
8	Quantum-critical region of the disorder-driven superconductor-insulator transition. Physica C: Superconductivity and Its Applications, 2008, 468, 316-321.	1.2	27
9	Ground-state order and spin-lattice coupling in tetrahedral spin systems $Cu_2Te_2O_5X_2$ ($X=Br$ or Cl). Physical Review B, 2004, 69, .	3.2	24
10	Magnetic, electrical, thermal transport, and thermoelectric properties of the $Al_{1/4}Pd_{2/3}$ complex metallic alloy phases in the $Al-Pd-Mn$ system. Physical Review B, 2005, 72, .	3.2	23
11	Electrical, magnetic, thermal and thermoelectric properties of the Bergman phase $Mg_{32}(Al,Zn)_{49}$ complex metallic alloy. Journal of Alloys and Compounds, 2007, 430, 29-38.	5.5	21
12	Magnetic, electrical and thermal transport properties of $Al-Cr-Fe$ approximant phases. Journal of Alloys and Compounds, 2006, 407, 65-73.	5.5	19
13	High-pressure study of transport properties in $Co_{0.33}NbS$. Physical Review B, 2011, 84, .	3.2	17
14	Acoustic and thermal transport properties of hard carbon formed from C_{60} fullerene. Physical Review B, 2002, 66, .	3.2	15
15	Transport properties of icosahedral quasicrystal $Al_{72}Pd_{19.5}Mn_{8.5}$. Journal of Alloys and Compounds, 2002, 342, 413-415.	5.5	15
16	Origin of the maximum in the temperature-dependent electrical resistivity of quasicrystals. Journal of Physics Condensed Matter, 2002, 14, 6975-6988.	1.8	14
17	Complex δ -phases in the $Al-Pd$ -transition metal systems: Towards a combination of an electrical conductor with a thermal insulator. Journal of Alloys and Compounds, 2008, 450, 92-102.	5.5	11
18	Structural (XRD and HRTEM) investigations of fullerite C_{60} and C_{70} samples. Materials Science and Engineering C, 2002, 19, 21-25.	7.3	9

#	ARTICLE	IF	CITATIONS
37	Prototyping of a High Frequency Phased Array Ultrasound Transducer on a Piezoelectric Thick Film. Informacije MIDEM, 0, , 3-10.	0.2	1
38	Thermal conductivity minimum of Nb ₄ Te ₁₇ I ₄ . Physica B: Condensed Matter, 1999, 263-264, 752-755.	2.7	0
39	Transport properties of the quasi-one-dimensional crystal nb ₄ te ₁₇ i ₄ . Synthetic Metals, 1999, 103, 2646-2647.	3.9	0
40	Anisotropy of the transport properties of (TaSe ₄) ₂ I. Synthetic Metals, 2001, 120, 883-884.	3.9	0
41	Searching for magnetic frustration-like properties in tetrahedral spin systems Cu ₂ Te ₂ O ₅ (Br _{1-x} Cl _x) ₂ . Physica B: Condensed Matter, 2006, 382, 209-212.	2.7	0
42	Thermal conductivity of Taylor phase T-Al ₇₃ Mn ₂₇ complex metallic alloy. Journal of Physics: Conference Series, 2010, 226, 012034.	0.4	0
43	Thermal transport properties of decagonal quasicrystals and their approximants. Materials Research Society Symposia Proceedings, 2013, 1517, 1.	0.1	0