

Tadeusz Gron

List of Publications by Year in descending order

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64
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64
times ranked

316
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#	ARTICLE	IF	CITATIONS
1	Influence of vacancies and mixed valence on the transport processes in solid solutions with the spinel structure. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1994, 70, 121-132.	0.6	44
2	Ferrimagnetism and metamagnetism in $Cd_{1-x}Cu_xCr_2S_4$ spinels. Journal of Magnetism and Magnetic Materials, 1997, 168, 129-138.	2.3	33
3	Dielectric and magnetic permittivities of three new ceramic tungstates $MPr_2W_2O_{10}$ (M = Cd, Co, Mn). Philosophical Magazine, 2012, 92, 4167-4181.	1.6	26
4	Molecular, spectroscopic, and magnetic properties of cobalt(II) complexes with heteroaromatic N(O)-donor ligands. Structural Chemistry, 2012, 23, 1219-1232.	2.0	23
5	Some optical and transport properties of a new subclass of ceramic tungstates and molybdates. Ceramics International, 2015, 41, 13080-13089.	4.8	23
6	New vacancied and Dy ³⁺ -doped molybdates – Their structure, thermal stability, electrical and magnetic properties. Ceramics International, 2016, 42, 18357-18367.	4.8	21
7	Correlation between the Band-Gap Energy and the Electrical Conductivity in $MPr_2W_2O_{10}$ Tungstates (Where M = Cd, Co, Mn). Acta Physica	0.5	21
8	Spin-glass-like behavior in single-crystalline $Cu_{0.44}In_{0.48}Cr_{1.95}Se_4$. Phys.	3.2	18
9	Combustion synthesis, structural, magnetic and dielectric properties of Gd ³⁺ -doped lead molybdate-tungstates. Journal of Advanced Ceramics, 2020, 9, 255-268.	17.4	15
10	I-V characteristics in Nb ₂ V ₅ BiO ₁₀ -ceramics. Materials Research Bulletin, 2013, 48, 2712-2714.	5.2	11
11	Dielectric permittivity of some novel copper/cobalt and rare-earth metal tungstates. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2014, 184, 14-17.	3.5	11
12	Preparation, thermal stability and magnetic properties of new $AgY_{1-x}Gd_x(WO_4)_2$ ceramic materials. Ceramics International, 2015, 41, 5734-5748.	4.8	11
13	Correlation between the negative magnetoresistance effect and magnon excitations in single-crystalline $CuCr_{1.6}V_0.4Se_4$. Philosophical Magazine, 2010, 90, 1525-1541.	1.6	10
14	Specific heat and magnetic properties of single-crystalline Zn Dy Cr Se ₄ spinels. Journal of Magnetism and Magnetic Materials, 2016, 407, 122-128.	2.3	9
15	Superparamagnetic-Like Behaviour in RE_2WO_6 Tungstates (Where RE = Nd, Sm, Eu, Gd, Dy, Ho and Er). Acta Physica Polonica A, 2011, 119, 708-710.	0.5	9
16	Dielectric and magnetic characteristics of $Ca_{1-x}Mn_xMoO_4$ (0 ≤ x ≤ 0.15) nanomaterials. Journal of Nanoparticle Research, 2019, 21, 8.	1.9	8
17	On the n-p phase transitions in $Mn_{1-x}Cu_xCr_2S_4$. Phase Transitions, 1985, 5, 233-238.	1.3	7
18	Positron annihilation studies in single and polycrystals of $Zn_{1-x}Cu_xCr_2Se_4$ spinel series. Radiation Effects and Defects in Solids, 1996, 139, 97-107.	1.2	7

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19	Semiconducting-metallic transition of singlecrystalline ferromagnetic Hf-doped CuCr ₂ Se ₄ spinels. <i>Physica B: Condensed Matter</i> , 2017, 520, 116-122.	2.7	7
20	Influence of Crystallite Size on the Magnetic Order in Semiconducting ZnCr ₂ Se ₄ Nanoparticles. <i>Materials</i> , 2019, 12, 3947.	2.9	7
21	Electrical and optical properties of new Pr ³⁺ -doped PbWO ₄ ceramics. <i>Materials Science-Poland</i> , 2018, 36, 530-536.	1.0	7
22	Effect of Gd ³⁺ Substitution on Thermoelectric Power Factor of Paramagnetic Co ²⁺ -Doped Calcium Molybdate-Tungstates. <i>Materials</i> , 2021, 14, 3692.	2.9	6
23	Electrical resistivity dip in Sb _x V _y MozO _t phases. <i>Philosophical Magazine Letters</i> , 2010, 90, 519-531.	1.2	5
24	Effect of Ni doping on magnetic and electrical properties of CuCr ₂ Se ₄ single crystals. <i>Journal of Alloys and Compounds</i> , 2014, 593, 158-162.	5.5	5
25	Electrical transport properties of M ₂ FeV ₃ O ₁₁ (M=Mg, Zn, Pb, Co, Ni) ceramics. <i>Ceramics International</i> , 2017, 43, 6758-6764.	4.8	5
26	Influence of Temperature on Critical Fields in Zn _x Sb _y Cr _z Se ₄ . <i>Acta Physica Polonica A</i> , 2009, 116, 964-966.	0.5	5
27	The electrical n-p phase transition in the Sb _{0.92} V _{0.92} O ₄ and Sb ₂ V ₂ O ₉ compounds. <i>Journal of Materials Science</i> , 2005, 40, 5299-5301.	3.7	4
28	Study of the Structure, Magnetic, Thermal and Electrical Characterisation of ZnCr ₂ Se ₄ : Ta Single Crystals Obtained by Chemical Vapour Transport. <i>Materials</i> , 2021, 14, 2749.	2.9	4
29	Electrical and Magnetic Studies of the Cd _x Cr _y V _z Se ₄ Spinels. <i>Acta Physica Polonica A</i> , 2009, 116, 969-970.	0.5	4
30	Mictomagnetic Order in Cd _{0.87} Cr _{1.93} V _{0.06} Se ₄ Semiconductor. <i>Acta Physica Polonica A</i> , 2011, 119, 714-716.	0.5	4
31	Electric Relaxation in Nb ₆ V ₃ O ₂₅ -Ceramics. <i>Acta Physica Polonica A</i> , 2016, 129, 355-358.	0.5	4
32	Electrical investigations of Ag ₆ S ₃ O ₄ and Ag ₈ S ₄ O ₄ compounds. <i>Journal of Materials Science Letters</i> , 2000, 19, 541-542.	0.5	3
33	The electrical conductivity of the strongly defective HgCr ₂ Se ₄ single crystals. <i>Radiation Effects and Defects in Solids</i> , 2002, 157, 1111-1116.	1.2	3
34	Magnetic Characteristics of CuCr ₂ S ₄ Nanospinels Obtained by Mechanical Alloying and Heat Treatment. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-5.	2.1	3
35	Electrical Properties of Sr ₂ InV ₃ O ₁₁ . <i>Acta Physica Polonica A</i> , 2016, 130, 1239-1241.	0.5	3
36	Recurrent behaviour of magnetisation and resistivity in Ge-substituted La _{0.7} Ca _{0.3} MnO ₃ . <i>Physica Status Solidi A</i> , 2003, 200, 407-414.	1.7	2

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37	Critical behavior of the 3D-Ising ferromagnets Cd[Cr _x Ti _y]Se ₄ . Journal of Physics and Chemistry of Solids, 2013, 74, 1419-1425.	4.0	2
38	Influence of Cr-Substitution on the Electrical Properties of Fe _{1-x} Cr _x V ₂ SbO ₆ . Acta Physica Polonica A, 2013, 124, 833-835.	0.5	2
39	Synthesis and Magnetic Properties of CuCr _{1.65} Se ₄ Nanoparticles. Acta Physica Polonica A, 2014, 126, 1137-1139.	0.5	2
40	Semiconducting properties of Cu ₂ In ₃ VO ₉ ceramic material. Ceramics International, 2017, 43, 2456-2459.	4.8	2
41	Electrical and Magnetic Characterization of ZnCr _{2-2x} V _x Se ₄ Spinel Semiconductors. Acta Physica Polonica A, 2009, 116, 962-963.	0.5	2
42	Influence of Substitution of the Chromium Ions by the Nonmagnetic Sb and Al Ions on the Magnetization Processes in CuCr ₂ X ₄ (X = S, Se) Spinel. Acta Physica Polonica A, 2009, 116, 967-968.	0.5	2
43	Influence of Ce substitution on the critical properties of 3D-Heisenberg Cd _x Ce _y Cr ₂ Se ₄ ferromagnets. Philosophical Magazine, 2012, 92, 2382-2396.	1.6	1
44	Dipole Relaxation in Semiconducting Zn _{2-2x} Mg _x In ₃ VO ₁₁ Materials (Where x = 0.0, 0.4, 1.0, 1.6, and 2.0). Materials, 2020, 13, 2425.	2.9	1
45	Effect of Cation Substitution on Critical Fields in the n-type Zn _x Sn _y Cr _z Se ₄ Spinel Semiconductors. Acta Physica Polonica A, 2009, 116, 971-974.	0.5	1
46	Critical Behaviour of the Mean-Field Ferromagnet Cu _{1.02} [Cr _{1.77} Ti _{0.24}]Se ₄ . Acta Physica Polonica A, 2012, 122, 1102-1104.	0.5	1
47	Semiconducting Properties of Cu ₅ SbO ₆ . Acta Physica Polonica A, 2012, 122, 1105-1107.	0.5	1
48	Electrical Transport Properties of Yb _{8-x} Y _x V ₂ O ₁₇ (x=0,2,8). Acta Physica Polonica A, 2017, 132, 363-366.	0.5	1
49	Effect of Magnesium Substitution on Dielectric Constant of Zn _{2-x} Mg _x In ₃ VO ₁₁ (x = 0.0, 0.4, 1.6) Solid Solutions. Acta Physica Polonica A, 2018, 134, 958-961.	0.5	1
50	Spin Crossover in Cu _x Co _y Cr _z Se ₄ Semiconductors. Acta Physica Polonica A, 2011, 119, 711-713.	0.5	1
51	High Spin-Low Spin Transitions in Cu _{0.2} Co _{0.76} Cr _{1.83} Se ₄ Semiconductor. Acta Physica Polonica A, 2012, 121, 687-689.	0.5	1
52	Structural Characterization and Magnetic Properties of CuCr ₂ Te ₄ Spinel Obtained by Mechanical Alloying and Heat Treatment. Acta Physica Polonica A, 2016, 130, 859-861.	0.5	1
53	Design of the pole pieces of an electromagnet according to the Garberâ€“Henryâ€“Hoeve model. Review of Scientific Instruments, 1985, 56, 771-772.	1.3	0
54	Influence of covalence on the critical temperature in the spinel superconductors. Phase Transitions, 1997, 60, 183-194.	1.3	0

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55	Influence of Covalence on the Metal-Insulator Temperature in the $\text{Cu}_2(\text{S}^{1+} \times \text{Se}^x)_4$ Spinel. Phase Transitions, 2002, 75, 639-647.	1.3	0
56	Paramagnetism of $\text{Cu}_3\text{RE}_2\text{W}_4\text{O}_{18}$ Semiconductors (RE = Gd, Dy-Er). Acta Physica Polonica A, 2013, 124, 885-887.	0.5	0
57	Electrical and Magnetic Studies of $\text{Zn}_x\text{MnyCrzSe}_4$ -Type Semiconductors. Acta Physica Polonica A, 2009, 116, 913-915.	0.5	0
58	Magnetic Coupling in CuCr_2X_4 (X = S, Se) Spinel Compounds Obtained via Substitution of the Chromium Ions by Nonmagnetic Sb or Al Ions. Acta Physica Polonica A, 2011, 119, 705-707.	0.5	0
59	Ferromagnetic Order in Single-Crystalline $(\text{Cd}_x\text{Al}_y)[\text{Cr}_2]\text{Se}_z$ Semiconductors. Acta Physica Polonica A, 2011, 119, 702-704.	0.5	0
60	Influence of Cu, Ga and Au Dopants and Technology Conditions on the Magnetic Interactions in HgCr_2Se_4 Single Crystals. Acta Physica Polonica A, 2011, 120, 970-972.	0.5	0
61	Specific Heat and Magnetic Properties of Single-Crystalline $(\text{Zn}_{0.925}\text{In}_{0.054})[\text{Cr}_{1.84}\text{In}_{0.152}]\text{Se}_4$ Semiconductor. Acta Physica Polonica A, 2012, 122, 1108-1110.	0.5	0
62	Influence of Cr-Substitution on the Electrical Properties of $\text{Fe}_{1-x}\text{Cr}_x\text{SnSbO}_6$. Acta Physica Polonica A, 2016, 129, A-153-A-156.	0.5	0
63	Effect of Tantalum Substitution on Dielectric Constant of $\text{ZnSb}_{2-x}\text{Ta}_x\text{O}_6$ Solid Solution ($x=0.0,0.1,0.25,0.75,1.6$). Acta Physica Polonica A, 2019, 136, 633-636.	0.5	0