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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Electric relaxation and Mn ³⁺ /Mn ⁴⁺ charge transfer in Fe-doped Bi ₂ MnO ₂₀ BiMn ₂ O ₅ structural self-composite. <i>Journal of Materials Science</i> , 2017, 52, 2222-2231.	3.7	27
2	Influence of magnetite nanoparticles surface dissolution, stabilization and functionalization by malonic acid on the catalytic activity, magnetic and electrical properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 607, 125446.	4.7	22
3	Thermodynamic approach for determining chemical composition of Fe-Co based amorphous alloys with high thermal stability and glass forming ability. <i>Journal of Alloys and Compounds</i> , 2018, 763, 141-152.	5.5	19
4	Influence of Magnetite Nanoparticles Shape and Spontaneous Surface Oxidation on the Electron Transport Mechanism. <i>Materials</i> , 2021, 14, 5241.	2.9	16
5	The Mössbauer spectra of prasiolite and amethyst crystals from Poland. <i>Physics and Chemistry of Minerals</i> , 2017, 44, 365-375.	0.8	12
6	Glass-Forming Ability and Corrosion Resistance of Al ₈₈ Y ₈ xFe _{4+x} (x = 0, 1, 2 at.%) Alloys. <i>Materials</i> , 2021, 14, 1581.	2.9	12
7	Mineralogical and Chemical Specificity of Dusts Originating from Iron and Non-Ferrous Metallurgy in the Light of Their Magnetic Susceptibility. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 216.	2.0	11
8	Analysis of thermodynamic parameters for designing quasicrystalline Al-Ni-Fe alloys with enhanced corrosion resistance. <i>Journal of Alloys and Compounds</i> , 2021, 868, 159241.	5.5	10
9	Local atomic structure of quaternary Fe-based metallic glass studied by X-ray diffraction, Mössbauer spectroscopy and Reverse Monte Carlo modeling. <i>Journal of Non-Crystalline Solids</i> , 2016, 435, 76-81.	3.1	8
10	The effect of gamma irradiation on the structural properties of olivine. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 317, 261-268.	1.5	8
11	Influence of copper addition and heat treatment parameters on nanocrystallization process of Fe-Co-Mo-B-Si amorphous ribbons with high saturation magnetization about 1.6 T. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 496, 165951.	2.3	8
12	Structure and Magnetic Properties of Thermodynamically Predicted Rapidly Quenched Fe _{85-x} Cu _x B ₁₅ Alloys. <i>Materials</i> , 2021, 14, 7807.	2.9	8
13	Luminescence and other spectroscopic properties of purple and green Cr-clinochlore. <i>Physics and Chemistry of Minerals</i> , 2014, 41, 115-126.	0.8	7
14	Local properties and phase transitions in Sn doped antiferroelectric PbHfO ₃ single crystal. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 435402.	1.8	7
15	The effect of cooling rate on the structure and selected properties of AlCoCrFeNiSix (x=0; 0.25; 0.5); Tj ETQq1 10,784314,rgBT /O	5.5	7
16	(Ar-CO-Ci,C)(PEt ₃)Au and (Ar-Ci,C)(PEt ₃)Au complexes bearing pyrenyl and ferrocenyl groups: synthesis, structure, and luminescence properties. <i>Dalton Transactions</i> , 2018, 47, 6702-6712.	3.3	5
17	The afterglow effect of Mn-bearing natural LiAlSi ₂ O ₆ spodumene crystals. <i>Optical Materials</i> , 2019, 96, 109321.	3.6	5
18	Mössbauer Study of Changes in Olivine After Heating in Air. <i>Canadian Mineralogist</i> , 2019, 57, 105-115.	1.0	5

#	ARTICLE	IF	CITATIONS
19	Some Complementary Data about the Spectroscopic Properties of Manganese Ions in Spodumene Crystals. Minerals (Basel, Switzerland), 2020, 10, 554.	2.0	4
20	Impact of high temperatures on aluminoceladonite studied by MÅ¶ssbauer, Raman, X-ray diffraction and X-ray photoelectron spectroscopy. Mineralogy and Petrology, 2021, 115, 431-444.	1.1	4
21	Electrochemical characterization of rapidly solidified Al-(Cr,Cu,Ni,Y,Zr)-Fe alloys. Electrochimica Acta, 2022, 409, 139836.	5.2	3
22	57Fe MÅ¶ssbauer spectroscopy investigations of iron phase composition in fluidized beds from the ELCHO power plant in ChorZÅw, Poland. Nukleonika, 2017, 62, 101-107.	0.8	2
23	Structural Characterization of Al65Cu20Fe15 Melt-Spun Alloy by X-ray, Neutron Diffraction, High-Resolution Electron Microscopy and MÅ¶ssbauer Spectroscopy. Materials, 2021, 14, 54.	2.9	1
24	The effect of gamma irradiation on the fluorescence properties of 1,4,5,8-naphthalisoimides. Radiation Physics and Chemistry, 2015, 110, 67-71.	2.8	0
25	Complex structure and MÅ¶ssbauer effect observed in the course of phase transitions in PbZr0.72Sn0.28O3 single crystal. Journal of Chemical Physics, 2020, 153, 224202.	3.0	0
26	High temperature transformation of iron-bearing minerals in basalt: MÅ¶ssbauer spectroscopy studies. Mineralogia, 2022, 53, 10-19.	0.8	0