

Sebastian Garus

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Comparison of Hook and Straight Steel Fibers Addition on Malaysian Fly Ash-Based Geopolymer Concrete on the Slump, Density, Water Absorption and Mechanical Properties. <i>Materials</i> , 2021, 14, 1310.	2.9	24
2	Tool Wear and Surface Evaluation in Drilling Fly Ash Geopolymer Using HSS, HSS-Co, and HSS-TiN Cutting Tools. <i>Materials</i> , 2021, 14, 1628.	2.9	16
3	Potential of Rapid Tooling in Rapid Heat Cycle Molding: A Review. <i>Materials</i> , 2022, 15, 3725.	2.9	14
4	Effect of manufacturing method on the magnetic properties and formation of structural defects in Fe ₆₁ Co ₁₀ Y ₈ Zr ₁ B ₂₀ amorphous alloy. <i>Journal of Alloys and Compounds</i> , 2014, 615, S51-S55.	5.5	12
5	Improvements of Flexural Properties and Thermal Performance in Thin Geopolymer Based on Fly Ash and Ladle Furnace Slag Using Borax Decahydrates. <i>Materials</i> , 2022, 15, 4178.	2.9	10
6	Optimizing of the Cementitious Composite Matrix by Addition of Steel Wool Fibers (Chopped) Based on Physical and Mechanical Analysis. <i>Materials</i> , 2021, 14, 1094.	2.9	8
7	Elevated-Temperature Performance, Combustibility and Fire Propagation Index of Fly Ash-Metakaolin Blend Geopolymers with Addition of Monoaluminium Phosphate (MAP) and Aluminum Dihydrogen Triphosphate (ATP). <i>Materials</i> , 2021, 14, 1973.	2.9	6
8	Structure optimization of quasi one-dimensional acoustic filters with the use of a genetic algorithm. <i>Wave Motion</i> , 2020, 98, 102645.	2.0	6
9	Analysis of the Thermal and Magnetic Properties of Amorphous Fe ₆₁ Co ₁₀ Zr _{2.5} Hf _{2.5} Me ₂ W ₂ B ₂₀ (Where) Tj ETQq1.1 0.784314 rgBT / Over	0.6	5
10	One dimensional phononic FDTD algorithm and transfer matrix method implementation for Severin aperiodic multilayer. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2017, 16, 17-27.	0.7	5
11	The Study of Magnetization in Strong Magnetic Fields for Alloys Fe ₆₀ Co ₁₀ W _x Nb ₂ Y ₈ B _{20-x} (x=0, 1). <i>Acta Physica Polonica A</i> , 2014, 126, 957-959.	0.5	3
12	High-performance quasi one-dimensional mirrors of mechanical waves built of periodic and aperiodic structures. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2018, 17, 19-24.	0.7	3
13	Preparation of Fly Ash-Ladle Furnace Slag Blended Geopolymer Foam via Pre-Foaming Method with Polyoxyethylene Alkyether Sulphate Incorporation. <i>Materials</i> , 2022, 15, 4085.	2.9	3
14	Structure and Magnetic Properties of the Alloys Fe ₆₀ Co ₁₀ W _x Mo ₂ Y ₈ B _{20-x} (x=0, 1) Tj ETQq0 0 rgBT / Over	0.6	3
15	Comparison of phononic structures with piezoelectric 0.62Pb(Mg _{1/3} Nb _{1/3})O ₃ -0.38PbTiO ₃ defect layers. , 2018, ,		2
16	Crystallization of Fe-Based Bulk Amorphous Alloys. <i>Archives of Metallurgy and Materials</i> , 2015, 60, 7-10.	0.6	1
17	Change in Value of Effective Anisotropy of FeCoB Amorphous Alloys, Depending on Chemical Composition. <i>Acta Physica Polonica A</i> , 2021, 139, 568-570.	0.5	1
18	Designing Two-Band Mechanical Wave Filters Using Genetic Algorithm. <i>Acta Physica Polonica A</i> , 2021, 139, 479-482.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Structure and Magnetic Properties of Amorphous $\text{Fe}_{60}\text{Co}_{10}\text{Mo}_2\text{W}_x\text{Y}_8\text{B}_{20-x}$ ($x=0, 1$) Alloys. Acta Physica Polonica A, 2016, 130, 905-908.	0.5	1
20	Influence of structural defects on the magnetic properties of massive amorphous $\text{Fe}_{60}\text{Co}_{10}\text{Mo}_2\text{W}_x\text{Y}_8\text{B}_{20-x}$ ($x = 1, 2$) alloys produced with the injection casting method. Materiali in Tehnologije, 2016, 50, 559-564.	0.5	1
21	Occurrence of Characteristic Peaks in Phononic Multilayer Structures. Revista De Chimie (discontinued), 2018, 69, 735-738.	0.4	1
22	Band GAP Frequency Response in Regular Phononic Crystals. Revista De Chimie (discontinued), 2019, 69, 3372-3375.	0.4	1
23	The Influence of Heat Treatment on the Phononic Multilayer Sensor. Revista De Chimie (discontinued), 2019, 70, 3671-3673.	0.4	1
24	The Influence of Heat Treatment on Soft Magnetic Properties of the $\text{Fe}_{60}\text{Co}_{10}\text{Mo}_2\text{Y}_8\text{B}_{20}$ Alloy. Acta Physica Polonica A, 2014, 126, 960-962.	0.5	0
25	Change of Magnetic Saturation Polarisation as a Function of Temperature in Bulk Fe-Based Amorphous Alloys. Acta Physica Polonica A, 2021, 139, 510-512.	0.5	0
26	Influence of Asymmetric Distribution of Defects on Dynamic Stability of Bernoulli-Euler Beam. Acta Physica Polonica A, 2021, 139, 557-561.	0.5	0
27	Study on the magnetization-reversal behavior of annealed Sm-Fe-Co-Si-Cu ribbons. Materiali in Tehnologije, 2015, 49, 919-923.	0.5	0
28	Influences of Production Method and Minor Chemical Composition Changes on the Microstructure of the Alloy: $\text{Fe}_{62-x}\text{Co}_{10}\text{Y}_8\text{Mo}_x\text{B}_{20}$ (where $x=1$ or 2). Acta Physica Polonica A, 2016, 130, 1010-1012.	0.5	0
29	Damped vibrations of telescopic crane boom. , 2018, , .		0
30	Transmission Properties of Two-Dimensional Chirped Phononic Crystal. Acta Physica Polonica A, 2019, 135, 153-156.	0.5	0
31	Transmission in the Phononic Octagonal Lattice Made of an Amorphous $\text{Zr}_{55}\text{Cu}_{30}\text{Ni}_5\text{Al}_{10}$ Alloy. Acta Physica Polonica A, 2019, 135, 139-142.	0.5	0
32	Solutions Space State Analysis for Transmission Minimizing of Quasi One-Dimensional Phononic Structures. Acta Physica Polonica A, 2020, 138, 299-301.	0.5	0