

Sebastian Garus

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Potential of Rapid Tooling in Rapid Heat Cycle Molding: A Review. <i>Materials</i> , 2022, 15, 3725. | 2.9 | 14 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 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 | 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 |
| 9 | Change of Magnetic Saturation Polarisation as a Function of Temperature in Bulk Fe-Based Amorphous Alloys. <i>Acta Physica Polonica A</i> , 2021, 139, 510-512. | 0.5 | 0 |
| 10 | Designing Two-Band Mechanical Wave Filters Using Genetic Algorithm. <i>Acta Physica Polonica A</i> , 2021, 139, 479-482. | 0.5 | 1 |
| 11 | Influence of Asymmetric Distribution of Defects on Dynamic Stability of Bernoulli-Euler Beam. <i>Acta Physica Polonica A</i> , 2021, 139, 557-561. | 0.5 | 0 |
| 12 | Solutions Space State Analysis for Transmission Minimizing of Quasi One-Dimensional Phononic Structures. <i>Acta Physica Polonica A</i> , 2020, 138, 299-301. | 0.5 | 0 |
| 13 | 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 |
| 14 | Band GAP Frequency Response in Regular Phononic Crystals. <i>Revista De Chimie (discontinued)</i> , 2019, 69, 3372-3375. | 0.4 | 1 |
| 15 | Transmission Properties of Two-Dimensional Chirped Phononic Crystal. <i>Acta Physica Polonica A</i> , 2019, 135, 153-156. | 0.5 | 0 |
| 16 | Transmission in the Phononic Octagonal Lattice Made of an Amorphous Zr ₅₅ Cu ₃₀ Ni ₅ Al ₁₀ Alloy. <i>Acta Physica Polonica A</i> , 2019, 135, 139-142. | 0.5 | 0 |
| 17 | The Influence of Heat Treatment on the Phononic Multilayer Sensor. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 3671-3673. | 0.4 | 1 |
| 18 | Occurrence of Characteristic Peaks in Phononic Multilayer Structures. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 735-738. | 0.4 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Damped vibrations of telescopic crane boom. , 2018, , . | | 0 |
| 20 | Comparison of phononic structures with piezoelectric $0.62\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{1/3})\text{O}_3-0.38\text{PbTiO}_3$ defect layers. , 2018, , . | | 2 |
| 21 | 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 |
| 22 | 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 |
| 23 | Analysis of the Thermal and Magnetic Properties of Amorphous $\text{Fe}_{61}\text{Co}_{10}\text{Zr}_{2.5}\text{Hf}_{2.5}\text{Me}_2\text{W}_2\text{B}_{20}$ (Where) $T_j \text{ ETQq} 1.1 0.784314 \text{ rgBT} 0.6 5$ | 0.6 | 5 |
| 24 | 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. <i>Acta Physica Polonica A</i> , 2016, 130, 905-908. | 0.5 | 1 |
| 25 | 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. <i>Materiali in Tehnologije</i> , 2016, 50, 559-564. | 0.5 | 1 |
| 26 | 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). <i>Acta Physica Polonica A</i> , 2016, 130, 1010-1012. | 0.5 | 0 |
| 27 | Crystallization of Fe-Based Bulk Amorphous Alloys. <i>Archives of Metallurgy and Materials</i> , 2015, 60, 7-10. | 0.6 | 1 |
| 28 | Study on the magnetization-reversal behavior of annealed Sm-Fe-Co-Si-Cu ribbons. <i>Materiali in Tehnologije</i> , 2015, 49, 919-923. | 0.5 | 0 |
| 29 | Structure and Magnetic Properties of the Alloys $\text{Fe}_{60}\text{Co}_{10}\text{W}_x\text{Mo}_2\text{Y}_{8}\text{B}_{20-x}$ ($x=0$), $T_j \text{ ETQq} 1.1 0.784314 \text{ rgBT} 0.6 5$ | 0.6 | 5 |
| 30 | 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. <i>Acta Physica Polonica A</i> , 2014, 126, 960-962. | 0.5 | 0 |
| 31 | The Study of Magnetization in Strong Magnetic Fields for Alloys $\text{Fe}_{60}\text{Co}_{10}\text{W}_x\text{Nb}_2\text{Y}_{8}\text{B}_{20-x}$ ($x=0, 1$). <i>Acta Physica Polonica A</i> , 2014, 126, 957-959. | 0.5 | 3 |
| 32 | Effect of manufacturing method on the magnetic properties and formation of structural defects in $\text{Fe}_{61}\text{Co}_{10}\text{Y}_8\text{Zr}_1\text{B}_{20}$ amorphous alloy. <i>Journal of Alloys and Compounds</i> , 2014, 615, S51-S55. | 5.5 | 12 |