

Anna Sypien

List of Publications by Year in descending order

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28
papers

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docs citations

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times ranked

167
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Hydrogen Sorption Behavior of Cast Ag-Mg Alloys. <i>Materials</i> , 2022, 15, 270. | 2.9 | 5 |
| 2 | TiO ₂ and TiO ₂ @Ag powders and thin layer toward self-cleaning coatings for PV panel integrated with sound-absorbing screens: Technical approaches. <i>Journal of Power Sources Advances</i> , 2021, 8, 100053. | 5.1 | 5 |
| 3 | Antibacterial Optimization of Highly Deformed Titanium Alloys for Spinal Implants. <i>Molecules</i> , 2021, 26, 3145. | 3.8 | 3 |
| 4 | Towards Efficient Luminescent Solar Energy Concentrator Using Cuprorivaite Infrared Phosphor (CaCuSi ₄ O ₁₀)@Effect of Dispersing Method on Photoluminescence Intensity. <i>Materials</i> , 2021, 14, 3952. | 2.9 | 9 |
| 5 | Microstructural Characterization of Nb/Inconel 601 Interface Obtained in the Explosive Welding Process. <i>Microscopy and Microanalysis</i> , 2021, , 1-8. | 0.4 | 1 |
| 6 | The Influence of Rapid Solidification on Corrosion Behavior of Mg ₆₀ Zn ₂₀ Yb _{15.7} Ca _{2.6} Sr _{1.7} Alloy for Medical Applications. <i>Materials</i> , 2021, 14, 5703. | 2.9 | 0 |
| 7 | Interlayer Microstructure Analysis of the Transition Zone in the Silicon/Perovskite Tandem Solar Cell. <i>Energies</i> , 2021, 14, 6819. | 3.1 | 2 |
| 8 | Effects of Ti and High Cooling Rate on the Phase Equilibria and Properties of Ni ₃ (Al,V) Alloys. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 1502-1508. | 2.5 | 2 |
| 9 | Thermomechanical behavior of amorphous alloys based on titanium at the temperature range of the glass transition and crystallization. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 743, 77-86. | 5.6 | 3 |
| 10 | New kind of Cu based paste for Si solar cells front contact formation. <i>Materials Science-Poland</i> , 2018, 36, 469-476. | 1.0 | 1 |
| 11 | Effect of Pd, temperature and time on wetting and interfacial microstructure of bulk metallic glasses TiCuZrPd on Ti-6Al-4V substrate. <i>Journal of Alloys and Compounds</i> , 2017, 695, 962-970. | 5.5 | 4 |
| 12 | Influence of phosphorous content on microstructure development at the Ni-P Plating/SAC interface. <i>Electronic Materials Letters</i> , 2016, 12, 178-185. | 2.2 | 10 |
| 13 | Properties of the Ti ₄₀ Zr ₁₀ Cu ₃₆ Pd ₁₄ BMG Modified by Sn and Nb Additions. <i>Journal of Materials Engineering and Performance</i> , 2016, 25, 800-808. | 2.5 | 6 |
| 14 | Wetting of Cu Pads by Bi-2.6Ag-xCu Alloys and Phase Equilibria in the Ag-Bi-Cu System. <i>Journal of Electronic Materials</i> , 2014, 43, 4365-4373. | 2.2 | 4 |
| 15 | Thermal stability and mechanical properties of the TiCuZrPd glasses with 10, 14 and 20at.% Pd. <i>Journal of Alloys and Compounds</i> , 2014, 615, S108-S112. | 5.5 | 12 |
| 16 | Enthalpy of formation of intermetallic phases from Al@Ni and Al@Ni@Ti systems. <i>Intermetallics</i> , 2013, 42, 92-98. | 3.9 | 19 |
| 17 | Microstructure of the Ni-W Solid Solution Prepared by Levitation and after High Pressure Torsion Severe Plastic Deformation. <i>Solid State Phenomena</i> , 2012, 186, 104-107. | 0.3 | 1 |
| 18 | Wetting of Sn-Zn-xIn (x=0.5, 1.0, 1.5 wt%) Alloys on Cu and Ni Substrates. <i>Journal of Materials Engineering and Performance</i> , 2012, 21, 595-598. | 2.5 | 13 |

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|----|--|-----|-----------|
| 19 | Wetting of Cu by Bi–Ag based alloys with Sn and Zn additions. <i>Journal of Materials Science</i> , 2010, 45, 4339-4344. | 3.7 | 20 |
| 20 | Preparation of Ti–Ni–Fe phase by levitation and its structural characterisation. <i>Materials Science and Technology</i> , 2010, 26, 31-35. | 1.6 | 10 |
| 21 | Microstructure and properties of cold consolidated amorphous ribbons from (NiCu)ZrTiAlSi alloys. <i>Journal of Alloys and Compounds</i> , 2009, 483, 74-77. | 5.5 | 11 |
| 22 | Glass forming ability and mechanical properties of the NiZrTiSi amorphous alloys modified with Al, Cu and Nb additions. <i>Journal of Alloys and Compounds</i> , 2007, 434-435, 56-59. | 5.5 | 4 |
| 23 | The structure and mechanical properties of amorphous and nanocrystalline Fe ₇ Si ₇ B alloys. <i>Journal of Microscopy</i> , 2006, 224, 111-113. | 1.8 | 5 |
| 24 | TEM studies of the FeSiB amorphous alloy nanocrystallized by means of Nd:YAG-pulsed laser heating. <i>Materials Chemistry and Physics</i> , 2003, 81, 390-392. | 4.0 | 16 |
| 25 | Microstructure Evolution and Mechanical Properties of the Ni/Ni Soldered Joints. <i>Solid State Phenomena</i> , 0, 172-174, 863-868. | 0.3 | 0 |
| 26 | The Microstructure and Mechanical Properties of the Ni-Al-V Alloys Prepared by Levitation and Crystallization in Copper Mould. <i>Solid State Phenomena</i> , 0, 172-174, 475-480. | 0.3 | 0 |
| 27 | Microstructure, Chemistry and Mechanical Properties of the Ni/AgBiCuSn/Ni Interconnections. <i>Solid State Phenomena</i> , 0, 186, 239-242. | 0.3 | 0 |
| 28 | Phase Formation and Diffusivity in the Ternary Cu-Zn-In System. <i>Journal of Materials Engineering and Performance</i> , 0, , . | 2.5 | 0 |