

Anna Sypien

List of Publications by Year in descending order

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papers

166
citations

1163117

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1199594

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g-index

28
all docs

28
docs citations

28
times ranked

167
citing authors

#	ARTICLE	IF	CITATIONS
1	Wetting of Cu by Bi–Ag based alloys with Sn and Zn additions. Journal of Materials Science, 2010, 45, 4339-4344.	3.7	20
2	Enthalpy of formation of intermetallic phases from Al–Ni and Al–Ni–Ti systems. Intermetallics, 2013, 42, 92-98.	3.9	19
3	TEM studies of the FeSiB amorphous alloy nanocrystallized by means of Nd:YAG-pulsed laser heating. Materials Chemistry and Physics, 2003, 81, 390-392.	4.0	16
4	Wetting of Sn-Zn-xIn (x=0.5, 1.0, 1.5 wt%) Alloys on Cu and Ni Substrates. Journal of Materials Engineering and Performance, 2012, 21, 595-598.	2.5	13
5	Thermal stability and mechanical properties of the TiCuZrPd glasses with 10, 14 and 20at.% Pd. Journal of Alloys and Compounds, 2014, 615, S108-S112.	5.5	12
6	Microstructure and properties of cold consolidated amorphous ribbons from (NiCu)ZrTiAlSi alloys. Journal of Alloys and Compounds, 2009, 483, 74-77.	5.5	11
7	Preparation of Ti–Ni–Fe phase by levitation and its structural characterisation. Materials Science and Technology, 2010, 26, 31-35.	1.6	10
8	Influence of phosphorous content on microstructure development at the Ni-P Plating/SAC interface. Electronic Materials Letters, 2016, 12, 178-185.	2.2	10
9	Towards Efficient Luminescent Solar Energy Concentrator Using Cuprorivaite Infrared Phosphor (CaCuSi ₄ O ₁₀)—Effect of Dispersing Method on Photoluminescence Intensity. Materials, 2021, 14, 3952.	2.9	9
10	Properties of the Ti ₄₀ Zr ₁₀ Cu ₃₆ Pd ₁₄ BMG Modified by Sn and Nb Additions. Journal of Materials Engineering and Performance, 2016, 25, 800-808.	2.5	6
11	The structure and mechanical properties of amorphous and nanocrystalline Fe ₇ Si ₇ B alloys. Journal of Microscopy, 2006, 224, 111-113.	1.8	5
12	TiO ₂ and TiO ₂ –Ag powders and thin layer toward self-cleaning coatings for PV panel integrated with sound-absorbing screens: Technical approaches. Journal of Power Sources Advances, 2021, 8, 100053.	5.1	5
13	Hydrogen Sorption Behavior of Cast Ag-Mg Alloys. Materials, 2022, 15, 270.	2.9	5
14	Glass forming ability and mechanical properties of the NiZrTiSi amorphous alloys modified with Al, Cu and Nb additions. Journal of Alloys and Compounds, 2007, 434-435, 56-59.	5.5	4
15	Wetting of Cu Pads by Bi-2.6Ag-xCu Alloys and Phase Equilibria in the Ag-Bi-Cu System. Journal of Electronic Materials, 2014, 43, 4365-4373.	2.2	4
16	Effect of Pd, temperature and time on wetting and interfacial microstructure of bulk metallic glasses TiCuZrPd on Ti-6Al-4V substrate. Journal of Alloys and Compounds, 2017, 695, 962-970.	5.5	4
17	Thermomechanical behavior of amorphous alloys based on titanium at the temperature range of the glass transition and crystallization. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 743, 77-86.	5.6	3
18	Antibacterial Optimization of Highly Deformed Titanium Alloys for Spinal Implants. Molecules, 2021, 26, 3145.	3.8	3

#	ARTICLE	IF	CITATIONS
19	Effects of Ti and High Cooling Rate on the Phase Equilibria and Properties of Ni ₃ (Al,V) Alloys. Journal of Materials Engineering and Performance, 2020, 29, 1502-1508.	2.5	2
20	Interlayer Microstructure Analysis of the Transition Zone in the Silicon/Perovskite Tandem Solar Cell. Energies, 2021, 14, 6819.	3.1	2
21	Microstructure of the Ni-W Solid Solution Prepared by Levitation and after High Pressure Torsion Severe Plastic Deformation. Solid State Phenomena, 2012, 186, 104-107.	0.3	1
22	Microstructural Characterization of Nb/Inconel 601 Interface Obtained in the Explosive Welding Process. Microscopy and Microanalysis, 2021, , 1-8.	0.4	1
23	New kind of Cu based paste for Si solar cells front contact formation. Materials Science-Poland, 2018, 36, 469-476.	1.0	1
24	Microstructure Evolution and Mechanical Properties of the Ni/Ni Soldered Joints. Solid State Phenomena, 0, 172-174, 863-868.	0.3	0
25	The Microstructure and Mechanical Properties of the Ni-Al-V Alloys Prepared by Levitation and Crystallization in Copper Mould. Solid State Phenomena, 0, 172-174, 475-480.	0.3	0
26	Microstructure, Chemistry and Mechanical Properties of the Ni/AgBiCuSn/Ni Interconnections. Solid State Phenomena, 0, 186, 239-242.	0.3	0
27	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. Materials, 2021, 14, 5703.	2.9	0
28	Phase Formation and Diffusivity in the Ternary Cu-Zn-In System. Journal of Materials Engineering and Performance, 0, , .	2.5	0