

Yang

List of Publications by Year in descending order

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31
papers

237
citations

1163117

8
h-index

996975

15
g-index

31
all docs

31
docs citations

31
times ranked

186
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of addition of Al and Cu on the properties of Sn–20Bi solder alloy. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 177-189.	2.2	8
2	Effect of Ni and TiO ₂ particle addition on the wettability and interfacial reaction of Sn20Bi lead-free solder. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 3306-3319.	2.2	3
3	Designing highly efficient 3D porous Ni-Fe sulfide nanosheets based catalyst for the overall water splitting through component regulation. <i>Journal of Colloid and Interface Science</i> , 2022, 616, 422-432.	9.4	37
4	The effects of the addition of CNT@Ni on the hardness, density, wettability and mechanical properties of Sn-0.7Cu lead-free solder. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 10843-10854.	2.2	2
5	Effects of Yttrium Addition on the Microstructure Evolution and Electrochemical Corrosion of SN-9Zn Lead-Free Solders Alloy. <i>Materials</i> , 2021, 14, 2549.	2.9	2
6	The effect of alkaline earth additions on the physical property and the corrosion behavior of Sn-0.7Cu-0.075Al solder alloy. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 24152-24167.	2.2	0
7	Effect of graphene nano-sheets additions on the density, hardness, conductivity, and corrosion behavior of Sn–0.7Cu solder alloy. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 202-211.	2.2	12
8	Influence of graphene nanosheets addition on the microstructure, wettability, and mechanical properties of Sn-0.7Cu solder alloy. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 14035-14046.	2.2	8
9	Effect of Aluminum Addition on the Microstructure and Properties of Non-Eutectic Sn-20Bi Solder Alloys. <i>Materials</i> , 2019, 12, 1194.	2.9	12
10	Ternary Al–Mo–Y phase diagram and the new phase Al ₄ Mo ₂ Y. <i>International Journal of Materials Research</i> , 2018, 109, 10-17.	0.3	0
11	Microstructure, Interface Morphology, and Antioxidant Properties of Sn-8.5Zn-0.1Cr-(Nd,Al,Cu) Solders. <i>Journal of Electronic Materials</i> , 2017, 46, 637-649.	2.2	2
12	Intrinsic Properties and Structure of AB ₂ Laves Phase ZrW ₂ . <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2017, 48, 3082-3089.	2.2	2
13	Enhancement of wear and corrosion resistance of low modulus β -type Zr-20Nb-xTi (x = 0, 3) dental alloys through thermal oxidation treatment. <i>Materials Science and Engineering C</i> , 2017, 76, 260-268.	7.3	17
14	Phase equilibria of the Mo–Al–Ho ternary system. <i>International Journal of Materials Research</i> , 2017, 108, 656-663.	0.3	0
15	Phase equilibria in the Zr–Si–B ternary system (Zr–Si–Zr ₂ region) at 1 173 K. <i>International Journal of Materials Research</i> , 2017, 108, 808-814.	0.3	1
16	The Effect of Indium Concentration on the Structure and Properties of Zirconium Based Intermetallics: First-Principles Calculations. <i>Advances in Condensed Matter Physics</i> , 2016, 2016, 1-8.	1.1	0
17	Microstructure optimization and mechanical properties of lightweight Al–Mg ₂ Si in-situ composite. <i>International Journal of Materials Research</i> , 2016, 107, 842-850.	0.3	10
18	Solid-State Phase Equilibria and Intermetallic Compounds of the Si-V-Zr Ternary System. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2016, 47, 6569-6576.	2.2	2

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19	Theoretical Prediction of Transition Metal Alloying Effects on the Lightweight TiAl Intermetallic. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2016, 47, 1451-1459.	2.2	12
20	Phase equilibria of the Cu-Dy-Ti ternary system at 973 K. Powder Diffraction, 2015, 30, 218-223.	0.2	0
21	Experimental phase diagram of the V-Si-Ho ternary system. International Journal of Materials Research, 2015, 106, 464-469.	0.3	2
22	The electrochemical corrosion behavior of Pb-free Sn-8.5Zn-XCr solders in 3.5wt.% NaCl solution. Materials Chemistry and Physics, 2015, 168, 27-34.	4.0	25
23	Experimental Phase Diagram of the Al-Mo-Gd Ternary System at 773K. Journal of Phase Equilibria and Diffusion, 2015, 36, 218-223.	1.4	2
24	Solid-State Phase Equilibria of the V-Si-Gd System at 973K (700°C). Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 4194-4200.	2.2	2
25	Phase Equilibria of the Al-Mo-Dy Ternary System at 873K. Journal of Phase Equilibria and Diffusion, 2013, 34, 322-327.	1.4	5
26	Phase diagram of Er-Sn-Te system for diluted magnetic semiconductor developments. Journal of Rare Earths, 2013, 31, 800-803.	4.8	7
27	Phase equilibria of the Al-Cr-Pr ternary system at 773 K. International Journal of Materials Research, 2013, 104, 1233-1239.	0.3	3
28	Phase Equilibria in the Al-Zr-Nd System at 773K. Journal of Phase Equilibria and Diffusion, 2011, 32, 24-29.	1.4	4
29	Particle size effect on the elevated temperature wear behavior of SiCp/Cu composites. Journal of Materials Science, 2005, 40, 223-225.	3.7	4
30	Wear Transitions in Particulate Reinforced Copper Matrix Composites. Materials Transactions, 2004, 45, 2332-2338.	1.2	44
31	Phase relationship in the Gd-Ti-Al ternary system at 500°C. Journal of Materials Science, 2002, 37, 1203-1205.	3.7	9