

Conglin Zhang

List of Publications by Year in descending order

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111
citing authors

#	ARTICLE	IF	CITATIONS
1	The surface alloying of aluminum with Sn and Pb for enhancement mechanism under high current pulsed electron beam. <i>Surface and Coatings Technology</i> , 2022, 444, 128640.	4.8	3
2	The impact of high current pulses electron beam on the microstructure and surface properties of Sn/Al system. <i>Journal of Alloys and Compounds</i> , 2021, 861, 157980.	5.5	11
3	Amorphization and Nano-Crystallization of Ni-Nb Coating on GH3039 Alloys by High Current Pulsed Electron Beam. <i>Nanomaterials</i> , 2021, 11, 347.	4.1	4
4	Microstructure and properties of CoCrFeNiMo0.2 high-entropy alloy enhanced by high-current pulsed electron beam. <i>Surface and Coatings Technology</i> , 2021, 410, 126911.	4.8	34
5	Microstructure and Properties of Mechanical Alloying Al-Zr Coating by High Current Pulsed Electron Beam Irradiation. <i>Nanomaterials</i> , 2020, 10, 2398.	4.1	9
6	Properties of a rapidly solidified Ni-Nb layer prepared using a high-current pulsed electron beam. <i>Vacuum</i> , 2020, 177, 109362.	3.5	7
7	The effect of high-current pulsed electron beam on phase formation and surface properties of chromium/copper system. <i>Vacuum</i> , 2020, 174, 109222.	3.5	13
8	The microstructure and properties of nanostructured Cr-Al alloying layer fabricated by high-current pulsed electron beam. <i>Vacuum</i> , 2019, 167, 263-270.	3.5	54
9	The microstructure and properties of tungsten alloying layer on copper by high-current pulse electron beam. <i>Applied Surface Science</i> , 2017, 422, 582-590.	6.1	28
10	Surface microstructure and properties of Cu-C powder metallurgical alloy induced by high-current pulsed electron beam. <i>Journal of Alloys and Compounds</i> , 2017, 697, 96-103.	5.5	42
11	The microstructure and mechanical properties of Pb alloying layer on Al using surface alloying by high-current pulsed electron beam. <i>Materials Research Express</i> , 2017, 4, 116523.	1.6	3
12	Enhanced corrosion property of W-Al coatings fabricated on aluminum using surface alloying under high-current pulsed electron beam. <i>Journal of Alloys and Compounds</i> , 2017, 723, 258-265.	5.5	39
13	Microstructures and properties of zirconium-702 irradiated by high current pulsed electron beam. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 358, 151-159.	1.4	26