Cheng Chen

List of Publications by Year
in descending order

14 papers	168 citations	1307594 7 h-index	1199594 12 g-index
14 all docs	14 docs citations	14 times ranked	142 citing authors

#	Article	IF	Citations
1	Formation mechanism and mechanical properties of surface nanocrystallized Tiâ€“6Alâ€“4V alloy processed by surface mechanical attrition treatment. Rare Metals, 2023, 42, 1343-1352.	7.1	7
2	Microstructures and properties of Cuâ€“Crâ€“W composite coatings fabricated by surface mechanical alloying technique. Rare Metals, 2022, 41, 4248-4256.	7.1	4
3	Microstructure and mechanical properties of Tiâ€“Cu amorphous coating synthesized on pure Cu substrate by mechanical alloying method. Rare Metals, 2020, 39, 1222-1228.	7.1	13
4	Microstructures and properties of TiCp/Al coating synthesized on Tiâ€“6Alâ€“4V alloy substrate using mechanical alloying method. Journal of Alloys and Compounds, 2020, 813, 152223.	5.5	17
5	Effect of Annealing Treatment on Microstructure, Mechanical Properties and Oxidation Resistance of SiCp/Al Coating Synthesized on Tiâ€“6Alâ€“4ÂV Alloy Substrate by Mechanical Alloying Method. Oxidation of Metals, 2020, 94, 127-146.	2.1	1
6	Effects of Multi-Pass Friction Stir Processing on Microstructures and Mechanical Properties of the 1060Al/Q235 Composite Plate. Metals, 2020, 10, 298.	2.3	5
7	Fabrication of Alâ€“Si coating on Tiâ€“6Alâ€“4V substrate by mechanical alloying. Materials and Manufacturing Processes, 2018, 33, 186-195.	4.7	6
8	Effects of annealing on Alâ€“Si coating synthesised by mechanical alloying. Surface Engineering, 2017, 33, 548-558.	2.2	15
9	Synthesis of Alâ€“B4C composite coating on Tiâ€“6Alâ€“4V alloy substrate by mechanical alloying method. Surface and Coatings Technology, 2017, 321, 8-18.	4.8	22
10	Effects of annealing treatment and pre-refinement of raw material on microstructures and properties of mechanically alloyed Crâ€“Al composite coatings on Tiâ€“6Alâ€“4V alloy. Materials Characterization, 2016, 120, 97-108.	4.4	20
11	Microstructures and properties of Crâ€“Cu/Wâ€“Cu bi-layer composite coatings prepared by mechanical alloying. International Journal of Materials Research, 2016, 107, 544-552.	0.3	2
12	Fabrication of Al-ZrO<inf>2</inf>-Y<inf>2</inf>O<inf>3</inf> composite coating on SUS 304 stainless steel substrate using mechanical alloying method. , 2015, , .		0
13	Effects of Cu content on the microstructures and properties of Crâ€“Cu composite coatings fabricated via mechanical alloying method. Powder Technology, 2015, 277, 36-46.	4.2	15
14	Microstructures and formation mechanism of Wâ€“Cu composite coatings on copper substrate prepared by mechanical alloying method. Applied Surface Science, 2013, 282, 757-764.	6.1	41