

Vojtech Kucera

List of Publications by Year in descending order

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papers

151
citations

1937685

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#	ARTICLE	IF	CITATIONS
1	High-strength ultrafine-grained CoCrFeNiNb high-entropy alloy prepared by mechanical alloying: Properties and strengthening mechanism. <i>Journal of Alloys and Compounds</i> , 2020, 835, 155308.	5.5	56
2	Properties of a high-strength ultrafine-grained CoCrFeNiMn high-entropy alloy prepared by short-term mechanical alloying and spark plasma sintering. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 734, 341-352.	5.6	52
3	High-Strength Ultra-Fine-Grained Hypereutectic Al-Si-Fe-X (X = Cr, Mn) Alloys Prepared by Short-Term Mechanical Alloying and Spark Plasma Sintering. <i>Materials</i> , 2016, 9, 973.	2.9	13
4	Phase Composition of Al-Si Coating from the Initial State to the Hot-Stamped Condition. <i>Materials</i> , 2021, 14, 1125.	2.9	9
5	Kinetics of Zinc Corrosion in Concrete as a Function of Water and Oxygen Availability. <i>Materials</i> , 2019, 12, 2786.	2.9	7
6	Al-Fe Chips Processed by High-Energy Ball Milling and Spark Plasma Sintering. <i>Solid State Phenomena</i> , 0, 270, 197-204.	0.3	4
7	Processing of Al-Si Waste Contaminated with Iron by Powder Metallurgy. <i>Manufacturing Technology</i> , 2018, 18, 60-65.	1.4	4
8	Properties of FeAlSi-X-Y Alloys (X,Y=Ni, Mo) Prepared by Mechanical Alloying and Spark Plasma Sintering. <i>Materials</i> , 2020, 13, 292.	2.9	2
9	Compression stress strengthening modelling of a ultrafine-grained equiatomic SPS CoCrFeNiNb high-entropy alloy. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2021, 235, 1432-1442.	2.1	2
10	Investigation of Liquid Metal Embrittlement during Resistance Spot Welding of Martensitic Steel with Zn Jet Vapor-Deposited Coating. <i>Metals</i> , 2021, 11, 1813.	2.3	2