Vojtech Kucera

List of Publications by Year
in descending order

10	151	1937685 4	1474206 9
papers	citations	h-index	g-index

10	10	10	152
all docs	docs citations	times ranked	citing authors

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