

Mehdi Eizadjou

List of Publications by Year in descending order

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15
papers

839
citations

933447

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1058476

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15
docs citations

15
times ranked

827
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of structure and mechanical properties of multi-layered Al/Cu composite produced by accumulative roll bonding (ARB) process. Composites Science and Technology, 2008, 68, 2003-2009.	7.8	263
2	Microstructure and mechanical properties of ultra-fine grains (UFGs) aluminum strips produced by ARB process. Journal of Alloys and Compounds, 2009, 474, 406-415.	5.5	192
3	Role of stress-assisted martensite in the design of strong ultrafine-grained duplex steels. Acta Materialia, 2015, 82, 100-114.	7.9	146
4	On the chloride-induced pitting of ultra fine grains 5052 aluminum alloy produced by accumulative roll bonding process. Journal of Alloys and Compounds, 2011, 509, 4696-4700.	5.5	76
5	Wear characteristics of severely deformed aluminum sheets by accumulative roll bonding (ARB) process. Materials Characterization, 2011, 62, 12-21.	4.4	56
6	Microalloying effects of Mo versus Cr in HSLA steels with ultrafine-grained ferrite microstructures. Materials and Design, 2020, 185, 108278.	7.0	20
7	Development of high-strength, good-conductivity Cu/Ti bulk nano-layered composites by a combined roll-bonding process. Journal of Alloys and Compounds, 2017, 701, 127-130.	5.5	17
8	An observation of the binder microstructure in WC-(Co+Ru) cemented carbides using transmission Kikuchi diffraction. Scripta Materialia, 2020, 183, 55-60.	5.2	16
9	Evolution of mechanical properties in SPD processed Cu/Nb nano-layered composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 5790-5795.	5.6	13
10	Compositional variations in equiatomic CrMnFeCoNi high-entropy alloys. Materials Characterization, 2021, 180, 111437.	4.4	11
11	Microstructural characterization and mechanical behaviours of TiN-graphite composites fabricated by spark plasma sintering. International Journal of Refractory Metals and Hard Materials, 2020, 91, 105253.	3.8	9
12	On the formation of spherical metastable BCC single crystal spatter particles during laser powder bed fusion. Materialia, 2020, 9, 100584.	2.7	8
13	WEAR PROPERTIES OF 1100 ALLOY PRODUCED BY ACCUMULATIVE ROLL BONDING. International Journal of Modern Physics B, 2008, 22, 2848-2857.	2.0	7
14	Sliding Wear Behavior of Severely Deformed 6061 Aluminum Alloy by Accumulative Roll Bonding (ARB) Process. Materials Science Forum, 0, 667-669, 1107-1112.	0.3	3
15	Microstructure and properties of CoCrFeNi-based multi-principal element alloys containing C and Sc. Journal of Materials Science, 2022, 57, 9442-9453.	3.7	2