Farshad Akhlaghi

List of Publications by Year
in descending order

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18	472	1040056 9	940533 16
papers	citations	h-index	g-index

19	19	19	489
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wear behavior of Al 5252 alloy reinforced with micrometric and nanometric SiC particles. Tribology International, 2016, 102, 28-37.	5.9	122
2	Effect of SiC content on the processing, compaction behavior, and properties of Al6061/SiC/Gr hybrid composites. Journal of Materials Science, 2011, 46, 1502-1511.	3.7	80
3	Effect of SiC content on dry sliding wear, corrosion and corrosive wear of Al/SiC nanocomposites. Transactions of Nonferrous Metals Society of China, 2016, 26, 1801-1808.	4.2	55
4	Interfacial valence electron localization and the corrosion resistance of Al-SiC nanocomposite. Scientific Reports, 2016, 5, 18154.	3.3	44
5	Effect of nanosized SiC particles addition to CP Al and Alâ€“Mg powders on their compaction behavior. Powder Technology, 2013, 245, 126-133.	4.2	30
6	Wear behaviour of Al6061-Al2O3 composites produced by in-situ powder metallurgy (IPM). Powder Technology, 2017, 313, 184-190.	4.2	28
7	Effect of the SiC Content on the Tribological Properties of Hybrid Al/Gr/SiC Composites Processed by <i>In Situ</i> Powder Metallurgy (IPM) Method. Advanced Materials Research, 0, 264-265, 1878-1886.	0.3	25
8	Microstructure and mechanical properties of Al-Mg 2 Si composite fabricated in-situ by vibrating cooling slope. Transactions of Nonferrous Metals Society of China, 2018, 28, 604-612.	4.2	25
9	Fabrication and Characterization of Functionally Graded Al/SiCp Composites Produced by Remelting and Sedimentation Process. Journal of Materials Engineering and Performance, 2014, 23, 444-450.	2.5	20
10	Effect of SiC Nanoparticles Content and Mg Addition on the Characteristics of Al/SiC Composite Powders Produced via In Situ Powder Metallurgy Method. Particulate Science and Technology, 2013, 31, 234-240.	2.1	14
11	Effect of SiC Nanoparticles Content and Milling Time on the Characteristics of Al/SiC Nanocomposite Powders Produced via Mechanical Milling. Advanced Materials Research, 2013, 829, 505-509.	0.3	6
12	Time-dependent creep behavior of Alâ€“SiC functionally graded beams under in-plane thermal loading. Computational Materials Science, 2016, 121, 182-190.	3.0	6
13	EFFECT OF MECHANICAL ALLOYING PROCESS PARAMETERS ON CHARACTERISTICS OFAl-B₄CNANOCOMPOSITE-NANOCRYSTLLINE POWDER PARTICLES. International Journal of Modern Physics B, 2008, 22, 2924-2932.	2.0	4
14	Characterization of a Functionally Graded Hypereutectic Al-Si Alloy Produced by Centrifugal Method. Advanced Materials Research, 2008, 47-50, 865-868.	0.3	4
15	Effect of Mg Content on the Characteristics of Al/SiC Nanocomposite Powders Produced via <i>In Situ</i> Powder Metallurgy Method. Key Engineering Materials, 0, 471-472, 420-425.	0.4	3
16	Effect of graphite content on the tribological behavior of Al/2SiC/Gr hybrid nano-composites processed via mechanical milling. International Journal of Materials Research, 2017, 108, 60-67.	0.3	1
17	Characterization of A356 aluminum matrix composite affected by SiC particle size and extrusion parameters. International Journal of Materials Research, 2018, 109, 545-554.	0.3	1
18	The Analysis of Time-Dependent Thermo-Mechanical Creep in Functionally Graded Al-SiC Composites Under Various Operating Temperatures. Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, 2018, 42, 117-126.	1.3	0