Zohreh Sadeghian

List of Publications by Year
in descending order

16 papers	489 citations	759233 12 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	517 citing authors

#	Article	IF	Citations
1	Room and High-Temperature Sliding Wear Behavior of In Situ TiC-Based Cermet Fabricated through Selective Laser Melting. Journal of Materials Engineering and Performance, 2021, 30, 6777-6787.	2.5	5
2	In situ fabrication of TiC-NiCr cermets by selective laser melting. International Journal of Refractory Metals and Hard Materials, 2020, 87, 105171.	3.8	33
3	Effect of selective laser melting process parameters on microstructural and mechanical properties of TiCâ€“NiCr cermet. Ceramics International, 2020, 46, 28749-28757.	4.8	18
4	A review of additive manufacturing of cermets. Additive Manufacturing, 2020, 33, 101130.	3.0	48
5	Microstructural characterization and properties of in situ Al-Al3Ni/TiC hybrid composite fabricated by friction stir processing using reactive powder. Materials Characterization, 2019, 149, 124-132.	4.4	20
6	Role of powder preparation route on microstructure and mechanical properties of Al-TiB2 composites fabricated by accumulative roll bonding (ARB). Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 677, 400-410.	5.6	10
7	Investigating the microstructure and mechanical properties of Al-TiB2 composite fabricated by Friction Stir Processing (FSP). Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 673, 436-442.	5.6	46
8	Effect of CNT addition approach on the microstructure and properties of NiAl-CNT nanocomposites produced by mechanical alloying and spark plasma sintering. Intermetallics, 2016, 76, 41-48.	3.9	41
9	Evaluation of the microstructure and wear behaviour of AA6063-B4C/TiB2 mono and hybrid composite layers produced by friction stir processing. Surface and Coatings Technology, 2016, 285, 1-10.	4.8	86
10	Application of spark plasma sintering (SPS) for the fabrication of in situ Niâ€“TiC nanocomposite clad layer. Journal of Alloys and Compounds, 2015, 633, 479-483.	5.5	27
11	Fabrication and characterization of reactive Niâ€“Tiâ€“C powder by mechanical alloying. Journal of Alloys and Compounds, 2014, 589, 157-163.	5.5	15
12	Effect of silicon content on microstructure of Al-Si/SiCp composite layer cladded on A380 Al alloy by TIG welding process. Transactions of Nonferrous Metals Society of China, 2014, 24, 2824-2830.	4.2	23
13	Estimation and optimization of shear strength for compacted iron powders by means of soft computing paradigms. Materials & Design, 2013, 45, 590-596.	5.1	5
14	Microstructural and mechanical evaluation of Alâ€“TiB2 nanostructured composite fabricated by mechanical alloying. Journal of Alloys and Compounds, 2011, 509, 7758-7763.	5.5	84
15	Characterisation of<i>in situ</i>Alâ€“TiB₂nanocomposite powder synthesised by mechanical alloying. Powder Metallurgy, 2011, 54, 46-49.	1.7	10
16	High-Velocity Oxyfuel Reactive Spraying of Mechanically Alloyed Ni-Ti-C Powders. Journal of Thermal Spray Technology, 2005, 14, 77-84.	3.1	18