

# Mohammad Alipour

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

696  
citations

567144

15  
h-index

713332

21  
g-index

30  
all docs

30  
docs citations

30  
times ranked

595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of mechanical and microstructural of AlA380 based nanocomposite rein-forced with Tungsten Disulfide nanoparticles. <i>Materials Research Express</i> , 2019, 6, 0850g3.	0.8	1
2	Effects of Extrusion and Heat Treatment Conditions on Microstructure and Mechanical Properties of an Alâ€“Znâ€“Mgâ€“Cuâ€“Er Alloy. <i>Minerals, Metals and Materials Series</i> , 2018, , 451-459.	0.3	2
3	Influence of Graphene Nanoplatelet Reinforcements on Microstructural Development and Wear Behavior of an Aluminum Alloy Nanocomposite. <i>Minerals, Metals and Materials Series</i> , 2018, , 233-246.	0.3	3
4	Characterization of graphene reinforced Al-Sn nanocomposite produced by mechanical alloying and vacuum hot pressing. <i>Materials Today: Proceedings</i> , 2018, 5, 24505-24514.	0.9	19
5	Influence of hot rolling on microstructure and mechanical behaviour of Al6061-ZrB2 in-situ metal matrix composites. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 738, 344-352.	2.6	50
6	Effect of hot extrusion and T6 heat treatment on microstructure and mechanical properties of Al-10Zn-3.5Mg-2.5Cu nanocomposite reinforced with graphene nanoplatelets. <i>Journal of Manufacturing Processes</i> , 2018, 36, 264-271.	2.8	32
7	Microstructure and mechanical behaviour of in situ fabricated AA6061â€“TiC metal matrix composites. <i>Archives of Civil and Mechanical Engineering</i> , 2017, 17, 535-544.	1.9	80
8	Influence of TiO2 nanoparticles incorporation to friction stir welded 5083 aluminum alloy on the microstructure, mechanical properties and wear resistance. <i>Journal of Alloys and Compounds</i> , 2017, 712, 795-803.	2.8	103
9	Synthesis and characterization of graphene nanoplatelets reinforced AA7068 matrix nanocomposites produced by liquid metallurgy route. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 706, 71-82.	2.6	56
10	Effect of multi-pass friction stir processing on the microstructure, mechanical and wear properties of AA5083/ZrO2 nanocomposites. <i>Journal of Alloys and Compounds</i> , 2017, 726, 1262-1273.	2.8	108
11	Effects of pre-deformation on microstructure and tensile properties of Alâ€“Znâ€“Mgâ€“Cu alloy produced by modified strain induced melt activation. <i>Transactions of Nonferrous Metals Society of China</i> , 2016, 26, 2283-2295.	1.7	20
12	Investigation of the effect of Al-8B master alloy and strain-induced melt activation process on dry sliding wear behavior of an Alâ€“Znâ€“Mgâ€“Cu alloy. <i>Materials &amp; Design</i> , 2014, 53, 308-316.	5.1	18
13	Investigation of the effect of Alâ€“5Tiâ€“1B grain refiner on dry sliding wear behavior of an Alâ€“Znâ€“Mgâ€“Cu alloy formed by strain-induced melt activation process. <i>Materials &amp; Design</i> , 2013, 46, 766-775.	5.1	32
14	Microstructure, hardness and tensile properties of A380 aluminum alloy with and without Li additions. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 582, 409-414.	2.6	45
15	Effect of the strain-induced melt activation (SIMA) process on the tensile properties of a new developed super high strength aluminum alloy modified by Al5Ti1B grain refiner. <i>Materials Characterization</i> , 2012, 71, 6-18.	1.9	26
16	The effect of Alâ€“8B grain refiner and heat treatment conditions on the microstructure, mechanical properties and dry sliding wear behavior of an Alâ€“12Znâ€“3Mgâ€“2.5Cu aluminum alloy. <i>Materials &amp; Design</i> , 2012, 38, 64-73.	5.1	19
17	The influence of beryllium addition on the microstructure and mechanical properties of Alâ€“15%Mg2Si in-situ metal matrix composite. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011, 528, 8205-8211.	2.6	30
18	The effects of boron additions on the microstructure, hardness and tensile properties of in situ Alâ€“15%Mg2Si composite. <i>Materials &amp; Design</i> , 2011, 32, 5049-5054.	5.1	26

#	ARTICLE	IF	CITATIONS
19	Study on fracture behaviour of Al-15%Mg2Si metal matrix composite with and without beryllium additions. Journal of Materials Science, 2011, 46, 6856-6862.	1.7	9