

# kaveh Rahmani

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

352  
citations

687363

13  
h-index

839539

18  
g-index

25  
all docs

25  
docs citations

25  
times ranked

150  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study of the effect of temperature and velocity in channel forming of polyvinyl chloride composite reinforced by 3D-fiberglass with an aluminum middle layer. <i>SN Applied Sciences</i> , 2022, 4, 1.	2.9	2
2	Thermal Properties of Mg-B4C Micro and Nanocomposites Fabricated by Static and Dynamic Compaction Methods. <i>Transactions of the Indian Institute of Metals</i> , 2022, 75, 2139-2148.	1.5	1
3	A study on damage evolution in Cu-TiO <sub>2</sub> composite fabricated using powder metallurgy followed by hot extrusion. <i>Materials Chemistry and Physics</i> , 2022, 290, 126140.	4.0	10
4	Experimental study on mechanical and tribology behaviors of Mg-SiC nano/micro composite produced by friction stir process. <i>Journal of Mechanical Science and Technology</i> , 2021, 35, 1121-1127.	1.5	17
5	Comprehensive study on quasi-static and dynamic mechanical properties and wear behavior of Mg-B <sub>4</sub> C composite compacted at several loading rates through powder metallurgy. <i>Transactions of Nonferrous Metals Society of China</i> , 2021, 31, 371-381.	4.2	19
6	Effect of glass, carbon, and kevlar fibers on mechanical properties for polymeric composite tubes produced by a unidirectional winding method. <i>Materials Research Express</i> , 2021, 8, 045301.	1.6	14
7	The experimental analysis of creep and corrosion properties of polymeric tube reinforced by glass, carbon and Kevlar fibers. <i>Materials Research Express</i> , 2021, 8, 065307.	1.6	3
8	The experimental investigation of hardness and wear behaviors of inner surface of the resin tubes reinforced by fibers. <i>Results in Engineering</i> , 2021, 11, 100273.	5.1	5
9	Determination of tensile behavior of hot-pressed Mg-TiO <sub>2</sub> and Mg-ZrO <sub>2</sub> nanocomposites using indentation test and a holistic inverse modeling technique. <i>Journal of Materials Research and Technology</i> , 2021, 14, 2107-2114.	5.8	15
10	On the effect of compaction velocity, size, and content of reinforcing particles on corrosion resistance of Mg-B <sub>4</sub> C composites. <i>Materials Chemistry and Physics</i> , 2021, 271, 124946.	4.0	22
11	Effects of Nano and Micro Size of MgO on Mechanical Properties, Wear, and Corrosion of Magnesium Matrix Composite. <i>Strength of Materials</i> , 2021, 53, 983-997.	0.5	6
12	Simultaneous effects of strain rate and temperature on mechanical response of fabricated Mg-SiC nanocomposite. <i>Journal of Composite Materials</i> , 2020, 54, 659-668.	2.4	13
13	The effect of the double-action pressure on the physical, mechanical and tribology properties of Mg-WO <sub>3</sub> nanocomposites. <i>Journal of Materials Research and Technology</i> , 2020, 9, 1104-1118.	5.8	21
14	The effect of particle size on microstructure, relative density and indentation load of Mg-B <sub>4</sub> C composites fabricated at different loading rates. <i>Journal of Composite Materials</i> , 2020, 54, 2297-2311.	2.4	26
15	Investigation on the mechanical behavior of fiber-metal laminates based on polyvinyl chloride reinforced by 3D glass fibers. <i>Materials Today Communications</i> , 2020, 25, 101273.	1.9	10
16	Mechanical characterization of Mg-B <sub>4</sub> C nanocomposite fabricated at different strain rates. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2020, 27, 252-263.	4.9	28
17	Mechanical and physical characterization of Mg-TiO <sub>2</sub> and Mg-ZrO <sub>2</sub> nanocomposites produced by hot-pressing. <i>Materials Chemistry and Physics</i> , 2020, 246, 122844.	4.0	25
18	Experimental determining the mechanical and stiffness properties of natural rubber FRT triangle elastic joint composite reinforcement by glass fibers and micro/nano particles. <i>Polymer Testing</i> , 2020, 85, 106461.	4.8	14

#	ARTICLE	IF	CITATIONS
19	The effect of Al <sub>2</sub> O <sub>3</sub> content on tribology and corrosion properties of Mg-Al <sub>2</sub> O <sub>3</sub> nanocomposites produced by single and double-action press. <i>Materials Chemistry and Physics</i> , 2020, 250, 123058.	4.0	23
20	The effect of cold and hot pressing on mechanical properties and tribological behavior of Mg-Al <sub>2</sub> O <sub>3</sub> nanocomposites. <i>Materials Research Express</i> , 2020, 7, 085012.	1.6	15
21	Determination of length to diameter ratio of the bars in torsional Split Hopkinson bar. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 143, 144-154.	5.0	6
22	The effect of compaction loading rate on hardness and wear resistance of Mg-B <sub>4</sub> C nanocomposite. <i>Materials Research Express</i> , 2019, 6, 125081.	1.6	17
23	Temperature effect on mechanical and tribological characterization of Mg-SiC nanocomposite fabricated by high rate compaction. <i>Materials Research Express</i> , 2018, 5, 015046.	1.6	24
24	A novel approach for dynamic compaction of Mg-SiC nanocomposite powder using a modified Split Hopkinson Pressure Bar. <i>Powder Metallurgy</i> , 2018, 61, 164-177.	1.7	16