

Hamid Reza Baharvandi

List of Publications by Year in descending order

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citations

759233

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21
all docs

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docs citations

21
times ranked

284
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of graphene addition on the properties of SiC ceramics—a review. Journal of the Australian Ceramic Society, 2022, 58, 437-460.	1.9	6
2	Experimental investigation and validation on the effect of nickel addition on properties of the pressureless sintered boron carbide composites using machine learning models. Ceramics International, 2022, 48, 13205-13215.	4.8	4
3	Pressureless sintering of SiC matrix composites reinforced with nano- SiC and graphene. Journal of the Korean Ceramic Society, 2022, 59, 729-741.	2.3	2
4	The effect of $\text{AlN-Y}_2\text{O}_3$ compound on properties of pressureless sintered SiC ceramics-A review. International Journal of Refractory Metals and Hard Materials, 2021, 95, 105420.	3.8	15
5	Improvement toughness of SiC ceramic by adding Cr_2O_3 and annealing process. Journal of the Australian Ceramic Society, 2021, 57, 1097-1106.	1.9	2
6	The effect of nano- TiO_2 additions on the densification and mechanical properties of SiC-matrix composite. Ceramics International, 2020, 46, 6477-6483.	4.8	10
7	Effect of in situ VSi_2 and SiC phases on the sintering behavior and the mechanical properties of HfB_2 -based composites. Scientific Reports, 2020, 10, 16540.	3.3	16
8	Thermodynamical evaluation, microstructural characterization and mechanical properties of $\text{B}_4\text{C-TiB}_2$ nanocomposite produced by in-situ reaction of Nano- TiO_2 . Ceramics International, 2020, 46, 26970-26984.	4.8	17
9	The effect of Cr_2O_3 additions on sinterability and mechanical properties of liquid-phase sintered SiC ceramics. Journal of Alloys and Compounds, 2020, 829, 154501.	5.5	14
10	Fabrication of SiC bodies by optimized gel-casting method. International Journal of Refractory Metals and Hard Materials, 2019, 81, 225-232.	3.8	14
11	Effects of different sintering methods on the properties of SiC-TiC, SiC-TiB ₂ composites. International Journal of Refractory Metals and Hard Materials, 2018, 70, 19-31.	3.8	58
12	Electroless nickel-boron coating on $\text{B}_4\text{C-Nano TiB}_2$ composite powders. International Journal of Refractory Metals and Hard Materials, 2018, 76, 58-71.	3.8	7
13	The effect of TiO_2 additive on the electrical resistivity and mechanical properties of pressureless sintered SiC ceramics with $\text{Al}_2\text{O}_3\text{-Y}_2\text{O}_3$. International Journal of Refractory Metals and Hard Materials, 2018, 76, 141-148.	3.8	17
14	Effects of ZrC content on the synthesis of MAX phase and mechanical properties of Cf-C-SiC-Ti ₃ SiC ₂ -ZrC composites. Ceramics International, 2018, 44, 18039-18047.	4.8	5
15	The effect of TiO_2 additive on sinterability and properties of SiC- $\text{Al}_2\text{O}_3\text{-Y}_2\text{O}_3$ composite system. Ceramics International, 2018, 44, 16535-16542.	4.8	18
16	Studying the mechanical properties of composites made of Kenaf-Nylon 66 fabric, silica nanoparticles, and epoxy resin. Polymer Composites, 2016, 37, 674-683.	4.6	9
17	Effect of silica weight fraction on rheological and quasi-static puncture characteristics of shear thickening fluid-treated Twaron® composite. Journal of Industrial Textiles, 2016, 46, 473-494.	2.4	20
18	Comparing the effects of different sintering methods for ceramics on the physical and mechanical properties of $\text{B}_4\text{C-TiB}_2$ nanocomposites. International Journal of Refractory Metals and Hard Materials, 2015, 51, 224-232.	3.8	49

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19	Investigating the quasi-static puncture resistance of p-aramid nanocomposite impregnated with the shear thickening fluid. <i>Journal of Reinforced Plastics and Composites</i> , 2014, 33, 2064-2072.	3.1	18
20	DENSIFICATION AND MECHANICAL PROPERTIES OF TiB ₂ -SiC NANOCOMPOSITE WITH SILICON CARBAID AS A SINTERING AID. <i>International Journal of Modern Physics Conference Series</i> , 2012, 05, 598-606.	0.7	5
21	Processing and Mechanical Properties of Boron Carbide-Titanium Diboride Ceramic Matrix Composites. <i>Applied Composite Materials</i> , 2006, 13, 191-198.	2.5	38