

Ali Mohammad Hadian

List of Publications by Year in descending order

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papers

416
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759233

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24
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402
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and optimization of compressive strength and bulk density of metakaolin-based geopolymer using central composite design: A numerical and experimental study. <i>Ceramics International</i> , 2017, 43, 324-335.	4.8	53
2	Pressureless Sintering of TiB ₂ -B ₄ C Ceramic Matrix Composite. <i>Journal of Materials Engineering and Performance</i> , 2008, 17, 838-841.	2.5	44
3	Effect of brazing time on microstructure and mechanical properties of cubic boron nitride/steel joints. <i>Ceramics International</i> , 2014, 40, 8519-8524.	4.8	43
4	Synthesis and sintering of TiB ₂ nanoparticles. <i>Ceramics International</i> , 2014, 40, 15775-15782.	4.8	39
5	The Effect of Time, Temperature and Composition on Boron Carbide Synthesis by Sol-gel Method. <i>Journal of Materials Engineering and Performance</i> , 2008, 17, 44-49.	2.5	34
6	Studies on preparation, characterisation and ion conductivity of TI-CU double substituted Bi ₄ V ₂ O ₁₁ . <i>Journal of the European Ceramic Society</i> , 2001, 21, 1821-1824.	5.7	31
7	The effects of zirconia addition on sintering behavior, mechanical properties and ion conductivity of BICUVOX.1 material. <i>Journal of the European Ceramic Society</i> , 2001, 21, 1825-1829.	5.7	26
8	Sintering of Al ₂ O ₃ -TiB ₂ nano-composite derived from milling assisted sol-gel method. <i>International Journal of Refractory Metals and Hard Materials</i> , 2012, 33, 58-64.	3.8	25
9	Strength and Microstructure of Silicon Nitride Ceramics Brazed with Nickel-Chromium-Silicon Alloys. <i>Journal of the American Ceramic Society</i> , 1996, 79, 659-665.	3.8	24
10	Preparation of alumina/titanium diboride nano-composite powder by milling assisted sol-gel method. <i>International Journal of Refractory Metals and Hard Materials</i> , 2012, 31, 121-124.	3.8	17
11	Diffusion bonding of alumina using interlayer of mixed hydride nano powders. <i>Ceramics International</i> , 2014, 40, 3011-3021.	4.8	13
12	Investigation on Addition of Talc on Sintering Behavior and Mechanical Properties of B ₄ C. <i>Journal of Materials Engineering and Performance</i> , 2006, 15, 280-283.	2.5	12
13	Wettability of zirconia by feldspathic veneer in dental restorations: Effect of firing atmosphere and surface roughness. <i>Ceramics International</i> , 2018, 44, 4307-4312.	4.8	12
14	Effects of milling time and temperature on phase evolution of AISI 316 stainless steel powder and subsequent sintering. <i>Journal of Alloys and Compounds</i> , 2018, 766, 341-348.	5.5	11
15	Effect of time and temperature on TLP bonding of alumina using a bismuth oxide interlayer. <i>Ceramics International</i> , 2016, 42, 1705-1712.	4.8	10
16	Investigation on Addition of Kaolinite on Sintering Behavior and Mechanical Properties of B ₄ C. <i>Journal of Materials Engineering and Performance</i> , 2009, 18, 433-437.	2.5	9
17	Study of interface interactions in B ₄ C/Ni-Cr-Si system. <i>Applied Surface Science</i> , 2010, 257, 628-634.	6.1	8
18	Mechano-Chemical Synthesis of TiB ₂ -Al ₂ O ₃ -TiO ₂ -B ₄ C Nano-Composite by Reaction between TiO ₂ , B ₂ O ₃ and Al. <i>Advanced Materials Research</i> , 0, 488-489, 955-959.	0.3	2

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19	Brazing of Silicon Nitride Ceramics. Key Engineering Materials, 1994, 89-91, 757-762.	0.4	1
20	Interfacial Phenomena in Brazing of a Stainless Steel Face Sheet to a Honeycomb Core. Advanced Materials Research, 0, 83-86, 1236-1242.	0.3	1
21	Interfacial Examination of Cu/Al Joints Using Ultrafine Al-Si Powder as Brazing Filler Metal. Advanced Materials Research, 2013, 829, 52-56.	0.3	1
22	Oxygen Pumping Characteristics of Cu-Ti Double Substituted Bismuth Vanadate. Key Engineering Materials, 2002, 206-213, 1235-1238.	0.4	0
23	Combustion Synthesis and Sintering of Ti ₂ Al ₂ O ₃ Composites; Investigating the Effects of Different Al-Content as a Precursor. Advanced Materials Research, 0, 829, 549-553.	0.3	0
24	The effect of brazing parameters on corrosion behavior of brazed aluminum joints. AIP Conference Proceedings, 2018, , .	0.4	0