

Sumin Zhu

List of Publications by Year in descending order

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13
papers

1,473
citations

687363

13
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

853
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of silicon carbide particle size on the microstructure and mechanical properties of zirconium diboride-silicon carbide ceramics. <i>Journal of the European Ceramic Society</i> , 2007, 27, 2077-2083.	5.7	283
2	Pressureless Sintering of Zirconium Diboride: Particle Size and Additive Effects. <i>Journal of the American Ceramic Society</i> , 2008, 91, 1398-1404.	3.8	187
3	Pressureless Sintering of Zirconium Diboride Using Boron Carbide and Carbon Additions. <i>Journal of the American Ceramic Society</i> , 2007, 90, 3660-3663.	3.8	156
4	Pressureless sintering of carbon-coated zirconium diboride powders. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2007, 459, 167-171.	5.6	152
5	Fabrication of mullite-bonded porous silicon carbide ceramics by in situ reaction bonding. <i>Journal of the European Ceramic Society</i> , 2007, 27, 2095-2102.	5.7	133
6	Effect of Y ₂ O ₃ addition on the properties of reaction-bonded porous SiC ceramics. <i>Ceramics International</i> , 2006, 32, 461-466.	4.8	119
7	Low-temperature fabrication of porous SiC ceramics by preceramic polymer reaction bonding. <i>Materials Letters</i> , 2005, 59, 595-597.	2.6	110
8	Microwave sintering of a ZrB ₂ -B ₄ C particulate ceramic composite. <i>Composites Part A: Applied Science and Manufacturing</i> , 2008, 39, 449-453.	7.6	69
9	Enhanced densification and mechanical properties of ZrB ₂ -SiC processed by a preceramic polymer coating route. <i>Scripta Materialia</i> , 2008, 59, 123-126.	5.2	68
10	In Situ Growth of beta-SiC Nanowires in Porous SiC Ceramics. <i>Journal of the American Ceramic Society</i> , 2005, 88, 2619-2621.	3.8	63
11	Preparation and characterization of SiC/cordierite composite porous ceramics. <i>Ceramics International</i> , 2007, 33, 115-118.	4.8	57
12	Oxidation of ZrB ₂ -SiC Ultrahigh-Temperature Ceramic Composites in Dissociated Air. <i>Journal of Thermophysics and Heat Transfer</i> , 2009, 23, 267-278.	1.6	52
13	Optical Emission Spectroscopy During Plasmatron Testing of ZrB ₂ -SiC Ultrahigh-Temperature Ceramic Composites. <i>Journal of Thermophysics and Heat Transfer</i> , 2009, 23, 279-285.	1.6	24