

Chuchu Guo

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,430
citations

687363

13
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

1294
citing authors

#	ARTICLE	IF	CITATIONS
1	Electromagnetic properties of Si ₃ N ₄ based ceramics and composites. International Materials Reviews, 2014, 59, 326-355.	19.3	499
2	Synthesis and microwave absorption properties of SiC nanowires reinforced SiOC ceramic. Journal of the European Ceramic Society, 2014, 34, 257-266.	5.7	222
3	Mechanical and electromagnetic shielding properties of carbon fiber reinforced silicon carbide matrix composites. Carbon, 2015, 95, 10-19.	10.3	176
4	The applications of carbon nanotubes and graphene in advanced rechargeable lithium batteries. Journal of Materials Chemistry A, 2016, 4, 8932-8951.	10.3	114
5	Preparation of titanium carbide nanowires for application in electromagnetic wave absorption. Journal of Alloys and Compounds, 2014, 596, 132-139.	5.5	89
6	Carbon/silicon carbide composites prepared by chemical vapor infiltration combined with silicon melt infiltration. Carbon, 1999, 37, 1179-1187.	10.3	85
7	Dielectric, Electromagnetic Interference Shielding and Absorption Properties of Si ₃ N ₄ /PyC Composite Ceramics. Journal of Materials Science and Technology, 2013, 29, 249-254.	10.7	49
8	Influence of temperature on dielectric properties and microwave absorbing performances of TiC nanowires/SiO ₂ composites. Ceramics International, 2014, 40, 15391-15397.	4.8	49
9	Fabrication of Si ₃ N ₄ /SiBC composite ceramic and its excellent electromagnetic properties. Journal of the European Ceramic Society, 2012, 32, 4025-4029.	5.7	34
10	Crystallization Mechanism of CVD Si ₃ N ₄ Composite Ceramics Annealed in N ₂ Atmosphere and Their Excellent EMW Absorption Properties. Journal of the American Ceramic Society, 2016, 99, 2672-2679.	3.8	30
11	Controlled fabrication of TiC nanocrystal clusters on surface of Ti particles for application in electromagnetic wave absorption. Journal of Alloys and Compounds, 2015, 622, 282-287.	5.5	26
12	Improvement of the strength and toughness of carbon fiber/SiC composites via chemical vapor infiltration-grown SiC nanowire interphases. Ceramics International, 2018, 44, 2311-2319.	4.8	24
13	Designable density defect influencing the mechanical property of 3D needled C/SiC composites. Journal of Alloys and Compounds, 2019, 806, 1453-1464.	5.5	19
14	Depositing CNTs on the interface and surface of C/PyC/SiCs for tunable mechanical and electromagnetic properties. Ceramics International, 2019, 45, 23411-23417.	4.8	11
15	Dielectric and microwave absorption properties of polymer-derived TiC/SiC/SiOC multiphase ceramics in X band. International Journal of Applied Ceramic Technology, 0, , .	2.1	3
16	Fiber reinforced SiC ceramic helical spring for high elasticity and large deformation at high temperature. International Journal of Applied Ceramic Technology, 2022, 19, 1583-1593.	2.1	0