

Rui Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8060231/publications.pdf>

Version: 2024-02-01

10
papers

167
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

136
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible PEBAx/graphene electromagnetic shielding composite films with a negative pressure effect of resistance for pressure sensors applications. RSC Advances, 2020, 10, 1535-1543.	3.6	29
2	Multifunctional SiC nanofiber aerogel with superior electromagnetic wave absorption. Ceramics International, 2022, 48, 25140-25150.	4.8	26
3	Investigation on the growth mechanism of SiC whiskers during microwave synthesis. Physical Chemistry Chemical Physics, 2018, 20, 25799-25805.	2.8	25
4	Facile preparation of ultralight polymer-derived Si ₃ OCN ceramic aerogels with hierarchical pore structure. Journal of the American Ceramic Society, 2019, 102, 2316-2324.	3.8	23
5	Synthesis of Ag/rGO composite materials with antibacterial activities using facile and rapid microwave-assisted green route. Journal of Materials Science: Materials in Medicine, 2018, 29, 69.	3.6	21
6	Preparation of Al ₂ O ₃ -mullite thermal insulation materials with Al ₃ and SiC as aids by microwave sintering. International Journal of Applied Ceramic Technology, 2020, 17, 2250-2258.	2.1	13
7	Ti ₃ C ₂ T _x /rGO aerogel towards high electromagnetic wave absorption and thermal resistance. CrystEngComm, 2022, 24, 4556-4563.	2.6	13
8	MXene-based hybrid system exhibits excellent synergistic antibiosis. Nanotechnology, 2022, 33, 085101.	2.6	7
9	Preparation and properties of dense ZrB ₂ composite reinforced by elongated SiC and Al ₃ BC ₃ grains. International Journal of Applied Ceramic Technology, 2019, 16, 2190-2196.	2.1	5
10	Preparation of spherical Al ₂ O ₃ nanoparticles by microwave hydrothermal synthesis and addition of nano-Al seeds. Journal of the American Ceramic Society, 2022, 105, 5585-5597.	3.8	5