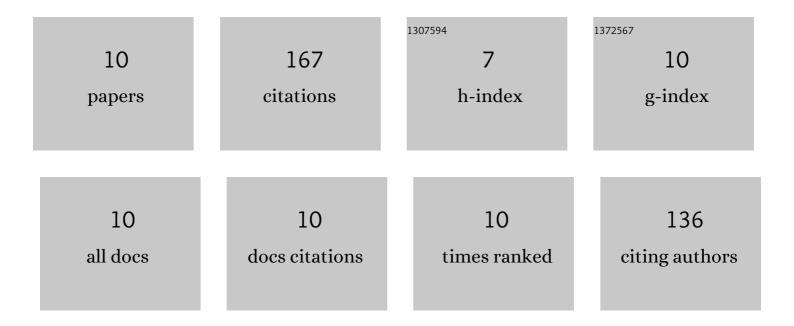
## Rui Zhang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8060231/publications.pdf Version: 2024-02-01



#	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 polymerâ€derived Si <scp>OCN</scp> 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 <sub>2</sub> O <sub>3</sub> â€mullite thermal insulation materials with AlF <sub>3</sub> and SiC as aids by microwave sintering. International Journal of Applied Ceramic Technology, 2020, 17, 2250-2258.	2.1	13
7	Ti <sub>3</sub> C <sub>2</sub> T <sub><i>x</i></sub> /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 <sub>2</sub> composite reinforced by elongated SiC and Al <sub>3</sub> BC <sub>3</sub> grains. International Journal of Applied Ceramic Technology, 2019, 16, 2190-2196.	2.1	5
10	Preparation of spherical αâ€Al <sub>2</sub> O <sub>3</sub> nanoparticles by microwave hydrothermal synthesis and addition of nanoâ€Al seeds. Journal of the American Ceramic Society, 2022, 105, 5585-5597.	3.8	5