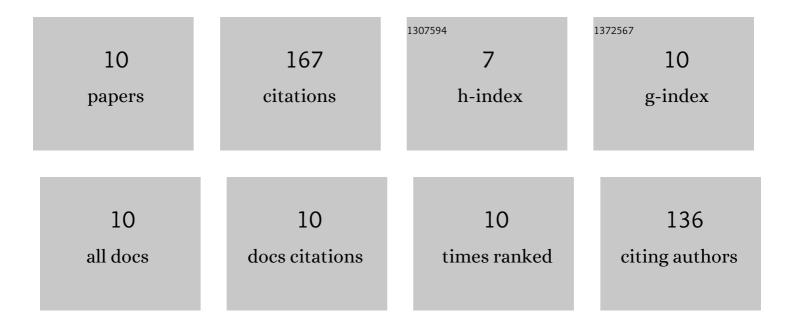
## Rui Zhang

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<br>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<br>AlF <sub>3</sub> and SiC as aids by microwave sintering. International Journal of Applied Ceramic<br>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<br>Al <sub>3</sub> BC <sub>3</sub> grains. International Journal of Applied Ceramic Technology, 2019, 16,<br>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         |