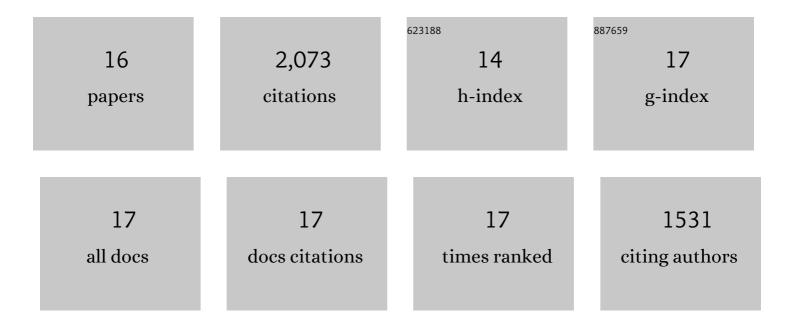
## Huagao Wang

List of Publications by Year in descending order

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| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Graphene-based microwave absorbing composites: A review and prospective. Composites Part B:<br>Engineering, 2018, 137, 260-277.  | 5.9 | 574       |
| 2  | Interface Modulating CNTs@PANi Hybrids by Controlled Unzipping of the Walls of CNTs To Achieve<br>Tunable High-Performance Microwave Absorption. ACS Applied Materials & Interfaces, 2019, 11,<br>12142-12153.                                 | 4.0 | 299       |
| 3  | Carbonized Design of Hierarchical Porous Carbon/Fe <sub>3</sub> O <sub>4</sub> @Fe Derived from<br>Loofah Sponge to Achieve Tunable High-Performance Microwave Absorption. ACS Sustainable<br>Chemistry and Engineering, 2018, 6, 11801-11810. | 3.2 | 256       |
| 4  | Electrospun generation of Ti3C2Tx MXene@graphene oxide hybrid aerogel microspheres for tunable high-performance microwave absorption. Chemical Engineering Journal, 2020, 391, 123512.   | 6.6 | 212       |
| 5  | Magnetic CoFe alloy@C nanocomposites derived from ZnCo-MOF for electromagnetic wave absorption. Chemical Engineering Journal, 2020, 383, 123096.   | 6.6 | 173       |
| 6  | Generation of graphene-based aerogel microspheres for broadband and tunable high-performance microwave absorption by electrospinning-freeze drying process. Nano Research, 2018, 11, 2847-2861.  | 5.8 | 109       |
| 7  | Wheat straw-derived magnetic carbon foams: In-situ preparation and tunable high-performance microwave absorption. Nano Research, 2019, 12, 1423-1429.  | 5.8 | 99        |
| 8  | Two birds with one stone: Graphene oxide@sulfonated polyaniline nanocomposites towards<br>high-performance electromagnetic wave absorption and corrosion protection. Composites Science<br>and Technology, 2021, 204, 108630.                  | 3.8 | 68        |
| 9  | Hybridization-Induced Polarization of Graphene Sheets by Intercalation-Polymerized Polyaniline<br>toward High Performance of Microwave Absorption. ACS Applied Materials & Interfaces, 2019, 11,<br>17100-17107.                               | 4.0 | 64        |
| 10 | Intercalating Hybrids of Sandwich-like Fe <sub>3</sub> O <sub>4</sub> –Graphite: Synthesis and Their<br>Synergistic Enhancement of Microwave Absorption. ACS Sustainable Chemistry and Engineering, 2018,<br>6, 16744-16753.                   | 3.2 | 63        |
| 11 | Two birds with one stone: Superhelical chiral polypyrrole towards high-performance<br>electromagnetic wave absorption and corrosion protection. Chemical Engineering Journal, 2022, 427,<br>131582.  | 6.6 | 62        |
| 12 | Preparation of porous carbon nanofibers with remarkable microwave absorption performance through electrospinning. Materials Letters, 2019, 249, 210-213.   | 1.3 | 34        |
| 13 | Intercalation Polymerization Approach for Preparing Graphene/Polymer Composites. Polymers, 2018, 10, 61.   | 2.0 | 28        |
| 14 | Regenerated and rotation-induced cellulose-wrapped oriented CNT fibers for wearable multifunctional sensors. Nanoscale, 2020, 12, 16305-16314.   | 2.8 | 19        |
| 15 | Synthesis of poly(arylene ether nitrile) and carboxyl-functionalized poly(arylene ether nitrile) with<br>high thermal stability and their thermal decomposition kinetics. High Performance Polymers, 2019, 31,<br>743-752.                     | 0.8 | 6         |
| 16 | Recent advances in surfaceâ€functionalised photosensitive antibacterials with synergistic effects.<br>Biosurface and Biotribology, 2019, 5, 97-103.  | 0.6 | 2         |