

Minghang Li

List of Publications by Citations

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32
papers

1,367
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34
ext. papers

1,927
ext. citations

7.8
avg, IF

5.08
L-index

#	Paper	IF	Citations
32	Lightweight TiCT MXene/Poly(vinyl alcohol) Composite Foams for Electromagnetic Wave Shielding with Absorption-Dominated Feature. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 10198-10207	9.5	266
31	Mesoporous carbon hollow microspheres with red blood cell like morphology for efficient microwave absorption at elevated temperature. <i>Carbon</i> , 2018 , 132, 343-351	10.4	189
30	Constructing hollow graphene nano-spheres confined in porous amorphous carbon particles for achieving full X band microwave absorption. <i>Carbon</i> , 2019 , 142, 346-353	10.4	178
29	Ultralight MXene-Coated, Interconnected SiCnws Three-Dimensional Lamellar Foams for Efficient Microwave Absorption in the X-Band. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 34524-34533	9.5	110
28	2D carbide MXene Ti2CTX as a novel high-performance electromagnetic interference shielding material. <i>Carbon</i> , 2019 , 146, 210-217	10.4	92
27	Constructing a tunable heterogeneous interface in bimetallic metal-organic frameworks derived porous carbon for excellent microwave absorption performance. <i>Carbon</i> , 2019 , 148, 421-429	10.4	70
26	Controllable synthesis of mesoporous carbon hollow microsphere twined by CNT for enhanced microwave absorption performance. <i>Journal of Materials Science and Technology</i> , 2020 , 59, 164-172	9.1	70
25	Ultralight Cellular Foam from Cellulose Nanofiber/Carbon Nanotube Self-Assemblies for Ultrabroad-Band Microwave Absorption. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 22628-22636	9.5	62
24	Controllable synthesis of defective carbon nanotubes/Sc2Si2O7 ceramic with adjustable dielectric properties for broadband high-performance microwave absorption. <i>Carbon</i> , 2019 , 147, 276-283	10.4	59
23	Reduced Graphene Oxide/Silicon Nitride Composite for Cooperative Electromagnetic Absorption in Wide Temperature Spectrum with Excellent Thermal Stability. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 5364-5372	9.5	33
22	A sheath-core shaped ZrO2-SiC/SiO2 fiber felt with continuously distributed SiC for broad-band electromagnetic absorption. <i>Chemical Engineering Journal</i> , 2021 , 419, 129414	14.7	33
21	Tunable dielectric properties of mesoporous carbon hollow microspheres via textural properties. <i>Nanotechnology</i> , 2018 , 29, 184003	3.4	31
20	A novel SiC-based microwave absorption ceramic with Sc2Si2O7 as transparent matrix. <i>Journal of the European Ceramic Society</i> , 2018 , 38, 4189-4197	6	31
19	Gelatin-derived N-doped hybrid carbon nanospheres with an adjustable porous structure for enhanced electromagnetic wave absorption. <i>Advanced Composites and Hybrid Materials</i> , 2019 , 1, 1-11	8.7	26
18	Interface evolution of a C/ZnO absorption agent annealed at elevated temperature for tunable electromagnetic properties. <i>Journal of the American Ceramic Society</i> , 2019 , 102, 5305-5315	3.8	20
17	In-situ growth of wafer-like Ti3C2/Carbon nanoparticle hybrids with excellent tunable electromagnetic absorption performance. <i>Composites Part B: Engineering</i> , 2020 , 202, 108408	10	15
16	Thermal stability and dielectric properties of 2D Ti2C MXenes via annealing under a gas mixture of Ar and H2 atmosphere. <i>Functional Composites and Structures</i> , 2019 , 1, 015002	3.5	9

15	Enhanced electromagnetic wave absorption properties of a novel SiC nanowires reinforced SiO ₂ /3Al ₂ O ₃ /SiO ₂ porous ceramic. <i>Ceramics International</i> , 2020 , 46, 22474-22481	5.1	9
14	Electromagnetic interference shielding Ti ₃ C ₂ T-bonded carbon black films with enhanced absorption performance. <i>Chinese Chemical Letters</i> , 2020 , 31, 1026-1029	8.1	9
13	Structure and electromagnetic properties of Ti ₃ C ₂ T _x MXene derived from Ti ₃ AlC ₂ with different microstructures. <i>Ceramics International</i> , 2021 , 47, 13628-13634	5.1	8
12	Electromagnetic wave absorption properties of Ti ₃ C ₂ T _x nanosheets modified with in-situ growth carbon nanotubes. <i>Carbon</i> , 2021 , 183, 322-331	10.4	8
11	Design and fabrication of silicon carbides reinforced composite with excellent radar absorption property in X and Ku band. <i>Journal Physics D: Applied Physics</i> , 2019 , 52, 435102	3	7
10	A lightweight CNWs-SiO ₂ /3Al ₂ O ₃ /SiO ₂ porous ceramic with excellent microwave absorption and thermal insulation properties. <i>Ceramics International</i> , 2020 , 46, 20395-20403	5.1	6
9	Carbon nanowires reinforced porous SiO ₂ /3Al ₂ O ₃ /SiO ₂ ceramics with tunable electromagnetic absorption properties. <i>Ceramics International</i> , 2019 , 45, 11316-11324	5.1	5
8	Ti ₃ C ₂ T/MoS Self-Rolling Rod-Based Foam Boosts Interfacial Polarization for Electromagnetic Wave Absorption.. <i>Advanced Science</i> , 2022 , e2201118	13.6	5
7	A reduced graphene oxide/bi-MOF-derived carbon composite as high-performance microwave absorber with tunable dielectric properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 11774-11783	2.1	4
6	Additive manufacturing of nanocellulose/polyborosilazane derived CNFs-SiBCN ceramic metamaterials for ultra-broadband electromagnetic absorption. <i>Chemical Engineering Journal</i> , 2021 , 433, 133743	14.7	4
5	Synthesis of SiCN aligned nanofibers with preminent electromagnetic wave absorption in ultra-broad band. <i>Journal of Materials Chemistry C</i> ,	7.1	2
4	Protein-Derived Hybrid Carbon Nanospheres with Tunable Microwave Absorbing Performance in the X-Band. <i>ACS Applied Electronic Materials</i> , 2021 , 3, 2685-2693	4	2
3	Natural wood templated hierarchically cellular NbC/Pyrolytic carbon foams as Stiff, lightweight and High-Performance electromagnetic shielding materials. <i>Journal of Colloid and Interface Science</i> , 2022 , 606, 1543-1553	9.3	2
2	A SiC nanowires/Ba _{0.75} Sr _{0.25} Al ₂ Si ₂ O ₈ ceramic heterojunction for stable electromagnetic absorption under variable-temperature. <i>Journal of Materials Science and Technology</i> , 2022 , 125, 29-37	9.1	1
1	Low Infrared Emissivity and Strong Stealth of Ti-Based MXenes. <i>Research</i> , 2022 , 2022, 1-7	7.8	1