

Man He

List of Publications by Year in descending order

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59
papers

2,558
citations

257101

24
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189595

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times ranked

2894
citing authors

#	ARTICLE	IF	CITATIONS
1	Rime-like carbon paper@Bi ₂ S ₃ hybrid structure for efficient and broadband microwave absorption. <i>Chemical Engineering Journal</i> , 2022, 428, 131127.	6.6	39
2	Low-temperature carbonized biomimetic cellulose nanofiber/MXene composite membrane with excellent microwave absorption performance and tunable absorption bands. <i>Chemical Engineering Journal</i> , 2022, 433, 133269.	6.6	55
3	Lightweight TiO ₂ @C/Carbon Fiber Aerogels Prepared from Ti ₃ C ₂ T _x /Cotton for High-Efficiency Microwave Absorption. <i>Langmuir</i> , 2022, 38, 945-956.	1.6	19
4	Spider web-like carbonized bacterial cellulose/MoSe ₂ nanocomposite with enhanced microwave attenuation performance and tunable absorption bands. <i>Nano Research</i> , 2021, 14, 738-746.	5.8	70
5	Biomimetic 3D coral reef-like GO@TiO ₂ composite framework inlaid with TiO ₂ @C for low-frequency electromagnetic wave absorption. <i>Carbon</i> , 2021, 178, 144-156.	5.4	26
6	Cellulose-based porous polymer film with auto-deposited TiO ₂ as spectrally selective materials for passive daytime radiative cooling. <i>Optical Materials</i> , 2021, 120, 111431.	1.7	26
7	Metal-organic frameworks self-templated cubic hollow Co/N/C@MnO ₂ composites for electromagnetic wave absorption. <i>Carbon</i> , 2020, 156, 378-388.	5.4	111
8	Flower-like CoS hierarchitectures@polyaniline organic-inorganic heterostructured composites: Preparation and enhanced microwave absorption performance. <i>Composites Science and Technology</i> , 2020, 200, 108403.	3.8	54
9	Fe-Doped Mesoporous Alumina: Facile One-Pot Synthesis, Modified Surface-Acidity and Its Enhanced Catalytic Performance in Phenol Hydroxylation. <i>Catalysis Letters</i> , 2020, 150, 2273-2282.	1.4	2
10	Snail shell-shaped chiral substituted helical polyacetylene: preparation, characterization and infrared emissivity performance. <i>Journal of Materials Science</i> , 2019, 54, 14243-14254.	1.7	1
11	Self-Assembled 3D Flower-like Composites of Heterobimetallic Phosphides and Carbon for Temperature-Tailored Electromagnetic Wave Absorption. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 38361-38371.	4.0	90
12	Preparation and characterization of UV-curable fluorine-silicon block urethane acrylates for application in release films. <i>Progress in Organic Coatings</i> , 2019, 129, 171-177.	1.9	12
13	Electromagnetic wave absorption properties in the centimetre-band of Ti ₃ C ₂ T _x MXenes with diverse etching time. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 8078-8088.	1.1	59
14	Enhanced mechanical properties of silica nanoparticle-covered cross-linking graphene oxide filled thermoplastic polyurethane composite. <i>New Journal of Chemistry</i> , 2018, 42, 3069-3077.	1.4	29
15	Infrared emissivity property study and conformational analysis of helical polysilane. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46335.	1.3	3
16	Hybridizing polypyrrole chains with laminated and two-dimensional Ti ₃ C ₂ T _x toward high-performance electromagnetic wave absorption. <i>Applied Surface Science</i> , 2018, 434, 283-293.	3.1	140
17	Rational Construction of Ti ₃ C ₂ T _x /Co-MOF-Derived Laminated Co/TiO ₂ -C Hybrids for Enhanced Electromagnetic Wave Absorption. <i>Langmuir</i> , 2018, 34, 15854-15863.	1.6	99
18	Ionic liquid-assisted synthesis of porous BiOBr microspheres with enhanced visible light photocatalytic performance. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4596.	1.7	13

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19	Three-Dimensional Hierarchical Architecture of the TiO ₂ /Ti ₃ C ₂ T _x /RGO Ternary Composite Aerogel for Enhanced Electromagnetic Wave Absorption. ACS Sustainable Chemistry and Engineering, 2018, 6, 8212-8222.	3.2	128
20	Highly Cuboid-Shaped Heterobimetallic Metal-Organic Frameworks Derived from Porous Co/ZnO/C Microrods with Improved Electromagnetic Wave Absorption Capabilities. ACS Applied Materials & Interfaces, 2018, 10, 29136-29144.	4.0	282
21	Synthesis of Amphiphilic Copolymers Containing Ciprofloxacin and Amine Groups and Their Antimicrobial Performances As Revealed by Confocal Laser-Scanning Microscopy and Atomic-Force Microscopy. Journal of Agricultural and Food Chemistry, 2018, 66, 8406-8414.	2.4	6
22	Microwave absorption and infrared emissivity of helical polyacetylene@multiwalled carbon nanotubes composites. Journal of Materials Science: Materials in Electronics, 2017, 28, 8601-8610.	1.1	27
23	Fabrication and microwave absorption of multiwalled carbon nanotubes anchored with CoS nanoplates. Journal of Materials Science: Materials in Electronics, 2017, 28, 7622-7632.	1.1	24
24	Solvothermal fabrication of CoS nanoparticles anchored on reduced graphene oxide for high-performance microwave absorption. Synthetic Metals, 2017, 224, 46-55.	2.1	55
25	Facile microwave approach to controllable boron nitride quantum dots. Journal of Materials Science, 2017, 52, 13522-13532.	1.7	24
26	Helical polysilane coating onto hollow spherical indium oxide: Fabrication, characterization and infrared emissivity property study. Journal of Alloys and Compounds, 2017, 727, 318-325.	2.8	5
27	Synthesis of organosiloxane-coated SiO ₂ /CeO ₂ with multilayered hierarchical structure and its application in optical diffusers. Journal of Materials Science, 2017, 52, 12806-12817.	1.7	16
28	Helical polysilane wrapping onto carbon nanotube: preparation, characterization and infrared emissivity property study. RSC Advances, 2016, 6, 7439-7447.	1.7	9
29	Synthesis of a hollow CeO ₂ /Au/C hierarchical nanostructure for high catalytic activity and recyclability. RSC Advances, 2016, 6, 100427-100436.	1.7	4
30	Solvothermal synthesis of flower-like CoS hollow microspheres with excellent microwave absorption properties. RSC Advances, 2016, 6, 100392-100400.	1.7	49
31	Cellulase-assisted refining of bleached softwood kraft pulp for making water vapor barrier and grease-resistant paper. Cellulose, 2016, 23, 891-900.	2.4	25
32	Amphiphilic cationic copolymers with ciprofloxacin: preparation and antimicrobial activities. New Journal of Chemistry, 2016, 40, 1354-1364.	1.4	11
33	An UV-curable epoxy acrylate oligomer with high refractive index containing fluorene: Preparation, characterization, and application. Journal of Applied Polymer Science, 2015, 132, .	1.3	9
34	Novel design, facile synthesis and low infrared emissivity properties of single-handed helical polysilanes. RSC Advances, 2015, 5, 88548-88555.	1.7	8
35	Fabrication of core-shell structural SiO ₂ @DNA-LDH nanocomposite with low infrared emissivity. Chemical Engineering Journal, 2015, 266, 199-202.	6.6	20
36	Laterally-uniform Mn ₃ O ₄ colloidal nanosheets: oriented growth and size-controlled synthesis. RSC Advances, 2015, 5, 26181-26184.	1.7	1

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37	Effects of soft segments on the waterproof of anionic waterborne polyurethane. <i>Colloid and Polymer Science</i> , 2015, 293, 875-881.	1.0	30
38	Synergic effects of a protic ionic liquid on P123 mixed micelles for inducing hierarchical porous materials. <i>RSC Advances</i> , 2015, 5, 53267-53274.	1.7	6
39	Facile Photochemical Synthesis of Au/Pt/g-C ₃ N ₄ with Plasmon-Enhanced Photocatalytic Activity for Antibiotic Degradation. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 9630-9637.	4.0	589
40	Synthesis of micro/mesoporous silica material by dual-template method as a heterogeneous catalyst support for alkylation. <i>RSC Advances</i> , 2015, 5, 28124-28132.	1.7	18
41	Synthesis, characterization and antimicrobial activities of water-soluble amphiphilic copolymers containing ciprofloxacin and quaternary ammonium salts. <i>Journal of Materials Chemistry B</i> , 2015, 3, 3704-3713.	2.9	27
42	Facile one-step synthesis of micro/mesoporous material with ordered bimodal mesopores templated by protic ionic liquid as a heterogeneous catalyst support for alkylation. <i>Journal of Porous Materials</i> , 2015, 22, 1407-1416.	1.3	13
43	Templated fabrication of biomorphic alumina-based ceramics with hierarchical structure. <i>Journal of the European Ceramic Society</i> , 2015, 35, 1337-1341.	2.8	12
44	Synthesis, helical conformation, and infrared emissivity property study of optically active substituted polyacetylenes derived from serine. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	7
45	Synthesis, helicity, thermal stability, and low infrared emissivity of optically active polyacetylenes carrying tyrosine pendants. <i>Designed Monomers and Polymers</i> , 2014, 17, 701-716.	0.7	1
46	Optically active SiO ₂ /TiO ₂ /polyacetylene multilayered nanospheres: Preparation, characterization, and application for low infrared emissivity. <i>Applied Surface Science</i> , 2014, 288, 444-451.	3.1	42
47	Preparation of optically active substituted polyacetylene@CdSe quantum dots composites and their application for low infrared emissivity. <i>Journal of Materials Science</i> , 2014, 49, 7133-7142.	1.7	5
48	Synthesis and characterization of fluorinated polyimides derived from 1,4-bis-[4-amino-2-(trifluoromethyl)-phenoxy] benzene/tetrafluoride benzene. <i>Designed Monomers and Polymers</i> , 2014, 17, 590-600.	0.7	11
49	Coassembly of exfoliated Ni ²⁺ /In LDHs nanosheets with DNA and infrared emissivity study. <i>Journal of Materials Science</i> , 2014, 49, 6944-6951.	1.7	10
50	Acetate-intercalated Ni ²⁺ /In layered double hydroxides with low infrared emissivity: Synthesis, delamination and restacked to form the multilayer films. <i>Applied Surface Science</i> , 2014, 288, 710-717.	3.1	19
51	Two-dimensional ultrathin nanosheets of Ni ²⁺ /In-layered double hydroxides prepared in water: enhanced performance for DNA adsorption. <i>RSC Advances</i> , 2014, 4, 29968.	1.7	17
52	Synthesis and characterization of ternary copolymer of soluble fluorinated polyimides based on 1,4-bis(4-amino-2-trifluoromethylphenoxy) benzene. <i>Journal of Applied Polymer Science</i> , 2013, 128, 80-88.	1.3	8
53	Biomimetic fabrication of hierarchically structured LDHs/ZnO composites for the separation of bovine serum albumin. <i>Chemical Engineering Journal</i> , 2013, 219, 278-285.	6.6	36
54	Bioinspired, direct synthesis of aqueous CdSe quantum dots for high-sensitive copper(ii) ion detection. <i>Dalton Transactions</i> , 2013, 42, 15411.	1.6	25

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55	Molecular design and synthesis of branched bichromophore-attached linear fluorinated polyimides for nonlinear optical applications. <i>Journal of Materials Science</i> , 2013, 48, 3370-3377.	1.7	8
56	Preparation and characterization of lactate-intercalated Co ²⁺ /Fe layered double hydroxides and exfoliated nanosheet film with low infrared emissivity. <i>Applied Surface Science</i> , 2012, 263, 132-138.	3.1	41
57	The synthesis and optical properties of novel fluorinated polyimides incorporated with highly electro-optic active thiazole and benzothiazole based chromophores. <i>Dyes and Pigments</i> , 2010, 86, 107-114.	2.0	15
58	Synthesis and nonlinear optical properties of soluble fluorinated polyimides containing hetarylazo chromophores with large hyperpolarizability. <i>Polymer</i> , 2009, 50, 3924-3931.	1.8	31
59	Novel nonlinearity ² transparency ² thermal stability trade-off of thiazolylazopyrimidine chromophores for nonlinear optical application. <i>Dyes and Pigments</i> , 2009, 80, 6-10.	2.0	36