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List of Publications by Year
in descending order

59 papers	2,558 citations	257101 24 h-index	189595 50 g-index
59 all docs	59 docs citations	59 times ranked	2894 citing authors

#	Article	IF	Citations
1	Facile Photochemical Synthesis of Au/Pt/g-C₃N₄ with Plasmon-Enhanced Photocatalytic Activity for Antibiotic Degradation. ACS Applied Materials & Interfaces, 2015, 7, 9630-9637.	4.0	589
2	Highly Cuboid-Shaped Heterobimetallic Metalâ€“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
3	Hybridizing polypyrrole chains with laminated and two-dimensional Ti3C2Tx toward high-performance electromagnetic wave absorption. Applied Surface Science, 2018, 434, 283-293.	3.1	140
4	Three-Dimensional Hierarchical Architecture of the TiO₂/Ti₃C₂T_x/RGO Ternary Composite Aerogel for Enhanced Electromagnetic Wave Absorption. ACS Sustainable Chemistry and Engineering, 2018, 6, 8212-8222.	3.2	128
5	Metalâ€'organic frameworks self-templated cubic hollow Co/N/C@MnO2 composites for electromagnetic wave absorption. Carbon, 2020, 156, 378-388.	5.4	111
6	Rational Construction of Ti₃C₂T_x/Co-MOF-Derived Laminated Co/TiO₂-C Hybrids for Enhanced Electromagnetic Wave Absorption. Langmuir, 2018, 34, 15854-15863.	1.6	99
7	Self-Assembled 3D Flower-like Composites of Heterobimetallic Phosphides and Carbon for Temperature-Tailored Electromagnetic Wave Absorption. ACS Applied Materials & Interfaces, 2019, 11, 38361-38371.	4.0	90
8	Spider web-like carbonized bacterial cellulose/MoSe2 nanocomposite with enhanced microwave attenuation performance and tunable absorption bands. Nano Research, 2021, 14, 738-746.	5.8	70
9	Electromagnetic wave absorption properties in the centimetre-band of Ti3C2Tx MXenes with diverse etching time. Journal of Materials Science: Materials in Electronics, 2018, 29, 8078-8088.	1.1	59
10	Solvothermal fabrication of CoS nanoparticles anchored on reduced graphene oxide for high-performance microwave absorption. Synthetic Metals, 2017, 224, 46-55.	2.1	55
11	Low-temperature carbonized biomimetic cellulose nanofiber/MXene composite membrane with excellent microwave absorption performance and tunable absorption bands. Chemical Engineering Journal, 2022, 433, 133269.	6.6	55
12	Flower-like CoS hierarchitectures@polyaniline organic-inorganic heterostructured composites: Preparation and enhanced microwave absorption performance. Composites Science and Technology, 2020, 200, 108403.	3.8	54
13	Solvothermal synthesis of flower-like CoS hollow microspheres with excellent microwave absorption properties. RSC Advances, 2016, 6, 100392-100400.	1.7	49
14	Optically active SiO2/TiO2/polyacetylene multilayered nanospheres: Preparation, characterization, and application for low infrared emissivity. Applied Surface Science, 2014, 288, 444-451.	3.1	42
15	Preparation and characterization of lactate-intercalated Coâ€“Fe layered double hydroxides and exfoliated nanosheet film with low infrared emissivity. Applied Surface Science, 2012, 263, 132-138.	3.1	41
16	Rime-like carbon paper@Bi2S3 hybrid structure for efficient and broadband microwave absorption. Chemical Engineering Journal, 2022, 428, 131127.	6.6	39
17	Novel nonlinearityâ€“transparencyâ€“thermal stability trade-off of thiazolylazopyrimidine chromophores for nonlinear optical application. Dyes and Pigments, 2009, 80, 6-10.	2.0	36
18	Biomimetic fabrication of hierarchically structured LDHs/ZnO composites for the separation of bovine serum albumin. Chemical Engineering Journal, 2013, 219, 278-285.	6.6	36

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19	Synthesis and nonlinear optical properties of soluble fluorinated polyimides containing hetarylazo chromophores with large hyperpolarizability. Polymer, 2009, 50, 3924-3931.	1.8	31
20	Effects of soft segments on the waterproof of anionic waterborne polyurethane. Colloid and Polymer Science, 2015, 293, 875-881.	1.0	30
21	Enhanced mechanical properties of silica nanoparticle-covered cross-linking graphene oxide filled thermoplastic polyurethane composite. New Journal of Chemistry, 2018, 42, 3069-3077.	1.4	29
22	Synthesis, characterization and antimicrobial activities of water-soluble amphiphilic copolymers containing ciprofloxacin and quaternary ammonium salts. Journal of Materials Chemistry B, 2015, 3, 3704-3713.	2.9	27
23	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
24	Biomimetic 3D coral reef-like GO@TiO2 composite framework inlaid with TiO2â€“C for low-frequency electromagnetic wave absorption. Carbon, 2021, 178, 144-156.	5.4	26
25	Cellulose-based porous polymer film with auto-deposited TiO2 as spectrally selective materials for passive daytime radiative cooling. Optical Materials, 2021, 120, 111431.	1.7	26
26	Bioinspired, direct synthesis of aqueous CdSe quantum dots for high-sensitive copper(ii) ion detection. Dalton Transactions, 2013, 42, 15411.	1.6	25
27	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
28	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
29	Facile microwave approach to controllable boron nitride quantum dots. Journal of Materials Science, 2017, 52, 13522-13532.	1.7	24
30	Fabrication of coreâ€“shell structural SiO2@DNAâ€“LDH nanocomposite with low infrared emissivity. Chemical Engineering Journal, 2015, 266, 199-202.	6.6	20
31	Acetate-intercalated Niâ€“In layered double hydroxides with low infrared emissivity: Synthesis, delamination and restacked to form the multilayer films. Applied Surface Science, 2014, 288, 710-717.	3.1	19
32	Lightweight TiO₂@C/Carbon Fiber Aerogels Prepared from Ti₃C₂T_x/Cotton for High-Efficiency Microwave Absorption. Langmuir, 2022, 38, 945-956.	1.6	19
33	Synthesis of micro/mesoporous silica material by dual-template method as a heterogeneous catalyst support for alkylation. RSC Advances, 2015, 5, 28124-28132.	1.7	18
34	Two-dimensional ultrathin nanosheets of Niâ€“In-layered double hydroxides prepared in water: enhanced performance for DNA adsorption. RSC Advances, 2014, 4, 29968.	1.7	17
35	Synthesis of organosiloxane-coated SiO2/CeO2 with multilayered hierarchical structure and its application in optical diffusers. Journal of Materials Science, 2017, 52, 12806-12817.	1.7	16
36	The synthesis and optical properties of novel fluorinated polyimides incorporated with highly electro-optic active thiazole and benzothiazole based chromophores. Dyes and Pigments, 2010, 86, 107-114.	2.0	15

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37	Facile one-step synthesis of micro/mesoporous material with ordered bimodal mesopores templated by protic ionic liquid as a heterogeneous catalyst support for alkylation. Journal of Porous Materials, 2015, 22, 1407-1416.	1.3	13
38	Ionic liquidâ€assisted synthesis of porous BiOBr microspheres with enhanced visible light photocatalytic performance. Applied Organometallic Chemistry, 2018, 32, e4596.	1.7	13
39	Templated fabrication of biomorphic alumina-based ceramics with hierarchical structure. Journal of the European Ceramic Society, 2015, 35, 1337-1341.	2.8	12
40	Preparation and characterization of UV-curable fluorine-silicon block urethane acrylates for application in release films. Progress in Organic Coatings, 2019, 129, 171-177.	1.9	12
41	Synthesis and characterization of fluorinated polyimides derived from 1,4-bis-[4-amino-2-(trifluoromethyl)-phenoxy] benzene/tetrafluoride benzene. Designed Monomers and Polymers, 2014, 17, 590-600.	0.7	11
42	Amphiphilic cationic copolymers with ciprofloxacin: preparation and antimicrobial activities. New Journal of Chemistry, 2016, 40, 1354-1364.	1.4	11
43	Coassembly of exfoliated Niâ€“In LDHs nanosheets with DNA and infrared emissivity study. Journal of Materials Science, 2014, 49, 6944-6951.	1.7	10
44	An <scp>UV</scp>â€curable epoxy acrylate oligomer with high refractive index containing fluorene: Preparation, characterization, and application. Journal of Applied Polymer Science, 2015, 132, .	1.3	9
45	Helical polysilane wrapping onto carbon nanotube: preparation, characterization and infrared emissivity property study. RSC Advances, 2016, 6, 7439-7447.	1.7	9
46	Synthesis and characterization of ternaryâ€copolymer of soluble fluorinated polyimides based on 1,4â€bis (4â€aminoâ€2â€trifluoromethylphenoxy) benzene. Journal of Applied Polymer Science, 2013, 128, 80-88.	1.3	8
47	Molecular design and synthesis of branched bichromophore-attached linear fluorinated polyimides for nonlinear optical applications. Journal of Materials Science, 2013, 48, 3370-3377.	1.7	8
48	Novel design, facile synthesis and low infrared emissivity properties of single-handed helical polysilanes. RSC Advances, 2015, 5, 88548-88555.	1.7	8
49	Synthesis, helical conformation, and infrared emissivity property study of optically active substituted polyacetylenes derived from serine. Journal of Applied Polymer Science, 2015, 132, .	1.3	7
50	Synergic effects of a protic ionic liquid on P123 mixed micelles for inducing hierarchical porous materials. RSC Advances, 2015, 5, 53267-53274.	1.7	6
51	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
52	Preparation of optically active substituted polyacetylene@CdSe quantum dots composites and their application for low infrared emissivity. Journal of Materials Science, 2014, 49, 7133-7142.	1.7	5
53	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
54	Synthesis of a hollow CeO2/Au/C hierarchical nanostructure for high catalytic activity and recyclability. RSC Advances, 2016, 6, 100427-100436.	1.7	4

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55	Infrared emissivity property study and conformational analysis of helical polysilane. Journal of Applied Polymer Science, 2018, 135, 46335.	1.3	3
56	Fe-Doped Mesoporous Alumina: Facile One-Pot Synthesis, Modified Surface-Acidity and Its Enhanced Catalytic Performance in Phenol Hydroxylation. Catalysis Letters, 2020, 150, 2273-2282.	1.4	2
57	Synthesis, helicity, thermal stability, and low infrared emissivity of optically active polyacetylenes carrying tyrosine pendants. Designed Monomers and Polymers, 2014, 17, 701-716.	0.7	1
58	Laterally-uniform Mn3O4 colloidal nanosheets: oriented growth and size-controlled synthesis. RSC Advances, 2015, 5, 26181-26184.	1.7	1
59	Snail shell-shaped chiral substituted helical polyacetylene: preparation, characterization and infrared emissivity performance. Journal of Materials Science, 2019, 54, 14243-14254.	1.7	1