Cheng Yang

List of Publications by Year
in descending order

		394421	265206
72	1,946	19	42
papers	citations	h-index	g-index

73	73	73	2825
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of PEO crystallization on dielectric response of PVDF / PEO @ IL coaxial electrospinning nanofiber films. Journal of Applied Polymer Science, 2022, 139, 51832.	2.6	0
2	Prominent antibacterial effect of sub 5 nm Cu nanoparticles/MoS₂ composite under visible light. Nanotechnology, 2022, 33, 075706.	2.6	2
3	Graphene aerogel induced by ethanol-assisted method for excellent electromagnetic wave absorption. Journal of Materials Science, 2022, 57, 453-466.	3.7	4
4	Improved stability and skin penetration through glycethosomes loaded with glycyrrhetinic acid. International Journal of Cosmetic Science, 2022, 44, 249-261.	2.6	7
5	Controllable thermal treatment of reduced graphene oxide for tunable electromagnetic wave absorption performance. Solid State Sciences, 2022, 128, 106886.	3.2	4
6	Efficient Antimicrobial Effect of Alginateâ€“Catechol/Fe²⁺ Coating on Hydroxyapatite toward Oral Care Application. ACS Applied Bio Materials, 2022, 5, 2152-2162.	4.6	0
7	Different molecular weight hyaluronic acid alleviates inflammation response in DNFB-induced mice atopic dermatitis and LPS-induced RAW 264.7 cells. Life Sciences, 2022, 301, 120591.	4.3	7
8	Enhanced microwave absorption properties of reduced graphene oxide/TiO₂ nanowire composites synthesized via simultaneous carbonation and hydrogenation. Journal of Materials Chemistry C, 2022, 10, 9586-9595.	5.5	7
9	The correlated effects of filler loading on the curing reaction and mechanical properties of graphene oxide reinforced epoxy nanocomposites. Journal of Materials Science, 2021, 56, 3723-3737.	3.7	13
10	Improved antioxidative performance of a water-soluble copper nanoparticle@fullerenol composite formed via photochemical reduction. New Journal of Chemistry, 2021, 45, 17660-17666.	2.8	8
11	Engineering proteinaceous colloidosomes as enzyme carriers for efficient and recyclable Pickering interfacial biocatalysis. Chemical Science, 2021, 12, 12463-12467.	7.4	20
12	The correlated effects of polyetheramine-functionalized graphene oxide loading on the curing reaction and the mechanical properties of epoxy composites. High Performance Polymers, 2021, 33, 832-847.	1.8	2
13	Facile Solvent Mixing Strategy for Extracting Highly Enriched (6,5)Single-Walled Carbon Nanotubes in Improved Yield. Bulletin of the Chemical Society of Japan, 2021, 94, 1166-1171.	3.2	4
14	Emulsions stabilized by highly hydrophilic TiO2 nanoparticles via van der Waals attraction. Journal of Colloid and Interface Science, 2021, 589, 378-387.	9.4	26
15	An innovative role for luteolin as a natural quorum sensing inhibitor in Pseudomonas aeruginosa. Life Sciences, 2021, 274, 119325.	4.3	31
16	Identification of Deep Breath While Moving Forward Based on Multiple Body Regions and Graph Signal Analysis. , 2021, , .		2
17	ZrC/C aerogel with high compressive strength by a carbothermic process. Journal of the European Ceramic Society, 2021, 41, 4710-4719.	5.7	25
18	Oneâ€Step Preparation of Allâ€Natural Pickering Double Emulsions Stabilized by Oppositely Charged Biopolymer Particles. Advanced Materials Interfaces, 2021, 8, 2101568.	3.7	7

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19	Oneâ€Step Preparation of Allâ€Natural Pickering Double Emulsions Stabilized by Oppositely Charged Biopolymer Particles (Adv. Mater. Interfaces 23/2021). Advanced Materials Interfaces, 2021, 8, .	3.7	0
20	Room-temperature gas sensors based on ZnO nanorod/Au hybrids: Visible-light-modulated dual selectivity to NO2 and NH3. Journal of Hazardous Materials, 2020, 381, 120919.	12.4	168
21	Montmorillonite and alginate co-stabilized biocompatible Pickering emulsions with multiple-stimulus tunable rheology. Journal of Colloid and Interface Science, 2020, 562, 529-539.	9.4	39
22	Covalent polymer functionalized graphene oxide/poly(ether ether ketone) composites for fused deposition modeling: improved mechanical and tribological performance. RSC Advances, 2020, 10, 25685-25695.	3.6	11
23	Synthesis of unsymmetrical urea derivatives via one-pot sequential three-component reactions of cyclic 2-diazo-1,3-diketones, carbodiimides, and 1,2-dihaloethanes. Organic and Biomolecular Chemistry, 2020, 18, 4178-4182.	2.8	6
24	Improving the Performance of Dielectric Nanocomposites by Utilizing Highly Conductive Rigid Core and Extremely Low Loss Shell. Journal of Physical Chemistry C, 2020, 124, 12883-12896.	3.1	10
25	Temperature-Switchable Surfactant-Free Microemulsion. Langmuir, 2020, 36, 7356-7364.	3.5	15
26	Face Recognition for Embedded System Based on Optimized Triplet Loss Neural Network. , 2020, , .		3
27	Elastic, Persistently Moisture-Retentive, and Wearable Biomimetic Film Inspired by Fetal Scarless Repair for Promoting Skin Wound Healing. ACS Applied Materials & Interfaces, 2020, 12, 5542-5556.	8.0	32
28	Injectable Enzymeâ€Based Hydrogel Matrix with Precisely Oxidative Stress Defense for Promoting Dermal Repair of Burn Wound. Macromolecular Bioscience, 2020, 20, e2000036.	4.1	16
29	Compression and reduction of graphene oxide aerogels into flexible, porous and functional graphene films. Journal of Materials Science, 2019, 54, 13147-13156.	3.7	16
30	On-chip grown ZnO nanosheet-array with interconnected nanojunction interfaces for enhanced optoelectronic NO2 gas sensing at room temperature. Journal of Colloid and Interface Science, 2019, 554, 19-28.	9.4	30
31	Controlled synthesis of metal-organic frameworks coated with noble metal nanoparticles and conducting polymer for enhanced catalysis. Journal of Colloid and Interface Science, 2019, 537, 262-268.	9.4	30
32	Preparation and properties of multifunctional sinapic acid corn bran arabinoxylan esters. International Journal of Biological Macromolecules, 2018, 106, 1279-1287.	7.5	11
33	Surfactantâ€Dependent Charge Transfer between Polyoxometalates and Singleâ€Walled Carbon Nanotubes: A Fluorescence Spectroscopic Study. Chemistry - an Asian Journal, 2018, 13, 210-216.	3.3	3
34	Prognostics and Health Management of Bearings Based on Logarithmic Linear Recursive Least-Squares and Recursive Maximum Likelihood Estimation. IEEE Transactions on Industrial Electronics, 2018, 65, 1549-1558.	7.9	57
35	Construction of Crowning Î²-cyclodextrin with Temperature Response and Efficient Properties of Hostâ€“Guest Inclusion. Langmuir, 2018, 34, 11567-11574.	3.5	13
36	An instantaneous cutting force model for disc mill cutter based on the machining blisk-tunnel of aero-engine. International Journal of Advanced Manufacturing Technology, 2018, 99, 233-246.	3.0	7

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37	Smart construction of palladium@polypyrrole nanocomposite coating on a magnetic support as a highly efficient and recyclable catalyst. New Journal of Chemistry, 2018, 42, 15946-15953.	2.8	5
38	Synthesis of Isocoumarins from Cyclic 2-Diazo-1,3-diketones and Benzoic Acids via Rh(III)-Catalyzed Câ€“H Activation and Esterification. Journal of Organic Chemistry, 2017, 82, 2081-2088.	3.2	72
39	Nanocomposites of poly(vinylidene fluoride) - Controllable hydroxylated/carboxylated graphene with enhanced dielectric performance for large energy density capacitor. Carbon, 2017, 117, 301-312.	10.3	89
40	Smart and designable grapheneâ€“SiO₂ nanocomposites with multifunctional applications in silicone elastomers and polyaniline supercapacitors. RSC Advances, 2017, 7, 11478-11490.	3.6	13
41	Build a Rigidâ€“Flexible Graphene/Silicone Interface by Embedding SiO₂ for Adhesive Application. ACS Omega, 2017, 2, 1063-1073.	3.5	14
42	Green synthesis of enzyme/metal-organic framework composites with high stability in protein denaturing solvents. Bioresources and Bioprocessing, 2017, 4, 24.	4.2	122
43	Facile fabrication of PS/Fe₃O₄@PANi nanocomposite particles and their application for the effective removal of Cu²⁺. New Journal of Chemistry, 2017, 41, 14137-14144.	2.8	13
44	Oxidative Rearrangement of Isatins with Arylamines Using <scp>H₂O₂</scp> as Oxidant: A Facile Synthesis of Quinazolineâ€2,4â€diones and Evaluation of Their Antibacterial Activity. Chinese Journal of Chemistry, 2017, 35, 1835-1843.	4.9	14
45	In Situ Growth of Clean Pd Nanoparticles on Polystyrene Microspheres Assisted by Functional Reduced Graphene Oxide and Their Excellent Catalytic Properties. Langmuir, 2017, 33, 8157-8164.	3.5	19
46	A simple and general approach for the decoration of interior surfaces of silica hollow microspheres with noble metal nanoparticles and their application in catalysis. Inorganic Chemistry Frontiers, 2017, 4, 1634-1641.	6.0	16
47	Dual-targeting nanoparticles with excellent gene transfection efficiency for gene therapy of peritoneal metastasis of colorectal cancer. Oncotarget, 2017, 8, 89837-89847.	1.8	10
48	A New Type of Sulfobetaine Surfactant with Double Alkyl Polyoxyethylene Ether Chains for Enhanced Oil Recovery. Journal of Surfactants and Detergents, 2016, 19, 967-977.	2.1	38
49	Synthesis of 2-Arylimino-6,7-dihydrobenzo[d][1,3]oxathiol-4(5H)-ones via Rh2(OAc)4-Catalyzed Reactions of Cyclic 2-Diazo-1,3-diketones with Aryl Isothiocyanates. ACS Omega, 2016, 1, 1277-1283.	3.5	13
50	Synthesis of 3â€²,4â€²â€Diarylâ€4â€²Hâ€spiro[indolineâ€3,5â€²â€[1â€²,2â€²,4â€²]oxadiazol]â€2â€ones via DMAPâ€c Domino Reactions and Their Antibacterial Activity. Chinese Journal of Chemistry, 2016, 34, 901-909.	4.9	16
51	Preparation of Pickering emulsions with short, medium and long chain triacylglycerols stabilized by starch nanocrystals and their in vitro digestion properties. RSC Advances, 2016, 6, 99496-99508.	3.6	76
52	Functional polyaniline-assisted decoration of polystyrene microspheres with noble metal nanoparticles and their enhanced catalytic properties. New Journal of Chemistry, 2016, 40, 10398-10405.	2.8	18
53	Electromagnetic Wave Absorption Property of Graphene with Fe3O4 Nanoparticles. Journal of Nanoscience and Nanotechnology, 2016, 16, 1483-1490.	0.9	3
54	Supramolecular photochirogenesis. Chemical Society Reviews, 2014, 43, 4123-4143.	38.1	152

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55	Facile synthesis of polystyrene/gold composite particles as a highly active and reusable catalyst for aerobic oxidation of benzyl alcohol in water. RSC Advances, 2014, 4, 24769-24772.	3.6	9
56	Manipulating Î³-cyclodextrin-mediated photocyclodimerization of anthracenecarboxylate by wavelength, temperature, solvent and host. Photochemical and Photobiological Sciences, 2014, 13, 190-198.	2.9	19
57	Facile and controllable assembly of multiwalled carbon nanotubes on polystyrene microspheres. Chinese Journal of Polymer Science (English Edition), 2014, 32, 711-717.	3.8	10
58	Pure blue light-emitting fluorene-based conjugated polymer with excellent thermal, photophysical, and electroluminescent properties. Journal of Materials Science, 2013, 48, 6719-6727.	3.7	7
59	Facile and controllable synthesis of polystyrene/palladium nanoparticle@polypyrrole nanocomposite particles. Polymer Chemistry, 2013, 4, 4655.	3.9	16
60	Facile preparation of Î±-Fe2O3/carbon and polyhydroxy iron cation/polyaniline hollow particles. Colloid and Polymer Science, 2013, 291, 1287-1291.	2.1	2
61	Effect of coupling agents on the dielectric properties of CaCu3Ti4O12/PVDF composites. Composites Part B: Engineering, 2013, 50, 180-186.	12.0	104
62	A facile method to fabricate polystyrene/silver composite particles and their catalytic properties. RSC Advances, 2013, 3, 26361.	3.6	36
63	Completely green synthesis of Ag nanoparticles stabilized by soy protein isolate under UV irradiation. Journal Wuhan University of Technology, Materials Science Edition, 2012, 27, 852-856.	1.0	5
64	Synthesis and properties of blue light electroluminescent conjugated copolymer based on fluorene and carbazole with an alkyl functional group at the 9-position. Journal of Materials Science, 2012, 47, 3315-3319.	3.7	15
65	Efficient Indexing for Mobile Image Retrieval. , 2011, , .		3
66	Modified carbon nanotube composites with high dielectric constant, low dielectric loss and large energy density. Carbon, 2009, 47, 1096-1101.	10.3	294
67	Preparation and luminescence performance of rare earth agriculture-used light transformation composites. Journal of Materials Science, 2008, 43, 1681-1687.	3.7	16
68	Simultaneous Quantification of Sodium Ferulate, Salicylic Acid, Cinnarizine and Vitamin B1 in Human Plasma by LC Tandem MS Detection. Chromatographia, 2008, 67, 583-590.	1.3	5
69	High-performance liquid chromatographyâ€“electrospray ionization mass spectrometry determination of sodium ferulate in human plasma. Journal of Pharmaceutical and Biomedical Analysis, 2007, 43, 945-950.	2.8	28
70	Simultaneous SPE-LC Determination of Three Flavonoid Glycosides of Naringin, Neohesperidin and Hesperidin in Da-Cheng-Qi Decoction. Chromatographia, 2007, 66, 763-766.	1.3	13
71	The influence of preparation conditions on the fluorescence properties of Eu(Sal)3Phen. Luminescence, 2006, 21, 98-105.	2.9	16
72	Preparation of Tb(Pht)3Phen/rubber composites and characterization of their fluorescent properties. Journal of Applied Polymer Science, 2005, 96, 20-28.	2.6	9