Yuhong

List of Publications by Year
in descending order

42 papers	694 citations	567281 15 h-index	580821 25 g-index
42 all docs	42 docs citations	42 times ranked	836 citing authors

#	Article	IF	Citations
1	High dielectric constant and low dielectric loss hybrid nanocomposites fabricated with ferroelectric polymer matrix and BaTiO3 nanofibers modified with perfluoroalkylsilane. Applied Surface Science, 2014, 305, 531-538.	6.1	133
2	Improving dielectric properties of BaTiO3/poly(vinylidene fluoride) composites by employing core-shell structured BaTiO3@Poly(methylmethacrylate) and BaTiO3@Poly(trifluoroethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 Td	6.1	58
3	BaTiO3@carbon/silicon carbide/poly(vinylidene fluoride-hexafluoropropylene) three-component nanocomposites with high dielectric constant and high thermal conductivity. Composites Science and Technology, 2018, 162, 180-187.	7.8	42
4	Oneâ€Pot Synthesis of PTFEMAâ€bâ€PMMAâ€bâ€PTFEMA by Controlled Radical Polymerization with a Difunctional Initiator in Conjugation with Photoredox Catalyst of Ir(ppy)₃ Under Visible Light. Macromolecular Chemistry and Physics, 2013, 214, 2624-2631.	2.2	39
5	Preparation and dielectric properties of coreâ€“shell structural composites of poly(1H,1H,2H,2H-perfluorooctyl methacrylate)@BaTiO3 nanoparticles. Applied Surface Science, 2013, 277, 121-127.	6.1	37
6	Photoinduced controlled radical polymerization of methacrylates with benzaldehyde derivatives as organic catalysts. Polymer Chemistry, 2017, 8, 3574-3585.	3.9	31
7	Highly enhanced adsorption of methyl blue on weakly cross-linked ammonium-functionalized hollow polymer particles. Applied Surface Science, 2020, 505, 144607.	6.1	29
8	Synthesis of HNTs@PEDOT composites via in situ chemical oxidative polymerization and their application in electrode materials. Applied Surface Science, 2018, 427, 1038-1045.	6.1	25
9	Preparation of a hybrid coreâ€“shell structured BaTiO 3 @PEDOT nanocomposite and its applications in dielectric and electrode materials. Applied Surface Science, 2015, 356, 232-239.	6.1	20
10	Flexible, Highly Transparent, and Conductive Poly(3,4-ethylenedioxythiophene)-Polypropylene Composite Films of Nanofibrillar Morphology. Chemistry of Materials, 2010, 22, 4254-4262.	6.7	18
11	High Dielectric Performance Composites with a Hybrid BaTiO₃/Graphene as Filler and Poly(vinylidene fluoride) as Matrix. ECS Journal of Solid State Science and Technology, 2015, 4, N47-N54.	1.8	18
12	Enhanced dielectric properties of sandwichâ€structured biaxially oriented polypropylene by grafting hyperâ€branched aromatic polyamide as surface layers. Journal of Applied Polymer Science, 2020, 137, 48990.	2.6	18
13	Visible lightâ€induced RAFT polymerization of methacrylates with benzaldehyde derivatives as organophotoredox catalysts. Journal of Polymer Science Part A, 2018, 56, 229-236.	2.3	17
14	Highly Heat-Resistant Poly(bismaleimide-co-styrene) Microspheres Bearing Maleimide Functional Groups by Self-Stabilized Precipitation Polymerization. Industrial & Engineering Chemistry Research, 2020, 59, 783-792.	3.7	17
15	Visible lightâ€induced thiolâ€ene reaction: A new strategy to prepare Î‘,Ï‰â€dithiol and Î‘,Ï‰â€divinyl telechelic polythiolether oligomers. Journal of Polymer Science Part A, 2016, 54, 740-749.	2.3	16
16	A scalable route to prepare coreâ€“shell structured ZnO@PEDOT nanowires and PEDOT nanotubes and their properties as electrode materials. Applied Surface Science, 2016, 370, 102-110.	6.1	15
17	Decorating an individual living cell with a shell of controllable thickness by cytocompatible surface initiated graft polymerization. Chemical Communications, 2018, 54, 4677-4680.	4.1	15
18	Visibleâ€light induced RAFT polymerization of styrenic monomers with aromatic aldehydes as organophotoredox catalysts. Journal of Polymer Science Part A, 2018, 56, 2072-2079.	2.3	11

#	Article	IF	Citations
19	Novel Bismaleimide Porous Polymer Microsphere by Self-Stabilized Precipitation Polymerization and Its Application for Catalytic Microreactors. Macromolecules, 2022, 55, 3723-3733.	4.8	11
20	Photochemical modification of single-walled carbon nanotubes using HPHMP photoinitiator for enhanced organic solvent dispersion. Journal of Materials Science, 2010, 45, 5591-5597.	3.7	9
21	An inkjet printing soft photomask and its application on organic polymer substrates. Science China Chemistry, 2010, 53, 1695-1704.	8.2	8
22	Conductive HNTs-PEDOT hybrid preparation and its application in enhancing the dielectric permittivity of HNTs-PEDOT/PVDF composites. Applied Surface Science, 2018, 458, 924-930.	6.1	8
23	Solvent-free preparation of uniform styrene/maleimide copolymer microspheres from solid poly(styrene-alt-maleic anhydride) microspheres. Polymer Chemistry, 2022, 13, 684-692.	3.9	8
24	UV-Assisted Li⁺-Catalyzed Radical Grafting Polymerization of Vinyl Ethers: A New Strategy for Creating Hydrolysis-Resistant and Long-Lived Polymer Brushes as a â€œSmartâ€•Surface Coating. Langmuir, 2021, 37, 4102-4111.	3.5	7
25	Visible Lightâ€“Induced RAFT Polymerization of Methacrylate with 4â€(N , N â€diphenylamino)benzaldehyde as Organophotoredox Catalyst and the Effect of Temperature on the Polymerization. Macromolecular Chemistry and Physics, 2019, 220, 1900022.	2.2	6
26	EFFECT OF HIGH MOLECULAR WEIGHT PVA ON MECHANICAL PROPERTIES OF ICE. Acta Polymerica Sinica, 2009, 009, 1166-1169.	0.0	6
27	Synthesis, structure characterization, and gas sensitive properties of a copolymer of aniline with phenol. Polymers for Advanced Technologies, 2011, 22, 1042-1048.	3.2	5
28	Preparation of flexible BOPP/SiOx/TiO2 multilayer film for photodegradation of organic contamination. Applied Surface Science, 2012, 261, 436-440.	6.1	5
29	Facile fabrication of shell crosslinked microcapsule by visible light induced graft polymerization for enzyme encapsulation. Chemical Communications, 2020, 56, 6862-6865.	4.1	5
30	Polythioethers with Controlled Î±,Ï‰â€End Groups Prepared by Visible Light Induced Thiolâ€“Ene Click Polymerization of Dithiol and Divinyl Ether with 4â€(N , N â€diphenylamino)benzaldehyde as Organocatalyst. Macromolecular Chemistry and Physics, 2020, 221, 1900557.	2.2	5
31	Synthesis of poly(vinyl chloride)-co-poly(acrylic acid) by precipitation polymerization and its usage as CaCO₃ modifier in rigid PVC composites. Journal of Macromolecular Science - Pure and Applied Chemistry, 2021, 58, 557-566.	2.2	5
32	Synthesis and Characterization of a Novel Kind of Water-Soluble Macromolecular Photoinitiators and Their Application for the Preparation of Water-Soluble Branched Polymers. Industrial & Engineering Chemistry Research, 2021, 60, 7755-7763.	3.7	5
33	Water-Soluble Branched Polyacrylamides Prepared by UV-Initiated Polymerization Using a Novel Kind of Water-Soluble Macromolecular Photoinitiator. Industrial & Engineering Chemistry Research, 2021, 60, 12166-12174.	3.7	4
34	Method of preparing clean poly(4-methylstyrene)-block-polyisobutene by the combination of sequential monomer addition and sequential initiation in the solvent CH3Cl. Journal of Polymer Science Part A, 2003, 41, 408-412.	2.3	3
35	Radical homopolymerization of vinyl ethers activated by Li⁺-Ï€ complexation in the presence of CH₃OLi and LiI. Polymer Chemistry, 2022, 13, 1098-1106.	3.9	3
36	Synthesis of Poly(IBâ€coâ€VBDC)â€gâ€PMMA via Photoâ€initiated Free Radical Graft Polymerization. Journal of Macromolecular Science - Pure and Applied Chemistry, 2003, 40, 1147-1156.	2.2	2

#	ARTICLE	IF	CITATIONS
37	Correlation of SiO x layer thickness and properties of BOPP/SiO x composite films with spin coating process parameters. Chinese Journal of Polymer Science (English Edition), 2013, 31, 333-345.	3.8	2
38	Synthesis of hypergrafted poly[4-(N,N-diphenylamino)methylstyrene] through tandem anionic-radical polymerization of radical-inimer. Designed Monomers and Polymers, 2017, 20, 476-484.	1.6	2
39	Surface Engineering of Organic Polymers by Photoâ€induced Free Radical Coupling with pâ€Dimethylaminophenyl Group as A Synthesis Block. ChemistrySelect, 2020, 5, 3365-3373.	1.5	2
40	Three-dimensional protein microarrays fabricated on reactive microsphere modified COC substrates. Journal of Materials Chemistry B, 2022, 10, 293-301.	5.8	2
41	Surface engineering of Si wafers with tunable surface morphology and stiffness via visible light induced t<scp>hiolâ€ene</scp> click polymerization with 4â€(N,Nâ€diphenylamino)benzaldehyde as an organocatalyst. Journal of Applied Polymer Science, 2022, 139, .	2.6	2
42	Direct Photolysis RAFT Polymerization of (Metha)acrylate with 2â€Cyanoâ€2â€propyldodecyl Trithiocarbonate as Mediator. Macromolecular Chemistry and Physics, 2022, 223, .	2.2	0