Qiang Yin

List of Publications by Year
in descending order

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35 papers	441 citations	840776 11 h-index	752698 20 g-index
35 all docs	35 docs citations	35 times ranked	591 citing authors

#	Article	IF	Citations
1	Polypyrrole/Graphene/Polyaniline Ternary Nanocomposite with High Thermoelectric Power Factor. ACS Applied Materials & Interfaces, 2017, 9, 20124-20131.	8.0	130
2	Pyridine-2,6-dicarboxylic acid for the sensitization of europium(<scp>iii</scp>) luminescence with very long lifetimes. RSC Advances, 2015, 5, 58936-58942.	3.6	27
3	Novel Hybrid p- and n-Type Organic Thermoelectric Materials Based on Mussel-Inspired Polydopamine. ACS Applied Materials & Interfaces, 2021, 13, 23970-23982.	8.0	23
4	Solâ€“gel preparation of moisture-resistant antireflective coatings from novel hollow silica nanoparticles. Journal of Sol-Gel Science and Technology, 2016, 80, 538-547.	2.4	22
5	Detailed analysis and formation mechanism of superhydrophobic antireflective coatings with adjustable refractive index from trimethylsilanized silica nanoparticles. Journal of Sol-Gel Science and Technology, 2016, 80, 10-18.	2.4	19
6	Forceâ€Reversible and Energetic Indoleâ€Mgâ€Indole Cationâ€Ï€ Interaction for Designing Toughened and Multifunctional Highâ€Performance Thermosets. Advanced Functional Materials, 2022, 32, .	14.9	18
7	Effect of water in amorphous polyvinyl formal: insights from molecular dynamics simulation. Journal of Molecular Modeling, 2015, 21, 2.	1.8	17
8	Benzocyclobutene-functional double-decker silsesquioxane: self-assembled hybrid resin for high-performance dielectrics and LED encapsulants. Polymer Chemistry, 2019, 10, 4551-4560.	3.9	17
9	Thermoelectric Properties of Polypyrrole Nanotubes. Macromolecular Research, 2020, 28, 973-978.	2.4	15
10	Multiple morphologies of a poly(methyl methacrylate)â€blockâ€poly(N,Nâ€dimethyl aminoethyl) Tj ETQq0 0 0 rgBT /Overl Polymer Science, 2019, 136, 47972.	2.6	14
11	Preparation of metalâ€phosphorus hybridized nanomaterials and the action of metal centers on the flame retardancy of epoxy resin. Journal of Applied Polymer Science, 2017, 134, 45445.	2.6	13
12	Synthesis and rheological behavior of a novel Nâ€sulfonate ampholyte chitosan. Journal of Applied Polymer Science, 2009, 113, 3382-3387.	2.6	11
13	Fabrication of solid CH-CD multilayer microspheres for inertial confinement fusion. Matter and Radiation at Extremes, 2021, 6, .	3.9	11
14	A molecular simulation of the compatibility of chitosan and poly(vinyl pyrrolidone). Molecular Simulation, 2010, 36, 186-191.	2.0	10
15	Interaction of 0.53â€‰Î¼m laser pulse with millimeter-scale plasmas generated by gasbag target. Physics of Plasmas, 2012, 19, 062703.	1.9	10
16	Synthesis, characterization and photoluminescent properties of europium(III) complexes with ligands bearing benzimidazole groups. Journal of Materials Science: Materials in Electronics, 2016, 27, 5715-5722.	2.2	10
17	Fabrication of Infrared Opacifiers Loaded Al2O3 Aerogel-SiO2 Fiber Mat Composites with High Thermal Resistance. International Journal of Nanoscience, 2020, 19, 1950021.	0.7	10
18	Progress and challenges in the fabrication of DPS shells for ICF. Matter and Radiation at Extremes, 2019, 4, .	3.9	9

#	Article	IF	Citations
19	Pt-Al2O3 composite aerogels via solution-freeze-drying-calcination technology for the thermal decomposition of ammonium perchlorate. Journal of Porous Materials, 2020, 27, 883-891.	2.6	9
20	Materials containing benzocyclobutene units with low dielectric constant and good thermostability prepared from starâ€shaped molecules. Journal of Applied Polymer Science, 2019, 136, 47458.	2.6	8
21	Mechanical Design and Analysis of an Indirect-drive Cryogenic Target. Journal of Fusion Energy, 2016, 35, 673-682.	1.2	6
22	Effects of poly(vinyl alcohol) and poly(acrylic acid) on interfacial properties and stability of compound droplets. International Journal of Hydrogen Energy, 2020, 45, 2925-2935.	7.1	6
23	Controllable production of deuterated polymer beads for ICF. Journal of Nuclear Materials, 2020, 535, 152159.	2.7	6
24	Enhanced thermoelectric properties of poly(3,4â€ethylenedioxythiophene): Poly(styrenesulfonate)/copper phthalocyanine disulfonic acid composite films. Journal of Applied Polymer Science, 2021, 138, 50883.	2.6	3
25	Effects of carbon nanomaterials hybridization of Poly(3,4-ethylenedioxythiophene): poly (styrene) Tj ETQq1 1 0.784314 rgBT /Overloc	2.6	3
26	Fabrication and Characterization of Fluorinated Polyimides (PI) Films with Improved Hydrophobic Property. Nano, 2018, 13, 1850080.	1.0	2
27	Effects of surfactant adsorption on the formation of compound droplets in microfluidic devices. RSC Advances, 2019, 9, 41943-41954.	3.6	2
28	A Toughening and Antiâ€Counterfeiting Benzotriazoleâ€Based Highâ€Performance Polymer Film Driven by Appropriate Intermolecular Coordination Force. Macromolecular Rapid Communications, 2021, 42, 2000617.	3.9	2
29	Performance Investigation of a Copper Azide Micro Detonator Using Experiments and Simulations. Propellants, Explosives, Pyrotechnics, 2022, 47, .	1.6	2
30	Development of Perdeuterated Polymer Foams for Inertial Confinement Fusion Targets in China. Plasma and Fusion Research, 2009, 4, S1005-S1005.	0.7	1
31	Fabrication of Rippled Plastic-Foam Targets Used for Hydrodynamic Instability Experiments. Fusion Science and Technology, 2012, 61, 197-202.	1.1	1
32	Supporting data for the photo-induced deformation behavior for AZO-containing polymers connected by hydrogen bonding. Data in Brief, 2020, 28, 104849.	1.0	1
33	Parabolic effects of viscosity on dispersion and stability of millimeter-scale W1/O/W2 double droplets for ICF polymer shells. Journal of Dispersion Science and Technology, 2022, 43, 1948-1958.	2.4	1
34	Microfluidic Preparation of Monodisperse Hollow Polyacrylonitrile Microspheres for ICF. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, , 127955.	4.7	1
35	Fabrication of monodisperse polyacrylonitrile hollow microspheres containing transition metals and low-temperature catalytic graphitization. Journal of Polymer Research, 2022, 29, .	2.4	1