

Qiang Yin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6960979/publications.pdf>

Version: 2024-02-01

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	Parabolic effects of viscosity on dispersion and stability of millimeter-scale W1/O/W2 double droplets for ICF polymer shells. <i>Journal of Dispersion Science and Technology</i> , 2022, 43, 1948-1958.	2.4	1
2	Performance Investigation of a Copper Azide Micro Detonator Using Experiments and Simulations. <i>Propellants, Explosives, Pyrotechnics</i> , 2022, 47, .	1.6	2
3	Force-Driven Reversible and Energetic Indole-Mg-Indole Cation-Interaction for Designing Toughened and Multifunctional High-Performance Thermosets. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	18
4	Fabrication of monodisperse polyacrylonitrile hollow microspheres containing transition metals and low-temperature catalytic graphitization. <i>Journal of Polymer Research</i> , 2022, 29, .	2.4	1
5	A Toughening and Anti-Counterfeiting Benzotriazole-Based High-Performance Polymer Film Driven by Appropriate Intermolecular Coordination Force. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2000617.	3.9	2
6	Fabrication of solid CH-CD multilayer microspheres for inertial confinement fusion. <i>Matter and Radiation at Extremes</i> , 2021, 6, .	3.9	11
7	Enhanced thermoelectric properties of poly(3,4-ethylenedioxythiophene): Poly(styrenesulfonate)/copper phthalocyanine disulfonic acid composite films. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50883.	2.6	3
8	Novel Hybrid p- and n-Type Organic Thermoelectric Materials Based on Mussel-Inspired Polydopamine. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 23970-23982.	8.0	23
9	Effects of carbon nanomaterials hybridization of Poly(3,4-ethylenedioxythiophene): poly(styrene) Tj ETQq1 1 0.784314 rgBT ₃ Overload	2.6	3
10	Microfluidic Preparation of Monodisperse Hollow Polyacrylonitrile Microspheres for ICF. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, , 127955.	4.7	1
11	Effects of poly(vinyl alcohol) and poly(acrylic acid) on interfacial properties and stability of compound droplets. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 2925-2935.	7.1	6
12	Supporting data for the photo-induced deformation behavior for AZO-containing polymers connected by hydrogen bonding. <i>Data in Brief</i> , 2020, 28, 104849.	1.0	1
13	Thermoelectric Properties of Polypyrrole Nanotubes. <i>Macromolecular Research</i> , 2020, 28, 973-978.	2.4	15
14	Fabrication of Infrared Opacifiers Loaded Al ₂ O ₃ Aerogel-SiO ₂ Fiber Mat Composites with High Thermal Resistance. <i>International Journal of Nanoscience</i> , 2020, 19, 1950021.	0.7	10
15	Pt-Al ₂ O ₃ composite aerogels via solution-freeze-drying-calcination technology for the thermal decomposition of ammonium perchlorate. <i>Journal of Porous Materials</i> , 2020, 27, 883-891.	2.6	9
16	Controllable production of deuterated polymer beads for ICF. <i>Journal of Nuclear Materials</i> , 2020, 535, 152159.	2.7	6
17	Benzocyclobutene-functional double-decker silsesquioxane: self-assembled hybrid resin for high-performance dielectrics and LED encapsulants. <i>Polymer Chemistry</i> , 2019, 10, 4551-4560.	3.9	17
18	Progress and challenges in the fabrication of DPS shells for ICF. <i>Matter and Radiation at Extremes</i> , 2019, 4, .	3.9	9

#	ARTICLE	IF	CITATIONS
19	Multiple morphologies of a poly(methyl methacrylate)- <i>block</i> -poly(<i>N,N</i> -dimethyl aminoethyl) Tj ETQq1 1 0.784314 Polymer Science, 2019, 136, 47972.	2.6	14
20	Effects of surfactant adsorption on the formation of compound droplets in microfluidic devices. RSC Advances, 2019, 9, 41943-41954.	3.6	2
21	Materials containing benzocyclobutene units with low dielectric constant and good thermostability prepared from star-shaped molecules. Journal of Applied Polymer Science, 2019, 136, 47458.	2.6	8
22	Fabrication and Characterization of Fluorinated Polyimides (PI) Films with Improved Hydrophobic Property. Nano, 2018, 13, 1850080.	1.0	2
23	Polypyrrole/Graphene/Polyaniline Ternary Nanocomposite with High Thermoelectric Power Factor. ACS Applied Materials & Interfaces, 2017, 9, 20124-20131.	8.0	130
24	Preparation of metal-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
25	Mechanical Design and Analysis of an Indirect-drive Cryogenic Target. Journal of Fusion Energy, 2016, 35, 673-682.	1.2	6
26	Detailed analysis and formation mechanism of superhydrophobic antireflective coatings with adjustable refractive index from trimethylsilylated silica nanoparticles. Journal of Sol-Gel Science and Technology, 2016, 80, 10-18.	2.4	19
27	Sol-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
28	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
29	Effect of water in amorphous polyvinyl formal: insights from molecular dynamics simulation. Journal of Molecular Modeling, 2015, 21, 2.	1.8	17
30	Pyridine-2,6-dicarboxylic acid for the sensitization of europium(III) luminescence with very long lifetimes. RSC Advances, 2015, 5, 58936-58942.	3.6	27
31	Fabrication of Rippled Plastic-Foam Targets Used for Hydrodynamic Instability Experiments. Fusion Science and Technology, 2012, 61, 197-202.	1.1	1
32	Interaction of 0.53- μ m laser pulse with millimeter-scale plasmas generated by gasbag target. Physics of Plasmas, 2012, 19, 062703.	1.9	10
33	A molecular simulation of the compatibility of chitosan and poly(vinyl pyrrolidone). Molecular Simulation, 2010, 36, 186-191.	2.0	10
34	Development of Perdeuterated Polymer Foams for Inertial Confinement Fusion Targets in China. Plasma and Fusion Research, 2009, 4, S1005-S1005.	0.7	1
35	Synthesis and rheological behavior of a novel <i>N</i> -sulfonate ampholyte chitosan. Journal of Applied Polymer Science, 2009, 113, 3382-3387.	2.6	11