

Shuai Jiang

List of Publications by Year in descending order

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45
papers

1,425
citations

331259

21
h-index

329751

37
g-index

45
all docs

45
docs citations

45
times ranked

1929
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of surface silanization of carbon fiber on mechanical properties of carbon fiber reinforced polyurethane composites. <i>Composites Science and Technology</i> , 2015, 110, 87-94.	3.8	158
2	Brush Conformation of Polyethylene Glycol Determines the Stealth Effect of Nanocarriers in the Low Protein Adsorption Regime. <i>Nano Letters</i> , 2021, 21, 1591-1598.	4.5	87
3	Red-Light-Controlled Release of Drug-Ru Complex Conjugates from Metallopolymer Micelles for Phototherapy in Hypoxic Tumor Environments. <i>Advanced Functional Materials</i> , 2018, 28, 1804227.	7.8	82
4	Efficient Nanofibrous Membranes for Antibacterial Wound Dressing and UV Protection. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 29915-29922.	4.0	75
5	Multiscale graphene oxide-carbon fiber reinforcements for advanced polyurethane composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 87, 1-9.	3.8	71
6	Piezoelectric Nylon-11 Fibers for Electronic Textiles, Energy Harvesting and Sensing. <i>Advanced Functional Materials</i> , 2021, 31, 2004326.	7.8	70
7	Advanced stimuli-responsive polymer nanocapsules with enhanced capabilities for payloads delivery. <i>Polymer Chemistry</i> , 2015, 6, 4197-4205.	1.9	68
8	Facile and cost-effective synthesis of isocyanate microcapsules via polyvinyl alcohol-mediated interfacial polymerization and their application in self-healing materials. <i>Composites Science and Technology</i> , 2017, 138, 15-23.	3.8	61
9	Covalent Triazine Framework Nanoparticles via Size-Controllable Confinement Synthesis for Enhanced Visible-Light Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18368-18373.	7.2	60
10	Nanocontainers in and onto Nanofibers. <i>Accounts of Chemical Research</i> , 2016, 49, 816-823.	7.6	50
11	Effect of silane treatment on the mechanical properties of polyurethane/water glass grouting materials. <i>Construction and Building Materials</i> , 2016, 116, 110-120.	3.2	50
12	Synergistic Anticancer Therapy by Ovalbumin Encapsulation-Enabled Tandem Reactive Oxygen Species Generation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20008-20016.	7.2	48
13	Self-healing isocyanate microcapsules for efficient restoration of fracture damage of polyurethane and epoxy resins. <i>Journal of Materials Science</i> , 2019, 54, 8262-8275.	1.7	45
14	Non-isocyanate polyurethane/epoxy hybrid materials with different and controlled architectures prepared from a CO ₂ -sourced monomer and epoxy via an environmentally-friendly route. <i>RSC Advances</i> , 2017, 7, 28841-28852.	1.7	43
15	Visible light active nanofibrous membrane for antibacterial wound dressing. <i>Nanoscale Horizons</i> , 2018, 3, 439-446.	4.1	41
16	Tailoring nanoarchitectonics to control the release profile of payloads. <i>Nanoscale</i> , 2016, 8, 11511-11517.	2.8	33
17	Delivering all in one: Antigen-nanocapsule loaded with dual adjuvant yields superadditive effects by DC-directed T cell stimulation. <i>Journal of Controlled Release</i> , 2018, 289, 23-34.	4.8	33
18	Controlling protein interactions in blood for effective liver immunosuppressive therapy by silica nanocapsules. <i>Nanoscale</i> , 2020, 12, 2626-2637.	2.8	26

#	ARTICLE	IF	CITATIONS
19	Synthetic Silica Nano-Organelles for Regulation of Cascade Reactions in Multi-Compartmentalized Systems. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	25
20	Ultrasmall Nanocapsules Obtained by Controlling Ostwald Ripening. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18094-18102.	7.2	24
21	Versatile Preparation of Silica Nanocapsules for Biomedical Applications. <i>Particle and Particle Systems Characterization</i> , 2020, 37, 1900484.	1.2	22
22	Redox-responsive release of active payloads from depolymerized nanoparticles. <i>RSC Advances</i> , 2017, 7, 8272-8279.	1.7	18
23	Promising approaches to improve the performances of hybrid non-isocyanate polyurethane. <i>Polymer International</i> , 2019, 68, 651-660.	1.6	18
24	One-Step Preparation of Fuel-Containing Anisotropic Nanocapsules with Stimuli-Regulated Propulsion. <i>ACS Nano</i> , 2020, 14, 498-508.	7.3	18
25	Modulating Protein Corona and Materials-Cell Interactions with Temperature-Responsive Materials. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	18
26	The structure of fibers produced by colloid-electrospinning depends on the aggregation state of particles in the electrospinning feed. <i>Polymer</i> , 2017, 127, 101-105.	1.8	17
27	Critical transition of epoxy resin from brittleness to toughness by incorporating CO ₂ -sourced cyclic carbonate. <i>Journal of CO₂ Utilization</i> , 2018, 26, 302-313.	3.3	17
28	<p>Silica Nanocapsules with Different Sizes and Physicochemical Properties as Suitable Nanocarriers for Uptake in T-Cells</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 6069-6084.	3.3	14
29	Design of Nanostructured Protective Coatings with a Sensing Function. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 53046-53054.	4.0	14
30	Effect of carbon fiber-graphene oxide multiscale reinforcements on the thermo-mechanical properties of polyurethane elastomer. <i>Polymer Composites</i> , 2019, 40, E953.	2.3	12
31	Aqueous core and hollow silica nanocapsules for confined enzyme modules. <i>Nanoscale</i> , 2020, 12, 24266-24272.	2.8	12
32	Dual-responsive multicompartment nanofibers for controlled release of payloads. <i>RSC Advances</i> , 2016, 6, 43767-43770.	1.7	11
33	Preparation of the protein corona: How washing shapes the proteome and influences cellular uptake of nanocarriers. <i>Acta Biomaterialia</i> , 2020, 114, 333-342.	4.1	11
34	Biodegradable Harmonophores for Targeted High-Resolution <i>In Vivo</i> Tumor Imaging. <i>ACS Nano</i> , 2021, 15, 4144-4154.	7.3	11
35	Nanofibrous photocatalysts from electrospun nanocapsules. <i>Nanotechnology</i> , 2017, 28, 405601.	1.3	10
36	Control of the release of functional payloads from redox-responsive nanocapsules. <i>RSC Advances</i> , 2016, 6, 104330-104337.	1.7	8

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37	Synthetic Silica Nano-Organelles for Regulation of Cascade Reactions in Multi-Compartmentalized Systems. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	8
38	Temperature-Responsive Nanoparticles Enable Specific Binding of Apolipoproteins from Human Plasma. <i>Small</i> , 2022, 18, e2103138.	5.2	8
39	Cellular Uptake of siRNA-Loaded Nanocarriers to Knockdown PD-L1: Strategies to Improve T-cell Functions. <i>Cells</i> , 2020, 9, 2043.	1.8	7
40	Covalent Triazine Framework Nanoparticles via Size-Controllable Confinement Synthesis for Enhanced Visible-Light Photoredox Catalysis. <i>Angewandte Chemie</i> , 2020, 132, 18526-18531.	1.6	6
41	Nanovaccine impact on dendritic cells: transcriptome analysis enables new insights into antigen and adjuvant effects. <i>Nanomedicine</i> , 2020, 15, 2053-2069.	1.7	5
42	Encapsulation of polyprodrugs enables an efficient and controlled release of dexamethasone. <i>Nanoscale Horizons</i> , 2021, 6, 791-800.	4.1	5
43	Synergistic Anticancer Therapy by Ovalbumin Encapsulation-Enabled Tandem Reactive Oxygen Species Generation. <i>Angewandte Chemie</i> , 2020, 132, 20183-20191.	1.6	4
44	Directed Assembly of Soft Anisotropic Nanoparticles by Colloid Electrospinning. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1598-1602.	2.0	1
45	Ultrasmlal Nanocapsules Obtained by Controlling Ostwald Ripening. <i>Angewandte Chemie</i> , 2021, 133, 18242-18250.	1.6	0