Shuai Jiang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6529894/publications.pdf

Version: 2024-02-01

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	Modulating Protein Corona and Materialsâ€“Cell Interactions with Temperatureâ€Responsive Materials. Advanced Functional Materials, 2022, 32, .	7.8	18
2	Synthetic Silica Nanoâ€Organelles for Regulation of Cascade Reactions in Multiâ€Compartmentalized Systems. Angewandte Chemie, 2022, 134, .	1.6	8
3	Temperatureâ€Responsive Nanoparticles Enable Specific Binding of Apolipoproteins from Human Plasma. Small, 2022, 18, e2103138.	5.2	8
4	Synthetic Silica Nanoâ€Organelles for Regulation of Cascade Reactions in Multiâ€Compartmentalized Systems. Angewandte Chemie - International Edition, 2022, 61, .	7.2	25
5	Piezoelectric Nylonâ€11 Fibers for Electronic Textiles, Energy Harvesting and Sensing. Advanced Functional Materials, 2021, 31, 2004326.	7.8	70
6	Encapsulation of polyprodrugs enables an efficient and controlled release of dexamethasone. Nanoscale Horizons, 2021, 6, 791-800.	4.1	5
7	Brush Conformation of Polyethylene Glycol Determines the Stealth Effect of Nanocarriers in the Low Protein Adsorption Regime. Nano Letters, 2021, 21, 1591-1598.	4.5	87
8	Biodegradable Harmonophores for Targeted High-Resolution In Vivo Tumor Imaging. ACS Nano, 2021, 15, 4144-4154.	7.3	11
9	Ultrasmall Nanocapsules Obtained by Controlling Ostwald Ripening. Angewandte Chemie - International Edition, 2021, 60, 18094-18102.	7.2	24
10	Ultrasmall Nanocapsules Obtained by Controlling Ostwald Ripening. Angewandte Chemie, 2021, 133, 18242-18250.	1.6	0
11	Design of Nanostructured Protective Coatings with a Sensing Function. ACS Applied Materials & Interfaces, 2021, 13, 53046-53054.	4.0	14
12	Controlling protein interactions in blood for effective liver immunosuppressive therapy by silica nanocapsules. Nanoscale, 2020, 12, 2626-2637.	2.8	26
13	One-Step Preparation of Fuel-Containing Anisotropic Nanocapsules with Stimuli-Regulated Propulsion. ACS Nano, 2020, 14, 498-508.	7.3	18
14	Nanovaccine impact on dendritic cells: transcriptome analysis enables new insights into antigen and adjuvant effects. Nanomedicine, 2020, 15, 2053-2069.	1.7	5
15	Covalent Triazine Framework Nanoparticles via Sizeâ€Controllable Confinement Synthesis for Enhanced Visibleâ€Light Photoredox Catalysis. Angewandte Chemie, 2020, 132, 18526-18531.	1.6	6
16	Covalent Triazine Framework Nanoparticles via Sizeâ€Controllable Confinement Synthesis for Enhanced Visibleâ€Light Photoredox Catalysis. Angewandte Chemie - International Edition, 2020, 59, 18368-18373.	7.2	60
17	Synergistic Anticancer Therapy by Ovalbumin Encapsulationâ€Enabled Tandem Reactive Oxygen Species Generation. Angewandte Chemie - International Edition, 2020, 59, 20008-20016.	7.2	48
18	Synergistic Anticancer Therapy by Ovalbumin Encapsulationâ€Enabled Tandem Reactive Oxygen Species Generation. Angewandte Chemie, 2020, 132, 20183-20191.	1.6	4

#	Article	IF	Citations
19	Preparation of the protein corona: How washing shapes the proteome and influences cellular uptake of nanocarriers. Acta Biomaterialia, 2020, 114, 333-342.	4.1	11
20	Silica Nanocapsules with Different Sizes and Physicochemical Properties as Suitable Nanocarriers for Uptake in T-Cells . International Journal of Nanomedicine, 2020, Volume 15, 6069-6084.	3.3	14
21	Cellular Uptake of siRNA-Loaded Nanocarriers to Knockdown PD-L1: Strategies to Improve T-cell Functions. Cells, 2020, 9, 2043.	1.8	7
22	Aqueous core and hollow silica nanocapsules for confined enzyme modules. Nanoscale, 2020, 12, 24266-24272.	2.8	12
23	Versatile Preparation of Silica Nanocapsules for Biomedical Applications. Particle and Particle Systems Characterization, 2020, 37, 1900484.	1.2	22
24	Self-healing isocyanate microcapsules for efficient restoration of fracture damage of polyurethane and epoxy resins. Journal of Materials Science, 2019, 54, 8262-8275.	1.7	45
25	Promising approaches to improve the performances of hybrid nonâ€isocyanate polyurethane. Polymer International, 2019, 68, 651-660.	1.6	18
26	Effect of carbon fiberâ€graphene oxide multiscale reinforcements on the thermoâ€mechanical properties of polyurethane elastomer. Polymer Composites, 2019, 40, E953.	2.3	12
27	Visible light active nanofibrous membrane for antibacterial wound dressing. Nanoscale Horizons, 2018, 3, 439-446.	4.1	41
28	Delivering all in one: Antigen-nanocapsule loaded with dual adjuvant yields superadditive effects by DC-directed T cell stimulation. Journal of Controlled Release, 2018, 289, 23-34.	4.8	33
29	Critical transition of epoxy resin from brittleness to toughness by incorporating CO2-sourced cyclic carbonate. Journal of CO2 Utilization, 2018, 26, 302-313.	3.3	17
30	Redâ€Lightâ€Controlled Release of Drugâ€“Ru Complex Conjugates from Metallopolymer Micelles for Phototherapy in Hypoxic Tumor Environments. Advanced Functional Materials, 2018, 28, 1804227.	7.8	82
31	Redox-responsive release of active payloads from depolymerized nanoparticles. RSC Advances, 2017, 7, 8272-8279.	1.7	18
32	Non-isocyanate polyurethane/epoxy hybrid materials with different and controlled architectures prepared from a CO₂-sourced monomer and epoxy via an environmentally-friendly route. RSC Advances, 2017, 7, 28841-28852.	1.7	43
33	Nanofibrous photocatalysts from electrospun nanocapsules. Nanotechnology, 2017, 28, 405601.	1.3	10
34	The structure of fibers produced by colloid-electrospinning depends on the aggregation state of particles in the electrospinning feed. Polymer, 2017, 127, 101-105.	1.8	17
35	Facile and cost-effective synthesis of isocyanate microcapsules via polyvinyl alcohol-mediated interfacial polymerization and their application in self-healing materials. Composites Science and Technology, 2017, 138, 15-23.	3.8	61
36	Tailoring nanoarchitectonics to control the release profile of payloads. Nanoscale, 2016, 8, 11511-11517.	2.8	33

#	Article	IF	Citations
37	Multiscale graphene oxideâ€“carbon fiber reinforcements for advanced polyurethane composites. Composites Part A: Applied Science and Manufacturing, 2016, 87, 1-9.	3.8	71
38	Nanocontainers in and onto Nanofibers. Accounts of Chemical Research, 2016, 49, 816-823.	7.6	50
39	Effect of silane treatment on the mechanical properties of polyurethane/water glass grouting materials. Construction and Building Materials, 2016, 116, 110-120.	3.2	50
40	Directed Assembly of Soft Anisotropic Nanoparticles by Colloid Electrospinning. Macromolecular Rapid Communications, 2016, 37, 1598-1602.	2.0	1
41	Dual-responsive multicompartment nanofibers for controlled release of payloads. RSC Advances, 2016, 6, 43767-43770.	1.7	11
42	Control of the release of functional payloads from redox-responsive nanocapsules. RSC Advances, 2016, 6, 104330-104337.	1.7	8
43	Efficient Nanofibrous Membranes for Antibacterial Wound Dressing and UV Protection. ACS Applied Materials & Interfaces, 2016, 8, 29915-29922.	4.0	75
44	Advanced stimuli-responsive polymer nanocapsules with enhanced capabilities for payloads delivery. Polymer Chemistry, 2015, 6, 4197-4205.	1.9	68
45	Effect of surface silanization of carbon fiber on mechanical properties of carbon fiber reinforced polyurethane composites. Composites Science and Technology, 2015, 110, 87-94.	3.8	158