Ting Wang

List of Publications by Year
in descending order

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		430874	526287
27	1,158	18	27
papers	citations	h-index	g-index

27	27	27	1639
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Self-healing, superhydrophobic coating based on mechanized silica nanoparticles for reliable protection of magnesium alloys. Journal of Materials Chemistry A, 2016, 4, 8041-8052.	10.3	144
2	Highâ€Performance Poly(vinylidene difluoride)/Dopamine Core/Shell Piezoelectric Nanofiber and Its Application for Biomedical Sensors. Advanced Materials, 2021, 33, e2006093.	21.0	114
3	Soft Graphene Nanofibers Designed for the Acceleration of Nerve Growth and Development. Advanced Materials, 2015, 27, 6462-6468.	21.0	100
4	Triple-Stimuli-Responsive Smart Nanocontainers Enhanced Self-Healing Anticorrosion Coatings for Protection of Aluminum Alloy. ACS Applied Materials & Interfaces, 2019, 11, 4425-4438.	8.0	82
5	Mono-benzimidazole functionalized Î²-cyclodextrins as supramolecular nanovalves for pH-triggered release of p-coumaric acid. Chemical Communications, 2014, 50, 12469-12472.	4.1	68
6	Core/Shell Piezoelectric Nanofibers with Spatial Self-Orientated Î²-Phase Nanocrystals for Real-Time Micropressure Monitoring of Cardiovascular Walls. ACS Nano, 2019, 13, 10062-10073.	14.6	66
7	Redox-triggered controlled release systems-based bi-layered nanocomposite coating with synergistic self-healing property. Journal of Materials Chemistry A, 2017, 5, 1756-1768.	10.3	57
8	Preparation, characterization and applications of low-molecular-weight alginateâ€“oligochitosan nanocapsules. Nanoscale, 2010, 2, 230-239.	5.6	53
9	Design of high conductive and piezoelectric poly (3,4-ethylenedioxythiophene)/chitosan nanofibers for enhancing cellular electrical stimulation. Journal of Colloid and Interface Science, 2020, 559, 65-75.	9.4	48
10	Nanovalves-Based Bacteria-Triggered, Self-Defensive Antibacterial Coating: Using Combination Therapy, Dual Stimuli-Responsiveness, and Multiple Release Modes for Treatment of Implant-Associated Infections. Chemistry of Materials, 2017, 29, 8325-8337.	6.7	47
11	Single Lipid Bilayers Constructed on Polymer Cushion Studied by Sum Frequency Generation Vibrational Spectroscopy. Journal of Physical Chemistry C, 2011, 115, 7613-7620.	3.1	39
12	Voltage/pH-Driven Mechanized Silica Nanoparticles for the Multimodal Controlled Release of Drugs. ACS Applied Materials & Interfaces, 2015, 7, 21295-21304.	8.0	39
13	Multiple Physical Cross-Linker Strategy To Achieve Mechanically Tough and Reversible Properties of Double-Network Hydrogels in Bulk and on Surfaces. ACS Applied Polymer Materials, 2019, 1, 701-713.	4.4	39
14	Acid and light stimuli-responsive mesoporous silica nanoparticles for controlled release. Journal of Materials Science, 2019, 54, 6199-6211.	3.7	38
15	Micellar-incorporated hydrogels with highly tough, mechanoresponsive, and self-recovery properties for strain-induced color sensors. Journal of Materials Chemistry C, 2018, 6, 11536-11551.	5.5	36
16	Erythropoietin-loaded oligochitosan nanoparticles for treatment of periventricular leukomalacia. International Journal of Pharmaceutics, 2012, 422, 462-471.	5.2	31
17	Dual pH-Mediated Mechanized Hollow Zirconia Nanospheres. ACS Applied Materials & Interfaces, 2016, 8, 23289-23301.	8.0	26
18	Dopamine/zinc oxide doped poly(N-hydroxyethyl acrylamide)/agar dual network hydrogel with super self-healing, antibacterial and tissue adhesion functions designed for transdermal patch. Journal of Materials Chemistry B, 2021, 9, 5492-5502.	5.8	21

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19	High Entrapment Efficiency of Chitosan/Polylactic Acid/Tripolyphotspate Nanosized Microcapsules for Rapamycin by an Emulsion-Evaporation Approach. Journal of Biomedical Nanotechnology, 2010, 6, 725-728.	1.1	20
20	Light scattering based analyses of the effects of bovine serum proteins on interactions of magnetite spherical particles with cells. Chinese Chemical Letters, 2018, 29, 1291-1295.	9.0	20
21	Cell activity modulation and its specific function maintenance by bioinspired electromechanical nanogenerator. Science Advances, 2021, 7, eabh2350.	10.3	17
22	In situ wound sprayable double-network hydrogel: Preparation and characterization. Chinese Chemical Letters, 2022, 33, 1963-1969.	9.0	15
23	A Novel Preparation of Nanocapsules from Alginate-Oligochitosan. Journal of Nanoscience and Nanotechnology, 2007, 7, 4571-4574.	0.9	13
24	Revealing Molecular-Level Interaction between a Polymeric Drug and Model Membrane Via Sum Frequency Generation and Microfluidics. Langmuir, 2020, 36, 1615-1622.	3.5	9
25	Real-time investigation of interactions between nanoparticles and cell membrane model. Colloids and Surfaces B: Biointerfaces, 2018, 164, 70-77.	5.0	7
26	Importance of Polyacrylamide Hydrogel Diverse Chains and Cross-Linking Density for Cell Proliferation, Aging, and Death. Langmuir, 2019, 35, 13999-14006.	3.5	6
27	Post-self-repair process of neuron cells under the influence of neutral and cationic nanoparticles. Chinese Chemical Letters, 2019, 30, 2368-2374.	9.0	3