

Yun Tan

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

658
citations

759233

12
h-index

752698

20
g-index

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all docs

20
docs citations

20
times ranked

920
citing authors

#	ARTICLE	IF	CITATIONS
1	Bionic Scarfskin-Inspired Hierarchy Configuration toward Tunable Microwave-Absorbing Performance. ACS Applied Materials & Interfaces, 2022, , .	8.0	4
2	Physical Cross-Linkage Constructed Supramolecular Conductive Hydrogel as Sustainable and Remolded Epidermal Electronics. ACS Applied Polymer Materials, 2022, 4, 2585-2594.	4.4	6
3	Rational Design of Thermosensitive Hydrogel to Deliver Nanocrystals with Intranasal Administration for Brain Targeting in Parkinson's Disease. Research, 2021, 2021, 9812523.	5.7	12
4	Multidimensional gradient hydrogel and its application in sustained release. Colloid and Polymer Science, 2020, 298, 1187-1195.	2.1	4
5	Dual Cross-Linked Ion-Based Temperature-Responsive Conductive Hydrogels with Multiple Sensors and Steady Electrocardiogram Monitoring. Chemistry of Materials, 2020, 32, 7670-7678.	6.7	54
6	A natural cordycepin/chitosan complex hydrogel with outstanding self-healable and wound healing properties. International Journal of Biological Macromolecules, 2019, 134, 91-99.	7.5	60
7	Ultra-strong mechanical property and force-driven malleability of water-poor hydrogels. Journal of Colloid and Interface Science, 2019, 542, 281-288.	9.4	9
8	Tuning morphology and mechanical property of polyacrylamide/Laponite/titania dual nanocomposite hydrogels by titania. Polymer Composites, 2019, 40, E466.	4.6	20
9	Fast swelling behaviors of thermosensitive poly(<i>N</i> -isopropylacrylamide-co- <i>N</i> -methacryloyloxyethyltrimethyl ammonium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Science, 2018, 135, 46375.	2.6	10
10	A Fast, Reversible, and Robust Gradient Nanocomposite Hydrogel Actuator with Water-Promoted Thermal Response. Macromolecular Rapid Communications, 2018, 39, e1700863.	3.9	60
11	Super tough bentonite/SiO ₂ -based dual nanocomposite hydrogels using silane as both an intercalator and a crosslinker. Applied Clay Science, 2018, 156, 53-60.	5.2	16
12	Photothermal Nanocomposite Hydrogel Actuator with Electric-Field-Induced Gradient and Oriented Structure. ACS Applied Materials & Interfaces, 2018, 10, 7688-7692.	8.0	137
13	Strengthening Network of Polyacrylic Acid/Silica Nanocomposite Hydrogels. Polymer Composites, 2018, 39, 3969-3976.	4.6	10
14	Rapid Recovery Hydrogel Actuators in Air with Bionic Large-Ranged Gradient Structure. ACS Applied Materials & Interfaces, 2018, 10, 40125-40131.	8.0	89
15	Strengthening mechanism of poly(acrylamide)/graphene oxide/laponite dual nanocomposite hydrogels. Journal of Applied Polymer Science, 2017, 134, .	2.6	18
16	Dispersion and rheological behaviors of laponite in 2-acrylamido-2-methylpropanesulfonic acid solution. Applied Clay Science, 2017, 137, 94-100.	5.2	5
17	A gradient Laponite-crosslinked nanocomposite hydrogel with anisotropic stress and thermo-response. Applied Clay Science, 2017, 148, 77-82.	5.2	25
18	Synthesis and characterization of a porous and hydrophobic cellulose-based composite for efficient and fast oil-water separation. Carbohydrate Polymers, 2016, 140, 188-194.	10.2	66

#	ARTICLE	IF	CITATIONS
19	A facile approach to prepare strong poly(acrylic acid)/LAPONITE® ionic nanocomposite hydrogels at high clay concentrations. RSC Advances, 2015, 5, 60152-60160.	3.6	19
20	Electric field-induced gradient strength in nanocomposite hydrogel through gradient crosslinking of clay. Journal of Materials Chemistry B, 2015, 3, 4426-4430.	5.8	34