

Yun Tan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7954240/publications.pdf>

Version: 2024-02-01

20
papers

658
citations

759233

12
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

920
citing authors

#	ARTICLE	IF	CITATIONS
1	Photothermal Nanocomposite Hydrogel Actuator with Electric-Field-Induced Gradient and Oriented Structure. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 7688-7692.	8.0	137
2	Rapid Recovery Hydrogel Actuators in Air with Bionic Large-Ranged Gradient Structure. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 40125-40131.	8.0	89
3	Synthesis and characterization of a porous and hydrophobic cellulose-based composite for efficient and fast oil/water separation. <i>Carbohydrate Polymers</i> , 2016, 140, 188-194.	10.2	66
4	A Fast, Reversible, and Robust Gradient Nanocomposite Hydrogel Actuator with Water-Promoted Thermal Response. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1700863.	3.9	60
5	A natural cordycepin/chitosan complex hydrogel with outstanding self-healable and wound healing properties. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 91-99.	7.5	60
6	Dual Cross-Linked Ion-Based Temperature-Responsive Conductive Hydrogels with Multiple Sensors and Steady Electrocardiogram Monitoring. <i>Chemistry of Materials</i> , 2020, 32, 7670-7678.	6.7	54
7	Electric field-induced gradient strength in nanocomposite hydrogel through gradient crosslinking of clay. <i>Journal of Materials Chemistry B</i> , 2015, 3, 4426-4430.	5.8	34
8	A gradient Laponite-crosslinked nanocomposite hydrogel with anisotropic stress and thermo-response. <i>Applied Clay Science</i> , 2017, 148, 77-82.	5.2	25
9	Tuning morphology and mechanical property of polyacrylamide/Laponite/titania dual nanocomposite hydrogels by titania. <i>Polymer Composites</i> , 2019, 40, E466.	4.6	20
10	A facile approach to prepare strong poly(acrylic acid)/LAPONITE® ionic nanocomposite hydrogels at high clay concentrations. <i>RSC Advances</i> , 2015, 5, 60152-60160.	3.6	19
11	Strengthening mechanism of poly(acrylamide)/graphene oxide/laponite dual nanocomposite hydrogels. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	18
12	Super tough bentonite/SiO ₂ -based dual nanocomposite hydrogels using silane as both an intercalator and a crosslinker. <i>Applied Clay Science</i> , 2018, 156, 53-60.	5.2	16
13	Rational Design of Thermosensitive Hydrogel to Deliver Nanocrystals with Intranasal Administration for Brain Targeting in Parkinson's Disease. <i>Research</i> , 2021, 2021, 9812523.	5.7	12
14	Fast swelling behaviors of thermosensitive poly(<i>N</i> -isopropylacrylamide-co- <i>N</i> -methacryloxyethyltrimethyl ammonium) Tj ETQq0 0 0 rgBT /OverJock 10 Tf 50 222 Td Science, 2018, 135, 46375.	2.6	10
15	Strengthening Network of Polyacrylic Acid/Silica Nanocomposite Hydrogels. <i>Polymer Composites</i> , 2018, 39, 3969-3976.	4.6	10
16	Ultra-strong mechanical property and force-driven malleability of water-poor hydrogels. <i>Journal of Colloid and Interface Science</i> , 2019, 542, 281-288.	9.4	9
17	Physical Cross-Linkage Constructed Supramolecular Conductive Hydrogel as Sustainable and Remolded Epidermal Electronics. <i>ACS Applied Polymer Materials</i> , 2022, 4, 2585-2594.	4.4	6
18	Dispersion and rheological behaviors of laponite in 2-acrylamido-2-methylpropanesulfonic acid solution. <i>Applied Clay Science</i> , 2017, 137, 94-100.	5.2	5

#	ARTICLE	IF	CITATIONS
19	Multidimensional gradient hydrogel and its application in sustained release. <i>Colloid and Polymer Science</i> , 2020, 298, 1187-1195.	2.1	4
20	Bionic Scarfskin-Inspired Hierarchy Configuration toward Tunable Microwave-Absorbing Performance. <i>ACS Applied Materials & Interfaces</i> , 2022, , .	8.0	4