

Quan Lin

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,829
citations

186265

28
h-index

175258

52
g-index

61
all docs

61
docs citations

61
times ranked

3277
citing authors

#	ARTICLE	IF	CITATIONS
1	Skin-Inspired Antibacterial Conductive Hydrogels for Epidermal Sensors and Diabetic Foot Wound Dressings. <i>Advanced Functional Materials</i> , 2019, 29, 1901474.	14.9	371
2	Supramolecular Adhesive Hydrogels for Tissue Engineering Applications. <i>Chemical Reviews</i> , 2022, 122, 5604-5640.	47.7	238
3	pH- and Temperature-Sensitive Hydrogel Nanoparticles with Dual Photoluminescence for Bioprobes. <i>ACS Nano</i> , 2016, 10, 5856-5863.	14.6	195
4	Muscle-Inspired MXene Conductive Hydrogels with Anisotropy and Low-Temperature Tolerance for Wearable Flexible Sensors and Arrays. <i>Advanced Functional Materials</i> , 2021, 31, 2105264.	14.9	171
5	One-step synthesis of photoluminescent carbon dots with excitation-independent emission for selective bioimaging and gene delivery. <i>Journal of Colloid and Interface Science</i> , 2017, 492, 1-7.	9.4	112
6	Cysteine-directed fluorescent gold nanoclusters for the sensing of pyrophosphate and alkaline phosphatase. <i>Journal of Materials Chemistry C</i> , 2014, 2, 4080.	5.5	106
7	A Galvanic Replacement Route to Prepare Strongly Fluorescent and Highly Stable Gold Nanodots for Cellular Imaging. <i>Small</i> , 2013, 9, 413-420.	10.0	99
8	Lanthanide complex/polymer composite optical resin with intense narrow band emission, high transparency and good mechanical performance. <i>Journal of Materials Chemistry</i> , 2003, 13, 2279.	6.7	85
9	Regulation of inflammatory microenvironment using a self-healing hydrogel loaded with BM-MSCs for advanced wound healing in rat diabetic foot ulcers. <i>Journal of Tissue Engineering</i> , 2020, 11, 204173142094724.	5.5	75
10	Enhanced osseointegration of three-dimensional supramolecular bioactive interface through osteoporotic microenvironment regulation. <i>Theranostics</i> , 2020, 10, 4779-4794.	10.0	73
11	Novel Diabetic Foot Wound Dressing Based on Multifunctional Hydrogels with Extensive Temperature-Tolerant, Durable, Adhesive, and Intrinsic Antibacterial Properties. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26770-26781.	8.0	73
12	Photoluminescent carbon dots synthesized by microwave treatment for selective image of cancer cells. <i>Journal of Colloid and Interface Science</i> , 2015, 456, 1-6.	9.4	70
13	Balloon Inspired Conductive Hydrogel Strain Sensor for Reducing Radiation Damage in Peritumoral Organs During Brachytherapy. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	65
14	A Simple Reducing Approach Using Amine To Give Dual Functional EuSe Nanocrystals and Morphological Tuning. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7587-7591.	13.8	61
15	Photoluminescent Smart Hydrogels with Reversible and Linear Thermoresponses. <i>Small</i> , 2010, 6, 2673-2677.	10.0	59
16	Near infrared Ag/Au alloy nanoclusters: Tunable photoluminescence and cellular imaging. <i>Journal of Colloid and Interface Science</i> , 2014, 416, 274-279.	9.4	58
17	pH-responsive hydrogel loaded with insulin as a bioactive dressing for enhancing diabetic wound healing. <i>Materials and Design</i> , 2021, 210, 110104.	7.0	56
18	Biomimetic Composite Scaffolds to Manipulate Stem Cells for Aiding Rheumatoid Arthritis Management. <i>Advanced Functional Materials</i> , 2019, 29, 1807860.	14.9	54

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19	Injectable hydrogel-loaded nano-hydroxyapatite that improves bone regeneration and alveolar ridge promotion. <i>Materials Science and Engineering C</i> , 2020, 116, 111158.	7.3	51
20	Rapid Sonochemical Synthesis of Luminescent and Paramagnetic Copper Nanoclusters for Bimodal Bioimaging. <i>ChemNanoMat</i> , 2015, 1, 27-31.	2.8	50
21	Interfacing a Tetraphenylethene Derivative and a Smart Hydrogel for Temperature-Dependent Photoluminescence with Sensitive Thermoresponse. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 4650-4657.	8.0	47
22	Bioinspired mineral hydrogels as nanocomposite scaffolds for the promotion of osteogenic marker expression and the induction of bone regeneration in osteoporosis. <i>Acta Biomaterialia</i> , 2020, 113, 614-626.	8.3	47
23	Transparent Conductive Supramolecular Hydrogels with Stimuli-Responsive Properties for On-Demand Dissolvable Diabetic Foot Wound Dressings. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000441.	3.9	41
24	Nanoclusters prepared from a silver/gold alloy as a fluorescent probe for selective and sensitive determination of lead(II). <i>Mikrochimica Acta</i> , 2015, 182, 695-701.	5.0	38
25	Thermo-responsive photoluminescent polymer brushes device as a platform for selective detection of Cr(vi). <i>Polymer Chemistry</i> , 2013, 4, 5591.	3.9	35
26	A novel fluorescent polymer brushes film as a device for ultrasensitive detection of TNT. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1201-1206.	10.3	33
27	Tunable near-infrared fluorescent gold nanoclusters: temperature sensor and targeted bioimaging. <i>New Journal of Chemistry</i> , 2017, 41, 5412-5419.	2.8	33
28	Polycation-functionalized gold nanodots with tunable near-infrared fluorescence for simultaneous gene delivery and cell imaging. <i>Nano Research</i> , 2018, 11, 2392-2404.	10.4	30
29	Infliximab-based self-healing hydrogel composite scaffold enhances stem cell survival, engraftment, and function in rheumatoid arthritis treatment. <i>Acta Biomaterialia</i> , 2021, 121, 653-664.	8.3	29
30	Biodegradable Micelles for NIR/GSH-Triggered Chemophototherapy of Cancer. <i>Nanomaterials</i> , 2019, 9, 91.	4.1	27
31	Detection of Various Biomarkers and Enzymes via a Nanocluster-Based Fluorescence Turn-on Sensing Platform. <i>Analytical Chemistry</i> , 2018, 90, 14578-14585.	6.5	23
32	Dynamically crosslinked carbon dots/biopolymer hydrogels exhibiting fluorescence and multi-stimuli logic-gate responses. <i>Polymer Chemistry</i> , 2018, 9, 2478-2483.	3.9	22
33	Engineering Multifunctional Hydrogel-Integrated 3D Printed Bioactive Prosthetic Interfaces for Osteoporotic Osseointegration. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102535.	7.6	22
34	Bone mesenchymal stem cells are recruited via CXCL8-CXCR2 and promote EMT through TGF- β 2 signal pathways in oral squamous carcinoma. <i>Cell Proliferation</i> , 2020, 53, e12859.	5.3	21
35	Gold-Cluster-Based Dual-Emission Nanocomposite Film as Ratiometric Fluorescent Sensing Paper for Specific Metal Ion. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1700471.	2.3	19
36	Red fluorescent AuNDs with conjugation of cholera toxin subunit B (CTB) for extended-distance retro-nerve transporting and long-time neural tracing. <i>Acta Biomaterialia</i> , 2020, 102, 394-402.	8.3	19

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37	Fluorometric "Turn-On" glucose sensing through the in situ generation of silver nanoclusters. RSC Advances, 2017, 7, 1396-1400.	3.6	18
38	UCNP-based Photoluminescent Nanomedicines for Targeted Imaging and Theranostics of Cancer. Molecules, 2020, 25, 4302.	3.8	16
39	pH-responsive copper-cluster-based dual-emission ratiometric fluorescent probe for imaging of bacterial metabolism. Talanta, 2021, 221, 121621.	5.5	15
40	AuNCs@LHRHa nano-system for FL/CT dual-mode imaging and photothermal therapy of targeted prostate cancer. Journal of Materials Chemistry B, 2022, 10, 5182-5190.	5.8	15
41	Fabricating a binary pattern of ordered two-dimensional luminescent (mdppy)BF arrays by dewetting. Journal of Materials Chemistry, 2006, 16, 2135.	6.7	14
42	Hydrogel Composites with Different Dimensional Nanoparticles for Bone Regeneration. Macromolecular Rapid Communications, 2021, 42, e2100362.	3.9	14
43	Fluorescence-Magnetism Functional EuS Nanocrystals with Controllable Morphologies for Dual Bioimaging. ACS Applied Materials & Interfaces, 2016, 8, 33539-33545.	8.0	13
44	Study on emulsion and suspension in situ polymerization. Journal of Applied Polymer Science, 2005, 95, 404-412.	2.6	12
45	A Novel Temperature-Dependent Hydrogel Emulsion with Sol/Gel Reversible Phase Transition Behavior Based on Polystyrene-co-poly(N-isopropylacrylamide)/Poly(N-isopropylacrylamide) Core-Shell Nanoparticle. Macromolecular Rapid Communications, 2021, 42, e2000507.	3.9	11
46	A Novel Conductive Antibacterial Nanocomposite Hydrogel Dressing for Healing of Severely Infected Wounds. Frontiers in Chemistry, 2021, 9, 787886.	3.6	11
47	From two-dimensional metal-organic coordination networks to near-infrared luminescent PbS nanoparticle/layered polymer composite materials. Nano Research, 2008, 1, 195-202.	10.4	9
48	Fluorescent small Au nanodots prepared from large Ag nanoparticles for targeting and imaging cancer cells. RSC Advances, 2015, 5, 52088-52094.	3.6	8
49	Polystyrene@poly(ar-vinylbenzyl)trimethylammonium-co-acrylic acid core/shell pH-responsive nanoparticles for active targeting and imaging of cancer cell based on aggregation induced emission. Mikrochimica Acta, 2020, 187, 166.	5.0	8
50	Construction of Intelligent Responsive Drug Delivery System and Multi-Mode Imaging Based on Gold Nanodots. Macromolecular Rapid Communications, 2022, 43, e2200034.	3.9	8
51	Tunable luminescence in full color region based on CdSe/EuxSey hybrid nanocrystals. RSC Advances, 2013, 3, 22849.	3.6	7
52	Fluorescent probe gold nanodots to quick detect Cr(VI) via oxidoreduction quenching process. Science China Chemistry, 2019, 62, 133-141.	8.2	7
53	Dual-emission hydrogel nanoparticles with linear and reversible luminescence-response to pH for intracellular fluorescent probes. Talanta, 2020, 211, 120755.	5.5	6
54	Ultrasmall Red Fluorescent Gold Nanoclusters for Highly Biocompatible and Long-Time Nerve Imaging. Particle and Particle Systems Characterization, 2021, 38, 2100001.	2.3	6

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55	Synthesis and characterization of ABS resin using in situ transferring from emulsion to suspension polymerization. <i>Polymer International</i> , 2007, 56, 195-199.	3.1	4
56	Gold nanodots with stable red fluorescence for rapid dual-mode imaging of spinal cord and injury monitoring. <i>Talanta</i> , 2022, 241, 123241.	5.5	4
57	Large-scale Synthesis of Flexible, Stable, and Transparent MoS ₂ Quantum Dots/Polyvinyl Alcohol Sensing Film. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1800189.	2.3	3
58	A Novel Strategy to Synthesize Dual Blue Fluorescent Magnetic EuCl ₂ Nanocrystals via One-Pot Method with Controlled Morphologies Using Urea. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1800106.	2.3	3
59	Preparation of fluorescent poly(methylmethacrylate) nano capsules via internal phase separation. <i>E-Polymers</i> , 2007, 7, .	3.0	2
60	Polymeric Nanospheres Containing Rare Earth Complexes and Colloidal Crystals with Luminescent Properties. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1471, 7.	0.1	0