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List of Publications by Year
in descending order

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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	Supramolecular Adhesive Hydrogels for Tissue Engineering Applications. Chemical Reviews, 2022, 122, 5604-5640.	47.7	238
2	Gold nanodots with stable red fluorescence for rapid dual-mode imaging of spinal cord and injury monitoring. Talanta, 2022, 241, 123241.	5.5	4
3	Engineering Multifunctional Hydrogelâ€Integrated 3D Printed Bioactive Prosthetic Interfaces for Osteoporotic Osseointegration. Advanced Healthcare Materials, 2022, 11, e2102535.	7.6	22
4	Balloon Inspired Conductive Hydrogel Strain Sensor for Reducing Radiation Damage in Peritumoral Organs During Brachytherapy. Advanced Functional Materials, 2022, 32, .	14.9	65
5	Construction of Intelligent Responsive Drug Delivery System and Multiâ€Mode Imaging Based on Gold Nanodots. Macromolecular Rapid Communications, 2022, 43, e2200034.	3.9	8
6	AuNCsâ€“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
7	pH-responsive copper-cluster-based dual-emission ratiometric fluorescent probe for imaging of bacterial metabolism. Talanta, 2021, 221, 121621.	5.5	15
8	Infliximab-based self-healing hydrogel composite scaffold enhances stem cell survival, engraftment, and function in rheumatoid arthritis treatment. Acta Biomaterialia, 2021, 121, 653-664.	8.3	29
9	A Novel Temperatureâ€Dependent Hydrogel Emulsion with Sol/Gel Reversible Phase Transition Behavior Based on Polystyreneâ€coâ€poly(Nâ€isopropylacrylamide)/Poly(Nâ€isopropylacrylamide) Coreâ€“Shell Nanoparticle. Macromolecular Rapid Communications, 2021, 42, e2000507.	3.9	11
10	Ultrasmall Red Fluorescent Gold Nanoclusters for Highly Biocompatible and Longâ€Time Nerve Imaging. Particle and Particle Systems Characterization, 2021, 38, 2100001.	2.3	6
11	Novel Diabetic Foot Wound Dressing Based on Multifunctional Hydrogels with Extensive Temperature-Tolerant, Durable, Adhesive, and Intrinsic Antibacterial Properties. ACS Applied Materials & Interfaces, 2021, 13, 26770-26781.	8.0	73
12	Muscleâ€Inspired MXene Conductive Hydrogels with Anisotropy and Lowâ€Temperature Tolerance for Wearable Flexible Sensors and Arrays. Advanced Functional Materials, 2021, 31, 2105264.	14.9	171
13	Hydrogel Composites with Different Dimensional Nanoparticles for Bone Regeneration. Macromolecular Rapid Communications, 2021, 42, e2100362.	3.9	14
14	pH-responsive hydrogel loaded with insulin as a bioactive dressing for enhancing diabetic wound healing. Materials and Design, 2021, 210, 110104.	7.0	56
15	A Novel Conductive Antibacterial Nanocomposite Hydrogel Dressing for Healing of Severely Infected Wounds. Frontiers in Chemistry, 2021, 9, 787886.	3.6	11
16	Red fluorescent AuNDs with conjugation of cholera toxin subunit B (CTB) for extended-distance retro-nerve transporting and long-time neural tracing. Acta Biomaterialia, 2020, 102, 394-402.	8.3	19
17	UCNP-based Photoluminescent Nanomedicines for Targeted Imaging and Theranostics of Cancer. Molecules, 2020, 25, 4302.	3.8	16
18	Transparent Conductive Supramolecular Hydrogels with Stimuliâ€Responsive Properties for Onâ€Demand Dissolvable Diabetic Foot Wound Dressings. Macromolecular Rapid Communications, 2020, 41, e2000441.	3.9	41

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19	Regulation of inflammatory microenvironment using a self-healing hydrogel loaded with BM-MSCs for advanced wound healing in rat diabetic foot ulcers. Journal of Tissue Engineering, 2020, 11, 204173142094724.	5.5	75
20	Bioinspired mineral hydrogels as nanocomposite scaffolds for the promotion of osteogenic marker expression and the induction of bone regeneration in osteoporosis. Acta Biomaterialia, 2020, 113, 614-626.	8.3	47
21	Injectable hydrogel-loaded nano-hydroxyapatite that improves bone regeneration and alveolar ridge promotion. Materials Science and Engineering C, 2020, 116, 111158.	7.3	51
22	Bone mesenchymal stem cells are recruited via CXCL8â€CXCR2 and promote EMT through TGFâ€Î²2 signal pathways in oral squamous carcinoma. Cell Proliferation, 2020, 53, e12859.	5.3	21
23	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
24	Dual-emission hydrogel nanoparticles with linear and reversible luminescence-response to pH for intracellular fluorescent probes. Talanta, 2020, 211, 120755.	5.5	6
25	Enhanced osseointegration of three-dimensional supramolecular bioactive interface through osteoporotic microenvironment regulation. Theranostics, 2020, 10, 4779-4794.	10.0	73
26	Biomimetic Composite Scaffolds to Manipulate Stem Cells for Aiding Rheumatoid Arthritis Management. Advanced Functional Materials, 2019, 29, 1807860.	14.9	54
27	Skinâ€Inspired Antibacterial Conductive Hydrogels for Epidermal Sensors and Diabetic Foot Wound Dressings. Advanced Functional Materials, 2019, 29, 1901474.	14.9	371
28	Fluorescent probe gold nanodots to quick detect Cr(VI) via oxidoreduction quenching process. Science China Chemistry, 2019, 62, 133-141.	8.2	7
29	Biodegradable Micelles for NIR/GSH-Triggered Chemophototherapy of Cancer. Nanomaterials, 2019, 9, 91.	4.1	27
30	Goldâ€Clusterâ€Based Dualâ€Emission Nanocomposite Film as Ratiometric Fluorescent Sensing Paper for Specific Metal Ion. Particle and Particle Systems Characterization, 2018, 35, 1700471.	2.3	19
31	Dynamically crosslinked carbon dots/biopolymer hydrogels exhibiting fluorescence and multi-stimuli logic-gate responses. Polymer Chemistry, 2018, 9, 2478-2483.	3.9	22
32	Polycation-functionalized gold nanodots with tunable near-infrared fluorescence for simultaneous gene delivery and cell imaging. Nano Research, 2018, 11, 2392-2404.	10.4	30
33	Detection of Various Biomarkers and Enzymes via a Nanocluster-Based Fluorescence Turn-on Sensing Platform. Analytical Chemistry, 2018, 90, 14578-14585.	6.5	23
34	Largeâ€Scale Synthesis of Flexible, Stable, and Transparent MoS₂ Quantum Dotsâ€Polyvinyl Alcohol Sensing Film. Particle and Particle Systems Characterization, 2018, 35, 1800189.	2.3	3
35	A Novel Strategy to Synthesize Dual Blue Fluorescentâ€Magnetic EuCl₂ Nanocrystals via Oneâ€Pot Method with Controlled Morphologies Using Urea. Particle and Particle Systems Characterization, 2018, 35, 1800106.	2.3	3
36	Tunable near-infrared fluorescent gold nanoclusters: temperature sensor and targeted bioimaging. New Journal of Chemistry, 2017, 41, 5412-5419.	2.8	33

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37	One-step synthesis of photoluminescent carbon dots with excitation-independent emission for selective bioimaging and gene delivery. Journal of Colloid and Interface Science, 2017, 492, 1-7.	9.4	112
38	Fluorometric â€œTurn-Onâ€•glucose sensing through the in situ generation of silver nanoclusters. RSC Advances, 2017, 7, 1396-1400.	3.6	18
39	pH- and Temperature-Sensitive Hydrogel Nanoparticles with Dual Photoluminescence for Bioprobes. ACS Nano, 2016, 10, 5856-5863.	14.6	195
40	Fluorescence-Magnetism Functional EuS Nanocrystals with Controllable Morphologies for Dual Bioimaging. ACS Applied Materials & Interfaces, 2016, 8, 33539-33545.	8.0	13
41	Rapid Sonochemical Synthesis of Luminescent and Paramagnetic Copper Nanoclusters for Bimodal Bioimaging. ChemNanoMat, 2015, 1, 27-31.	2.8	50
42	Fluorescent small Au nanodots prepared from large Ag nanoparticles for targeting and imaging cancer cells. RSC Advances, 2015, 5, 52088-52094.	3.6	8
43	Photoluminescent carbon dots synthesized by microwave treatment for selective image of cancer cells. Journal of Colloid and Interface Science, 2015, 456, 1-6.	9.4	70
44	Nanoclusters prepared from a silver/gold alloy as a fluorescent probe for selective and sensitive determination of lead(II). Mikrochimica Acta, 2015, 182, 695-701.	5.0	38
45	Interfacing a Tetraphenylethene Derivative and a Smart Hydrogel for Temperature-Dependent Photoluminescence with Sensitive Thermoresponse. ACS Applied Materials & Interfaces, 2014, 6, 4650-4657.	8.0	47
46	Cysteine-directed fluorescent gold nanoclusters for the sensing of pyrophosphate and alkaline phosphatase. Journal of Materials Chemistry C, 2014, 2, 4080.	5.5	106
47	Near infrared Ag/Au alloy nanoclusters: Tunable photoluminescence and cellular imaging. Journal of Colloid and Interface Science, 2014, 416, 274-279.	9.4	58
48	A Galvanic Replacement Route to Prepare Strongly Fluorescent and Highly Stable Gold Nanodots for Cellular Imaging. Small, 2013, 9, 413-420.	10.0	99
49	Tunable luminescence in full color region based on CdSe/EuxSey hybrid nanocrystals. RSC Advances, 2013, 3, 22849.	3.6	7
50	A novel fluorescent polymer brushes film as a device for ultrasensitive detection of TNT. Journal of Materials Chemistry A, 2013, 1, 1201-1206.	10.3	33
51	Thermo-responsive photoluminescent polymer brushes device as a platform for selective detection of Cr(vi). Polymer Chemistry, 2013, 4, 5591.	3.9	35
52	Polymeric Nanospheres Containing Rare Earth Complexes and Colloidal Crystals with Luminescent Properties. Materials Research Society Symposia Proceedings, 2012, 1471, 7.	0.1	0
53	A Simple Reducing Approach Using Amine To Give Dual Functional EuSe Nanocrystals and Morphological Tuning. Angewandte Chemie - International Edition, 2011, 50, 7587-7591.	13.8	61
54	Photoluminescent Smart Hydrogels with Reversible and Linear Thermoresponses. Small, 2010, 6, 2673-2677.	10.0	59

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55	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
56	Preparation of fluorescent poly(methylmethacrylate) nano capsules via internal phase separation. E-Polymers, 2007, 7, .	3.0	2
57	Synthesis and characterization of ABS resin usingin situ transferring from emulsion to suspension polymerization. Polymer International, 2007, 56, 195-199.	3.1	4
58	Fabricating a binary pattern of ordered two-dimensional luminescent (mdppy)BF arrays by dewetting. Journal of Materials Chemistry, 2006, 16, 2135.	6.7	14
59	Study on emulsion and suspensionin situ polymerization. Journal of Applied Polymer Science, 2005, 95, 404-412.	2.6	12
60	Lanthanide complex/polymer composite optical resin with intense narrow band emission, high transparency and good mechanical performance. Journal of Materials Chemistry, 2003, 13, 2279.	6.7	85