

Jianbin Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7422578/publications.pdf>

Version: 2024-02-01

24
papers

1,762
citations

430442

18
h-index

610482

24
g-index

27
all docs

27
docs citations

27
times ranked

2908
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosomal non-coding RNAs have a significant effect on tumor metastasis. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 29, 16-35.	2.3	12
2	Circular RNA circRHOBTB3 represses metastasis by regulating the HuR-mediated mRNA stability of PTBP1 in colorectal cancer. <i>Theranostics</i> , 2021, 11, 7507-7526.	4.6	87
3	Co-delivery of 5-fluorouracil and miRNA-34a mimics by host-guest self-assembly nanocarriers for efficacious targeted therapy in colorectal cancer patient-derived tumor xenografts. <i>Theranostics</i> , 2021, 11, 2475-2489.	4.6	22
4	Unmasking carcinoma-associated fibroblasts: Key transformation player within the tumor microenvironment. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1874, 188443.	3.3	13
5	Citrate-based fluorophore-modified cellulose nanocrystals as a biocompatible fluorescent probe for detecting ferric ions and intracellular imaging. <i>Carbohydrate Polymers</i> , 2019, 224, 115198.	5.1	28
6	Asiatic Acid Attenuates Bone Loss by Regulating Osteoclastic Differentiation. <i>Calcified Tissue International</i> , 2019, 105, 531-545.	1.5	8
7	Synthetic presentation of noncanonical Wnt5a motif promotes mechanosensing-dependent differentiation of stem cells and regeneration. <i>Science Advances</i> , 2019, 5, eaaw3896.	4.7	64
8	Conformational manipulation of scale-up prepared single-chain polymeric nanogels for multiscale regulation of cells. <i>Nature Communications</i> , 2019, 10, 2705.	5.8	60
9	Efficient catechol functionalization of biopolymeric hydrogels for effective multiscale bioadhesion. <i>Materials Science and Engineering C</i> , 2019, 103, 109835.	3.8	34
10	Injectable stem cell-laden supramolecular hydrogels enhance in situ osteochondral regeneration via the sustained co-delivery of hydrophilic and hydrophobic chondrogenic molecules. <i>Biomaterials</i> , 2019, 210, 51-61.	5.7	179
11	LYPD8 regulates the proliferation and migration of colorectal cancer cells through inhibiting the secretion of IL-6 and TNF- α . <i>Oncology Reports</i> , 2019, 41, 2389-2395.	1.2	4
12	Molecular cargo delivery using multicellular magnetic microswimmers. <i>Applied Materials Today</i> , 2019, 15, 242-251.	2.3	52
13	Photocontrolled siRNA Delivery and Biomarker-Triggered Luminogens of Aggregation-Induced Emission by Up-Conversion NaYF ₄ :Yb ³⁺ /Tm ³⁺ @SiO ₂ Nanoparticles for Inducing and Monitoring Stem-Cell Differentiation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22074-22084.	4.0	43
14	Multiscale reconstruction of a synthetic biomimetic micro-niche for enhancing and monitoring the differentiation of stem cells. <i>Biomaterials</i> , 2018, 173, 87-99.	5.7	14
15	Detection of Matrix Metalloproteinase 13 for Monitoring Stem Cell Differentiation and Early Diagnosis of Osteoarthritis by Fluorescent Light-Up Probes with Aggregation-Induced Emission Characteristics. <i>Advanced Biology</i> , 2018, 2, 1800010.	3.0	12
16	Self-assembled N-cadherin mimetic peptide hydrogels promote the chondrogenesis of mesenchymal stem cells through inhibition of canonical Wnt/ β -catenin signaling. <i>Biomaterials</i> , 2017, 145, 33-43.	5.7	100
17	Self-Assembled Injectable Nanocomposite Hydrogels Stabilized by Bisphosphonate-Magnesium (Mg ²⁺) Coordination Regulates the Differentiation of Encapsulated Stem Cells via Dual Crosslinking. <i>Advanced Functional Materials</i> , 2017, 27, 1701642.	7.8	110
18	Multifunctional biohybrid magnetite microrobots for imaging-guided therapy. <i>Science Robotics</i> , 2017, 2, .	9.9	594

#	ARTICLE	IF	CITATIONS
19	Acid-Cleavable Unimolecular Micelles from Amphiphilic Star Copolymers for Triggered Release of Anticancer Drugs. <i>Macromolecular Bioscience</i> , 2017, 17, 1600258.	2.1	27
20	Nanocarrier-Mediated Codelivery of Small Molecular Drugs and siRNA to Enhance Chondrogenic Differentiation and Suppress Hypertrophy of Human Mesenchymal Stem Cells. <i>Advanced Functional Materials</i> , 2016, 26, 2463-2472.	7.8	42
21	Bioactive Nanocomposite Poly (Ethylene Glycol) Hydrogels Crosslinked by Multifunctional Layered Double Hydroxides Nanocrosslinkers. <i>Macromolecular Bioscience</i> , 2016, 16, 1019-1026.	2.1	28
22	Multifunctional Quantum Dot Nanoparticles for Effective Differentiation and Long-Term Tracking of Human Mesenchymal Stem Cells In Vitro and In Vivo. <i>Advanced Healthcare Materials</i> , 2016, 5, 1049-1057.	3.9	50
23	Near-infrared light-triggered release of small molecules for controlled differentiation and long-term tracking of stem cells in vivo using upconversion nanoparticles. <i>Biomaterials</i> , 2016, 110, 1-10.	5.7	77
24	Robust Biopolymeric Supramolecular "Host" Guest Macromer-Hydrogels Reinforced by <i>in Situ</i> Formed Multivalent Nanoclusters for Cartilage Regeneration. <i>Macromolecules</i> , 2016, 49, 866-875.	2.2	102