

Yan Bai

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

971
citations

430874

18
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

1766
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and evaluation of naringenin-loaded sulfobutylether- β -cyclodextrin/chitosan nanoparticles for ocular drug delivery. <i>Carbohydrate Polymers</i> , 2016, 149, 224-230.	10.2	103
2	Fullerene-doped polyaniline as new redox nanoprobe and catalyst in electrochemical aptasensor for ultrasensitive detection of Mycobacterium tuberculosis MPT64 antigen in human serum. <i>Biomaterials</i> , 2017, 133, 11-19.	11.4	96
3	Sequential delivery of VEGF, FGF-2 and PDGF from the polymeric system enhance HUVECs angiogenesis in vitro and CAM angiogenesis. <i>Cellular Immunology</i> , 2018, 323, 19-32.	3.0	77
4	Localized delivery of growth factors for angiogenesis and bone formation in tissue engineering. <i>International Immunopharmacology</i> , 2013, 16, 214-223.	3.8	76
5	Effects of combinations of BMP-2 with FGF-2 and/or VEGF on HUVECs angiogenesis in vitro and CAM angiogenesis in vivo. <i>Cell and Tissue Research</i> , 2014, 356, 109-121.	2.9	68
6	BMP-2, VEGF and bFGF synergistically promote the osteogenic differentiation of rat bone marrow-derived mesenchymal stem cells. <i>Biotechnology Letters</i> , 2013, 35, 301-308.	2.2	58
7	Dual-amplified strategy for ultrasensitive electrochemical biosensor based on click chemistry-mediated enzyme-assisted target recycling and functionalized fullerene nanoparticles in the detection of microRNA-141. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111964.	10.1	53
8	Novel multifunctional pH-sensitive nanoparticles loaded into microbubbles as drug delivery vehicles for enhanced tumor targeting. <i>Scientific Reports</i> , 2016, 6, 29321.	3.3	45
9	An amperometric aptasensor for ultrasensitive detection of sulfadimethoxine based on exonuclease-assisted target recycling and new signal tracer for amplification. <i>Biosensors and Bioelectronics</i> , 2018, 117, 706-712.	10.1	45
10	Glycyrrhetic acid-functionalized mesoporous silica nanoparticles as hepatocellular carcinoma-targeted drug carrier. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 4361-4370.	6.7	43
11	Aptamer based voltammetric biosensor for Mycobacterium tuberculosis antigen ESAT-6 using a nanohybrid material composed of reduced graphene oxide and a metal-organic framework. <i>Mikrochimica Acta</i> , 2018, 185, 379.	5.0	43
12	Synergistic and sequential effects of BMP-2, bFGF and VEGF on osteogenic differentiation of rat osteoblasts. <i>Journal of Bone and Mineral Metabolism</i> , 2014, 32, 627-635.	2.7	41
13	BMP9/p38 MAPK is essential for the antiproliferative effect of resveratrol on human colon cancer. <i>Oncology Reports</i> , 2016, 35, 939-947.	2.6	38
14	Antioxidant and Myocardial Preservation Activities of Natural Phytochemicals from Mung Bean (<i>Vigna radiata</i> L.) Seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4648-4655.	5.2	34
15	A novel self-coated polydopamine nanoparticle for synergistic photothermal-chemotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 200, 111596.	5.0	21
16	PCM and TAT co-modified liposome with improved myocardium delivery: in vitro and in vivo evaluations. <i>Drug Delivery</i> , 2017, 24, 339-345.	5.7	20
17	Facile Synthesis of Lipid-Perfluorocarbon Nanoemulsion Coated with Silica Shell as an Ultrasound Imaging Agent. <i>Advanced Healthcare Materials</i> , 2018, 7, 1700816.	7.6	20
18	Plasma Pharmacokinetics, Bioavailability, and Tissue Distribution of Four C-Glycosyl Flavones from Mung Bean (<i>Vigna radiata</i> L.) Seed Extracts in Rat by Ultrahigh-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 5570-5580.	5.2	19

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19	Preparation of a colon-specific sustained-release capsule with curcumin-loaded SMEDDS alginate beads. RSC Advances, 2017, 7, 22280-22285.	3.6	17
20	Dual Delivery of BMP2 and IGF1 Through Injectable Hydrogel Promotes Cranial Bone Defect Healing. Tissue Engineering - Part A, 2022, 28, 760-769.	3.1	16
21	Controlled growth factor delivery system with osteogenic-angiogenic coupling effect for bone regeneration. Journal of Orthopaedic Translation, 2021, 31, 110-125.	3.9	15
22	Novel apigenin-loaded sodium hyaluronate nano-assemblies for targeting tumor cells. Carbohydrate Polymers, 2017, 177, 415-423.	10.2	10
23	Development of PLGA-PEG-COOH and Gelatin-Based Microparticles Dual Delivery System and E-Beam Sterilization Effects for Controlled Release of BMP-2 and IGF-1. Particle and Particle Systems Characterization, 2020, 37, 2000180.	2.3	10
24	A bioactive synthetic membrane improves bone healing in a preclinical nonunion model. Injury, 2022, , .	1.7	1
25	Rapid Identification of Tiegum Yam by Near Infrared Spectroscopy Combined with Conformity Test. , 2012, , .		0