Meng-Yi Bai

List of Publications by Year
in descending order

34 papers	753 citations	471509 17 h-index	526287 27 g-index
35 all docs	35 docs citations	35 times ranked	1252 citing authors

#	Article	IF	Citations
1	Release profile characteristics of biodegradable-polymer-coated drug particles fabricated by dual-capillary electrospray. Journal of Controlled Release, 2010, 145, 58-65.	9.9	137
2	Colloidal Hollow Spheres of Conducting Polymers with Smooth Surface and Uniform, Controllable Sizes. Small, 2009, 5, 1747-1752.	10.0	76
3	Preclinical evaluation of a nanoformulated antihelminthic, niclosamide, in ovarian cancer. Oncotarget, 2016, 7, 8993-9006.	1.8	66
4	A simple and general method for preparing antibody-PEG-PLGA sub-micron particles using electrospray technique: An in vitro study of targeted delivery of cisplatin to ovarian cancer cells. Colloids and Surfaces B: Biointerfaces, 2014, 117, 346-353.	5.0	48
5	Three-dimensional structure and cytokine distribution of platelet-rich fibrin. Clinics, 2017, 72, 116-124.	1.5	39
6	Silk fibroin proteinâ€based nonwoven mats incorporating baicalein <scp>C</scp>hinese herbal extract: preparation, characterizations, and in vivo evaluation. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 420-430.	3.4	35
7	The effect of active ingredientâ€containing chitosan/polycaprolactone nonwoven mat on wound healing: In vitro and in vivo studies. Journal of Biomedical Materials Research - Part A, 2014, 102, 2324-2333.	4.0	29
8	Active ingredient-containing chitosan/polycaprolactone nonwoven mats: Characterizations and their functional assays. Materials Science and Engineering C, 2013, 33, 224-233.	7.3	27
9	Foam dressing incorporating herbal extract: An all-natural dressing for potential use in wound healing. Journal of Bioactive and Compatible Polymers, 2017, 32, 293-308.	2.1	23
10	Facilitating In Vivo Articular Cartilage Repair by Tissue-Engineered Cartilage Grafts Produced From Auricular Chondrocytes. American Journal of Sports Medicine, 2018, 46, 713-727.	4.2	23
11	Is Heart Failure Associated With Risk of Suicide?. Journal of Cardiac Failure, 2018, 24, 795-800.	1.7	21
12	Facile Synthesis of Doubleâ€Shelled Polypyrrole Hollow Particles with a Structure Similar to That of a Thermal Bottle. Macromolecular Rapid Communications, 2010, 31, 1863-1868.	3.9	20
13	Cytokine and Growth Factor Delivery from Implanted Platelet-Rich Fibrin Enhances Rabbit Achilles Tendon Healing. International Journal of Molecular Sciences, 2020, 21, 3221.	4.1	20
14	Fabrication of novel niclosamide-suspension using an electrospray system to improve its therapeutic effects in ovarian cancer cells in vitro. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 419, 248-256.	4.7	18
15	Suicide and chronic kidney disease: a caseâ€“control study. Nephrology Dialysis Transplantation, 2017, 32, gfw244.	0.7	18
16	Evaluation of a series of silk fibroin proteinâ€based nonwoven mats for use as an antiâ€adhesion patch for wound management in robotic surgery. Journal of Biomedical Materials Research - Part A, 2018, 106, 221-230.	4.0	18
17	Development of alpha-lipoic acid encapsulated chitosan monodispersed particles using an electrospray system: synthesis, characterisations and anti-inflammatory evaluations. Journal of Microencapsulation, 2014, 31, 373-381.	2.8	17
18	Evaluation of Chitosan Derivative Microparticles Encapsulating Superparamagnetic Iron Oxide and Doxorubicin as a pH-Sensitive Delivery Carrier in Hepatic Carcinoma Treatment: An in vitro Comparison Study. Frontiers in Pharmacology, 2018, 9, 1025.	3.5	15

#	Article	IF	Citations
19	Relationships of Age and Sex with Cytokine Content and Distribution in Human Platelet Fibrin Gels. Scientific Reports, 2018, 8, 10642.	3.3	15
20	Acute Coronary Syndrome and Suicide: A Caseâ€Referent Study. Journal of the American Heart Association, 2016, 5, .	3.7	13
21	Evaluation of Polyacrylonitrile Nonwoven Mats and Silverâ€“Gold Bimetallic Nanoparticle-Decorated Nonwoven Mats for Potential Promotion of Wound Healing In Vitro and In Vivo and Bone Growth In Vitro. Polymers, 2021, 13, 516.	4.5	13
22	Development and application of micro-polysaccharide drug carriers incorporating doxorubicin and superparamagnetic iron oxide for bimodality treatment of hepatocellular carcinoma. Colloids and Surfaces B: Biointerfaces, 2017, 151, 304-313.	5.0	10
23	Direct Visualization and Semiâ€Quantitative Analysis of Payload Loading in the Case of Gold Nanocages. Angewandte Chemie - International Edition, 2019, 58, 17671-17674.	13.8	9
24	Preparation of electrospun EDTA/PVDF blend nonwoven mats and their use in removing heavy metal ions from electropolishing electrolyte. Fibers and Polymers, 2014, 15, 2265-2271.	2.1	7
25	Preclinical studies of non-stick thin film metallic glass-coated syringe needles. Scientific Reports, 2020, 10, 20313.	3.3	7
26	Sericin-based wound dressing with wound moisture indicator: In vitro and in vivo comparison study. Materialia, 2018, 1, 37-45.	2.7	6
27	The Role of Aldehydeâ€Functionalized Crosslinkers on the Property of Chitosan Hydrogels. Macromolecular Bioscience, 2022, 22, e2100477.	4.1	6
28	Evaluation of silk fibroin protein/poly(vinyl alcohol) transparent membranes as prospective patch for acne care. Journal of Bioactive and Compatible Polymers, 2015, 30, 490-508.	2.1	4
29	Shapeâ€Controlled Synthesis of Multicomponentâ€Encapsulating Alginate Microparticles: Peanutâ€, Sphericalâ€, and Discâ€Shaped Transformations. ChemistrySelect, 2020, 5, 7797-7802.	1.5	4
30	Plate-like Alginate Microparticles with Disulfiramâ€“SPIOâ€“Coencapsulation: An In Vivo Study for Combined Therapy on Ovarian Cancer. Pharmaceutics, 2021, 13, 1348.	4.5	4
31	CD133 Targeted PVP/PMMA Microparticle Incorporating Levamisole for the Treatment of Ovarian Cancer. Polymers, 2020, 12, 479.	4.5	3
32	The Study of 3D Printing-Assisted Electrospinning Technology in Producing Tissue Regeneration Polymer-Fibroin Scaffold for Ureter Repair. , 2022, 48, 118-129.		2
33	Direct Visualization and Semiâ€Quantitative Analysis of Payload Loading in the Case of Gold Nanocages. Angewandte Chemie, 2019, 131, 17835-17838.	2.0	0
34	Gallic Acid-Containing Gelatin-Based Nonwoven Mat with Synergistic Photodegradation and Photoindication Function for Reducing Nicotine. Polymers, 2021, 13, 4245.	4.5	0