

Kuo-Yu Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

770
citations

15
h-index

27
g-index

30
ext. papers

904
ext. citations

5.1
avg, IF

4.14
L-index

#	Paper	IF	Citations
30	Adsorption of Cu(II) by Poly-Glutamate/Apatite Nanoparticles. <i>Polymers</i> , 2021 , 13,	4.5	2
29	Effects of various Cu(0), Fe(0), and proanthocyanidin reducing agents on Fe(III)-catalysed ATRP for the synthesis of PMMA block copolymers and their self-assembly behaviours. <i>Polymer Chemistry</i> , 2020 , 11, 5147-5155	4.9	7
28	Effect of genipin crosslinked chitosan scaffolds containing SDF-1 on wound healing in a rat model. <i>Materials Science and Engineering C</i> , 2020 , 109, 110368	8.3	19
27	Electrospun Poly(γ -glutamic acid)/Tricalcium Phosphate Composite Fibrous Mats for Bone Regeneration. <i>Polymers</i> , 2019 , 11,	4.5	9
26	Immobilization of bone morphogenetic protein-2 to gelatin/avidin-modified hydroxyapatite composite scaffolds for bone regeneration. <i>Journal of Biomaterials Applications</i> , 2019 , 33, 1147-1156	2.9	7
25	Lithospermi radix extract-containing bilayer nanofiber scaffold for promoting wound healing in a rat model. <i>Materials Science and Engineering C</i> , 2019 , 96, 850-858	8.3	21
24	Antifungal effect of tissue conditioners containing poly(acryloyloxyethyltrimethyl ammonium chloride)-grafted chitosan on growth. <i>Journal of Dental Sciences</i> , 2018 , 13, 160-166	2.5	15
23	Fabrication of Quaternized Chitosan Nanoparticles Using Tripolyphosphate/Genipin Dual Cross-Linkers as a Protein Delivery System. <i>Polymers</i> , 2018 , 10,	4.5	19
22	Novel bilayer wound dressing based on electrospun gelatin/keratin nanofibrous mats for skin wound repair. <i>Materials Science and Engineering C</i> , 2017 , 79, 533-540	8.3	85
21	Preparation and Characterization of Quaternized Chitosan Coated Alginate Microspheres for Blue Dextran Delivery. <i>Polymers</i> , 2017 , 9,	4.5	12
20	Porous gelatin/tricalcium phosphate/genipin composites containing lumbrokinase for bone repair. <i>Bone</i> , 2015 , 78, 15-22	4.7	18
19	Enhanced Bone Tissue Regeneration by Porous Gelatin Composites Loaded with the Chinese Herbal Decoction Danggui Buxue Tang. <i>PLoS ONE</i> , 2015 , 10, e0131999	3.7	23
18	Earthworm (<i>Pheretima aspergillum</i>) extract stimulates osteoblast activity and inhibits osteoclast differentiation. <i>BMC Complementary and Alternative Medicine</i> , 2014 , 14, 440	4.7	13
17	Evaluating the bone tissue regeneration capability of the Chinese herbal decoction Danggui Buxue Tang from a molecular biology perspective. <i>BioMed Research International</i> , 2014 , 2014, 853234	3	14
16	Rat bone marrow stromal cells-seeded porous gelatin/tricalcium phosphate/oligomeric proanthocyanidins composite scaffold for bone repair. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013 , 7, 708-19	4.4	13
15	Autologous bone marrow stromal cells loaded onto porous gelatin scaffolds containing <i>Drynaria fortunei</i> extract for bone repair. <i>Journal of Biomedical Materials Research - Part A</i> , 2013 , 101, 954-62	5.4	9
14	A novel porous gelatin composite containing naringin for bone repair. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 283941	2.3	11

13	Evaluation of proanthocyanidin-crosslinked electrospun gelatin nanofibers for drug delivering system. <i>Materials Science and Engineering C</i> , 2012 , 32, 2476-2483	8.3	43
12	Cell adhesion and proliferation enhancement by gelatin nanofiber scaffolds. <i>Journal of Bioactive and Compatible Polymers</i> , 2011 , 26, 565-577	2	111
11	Repair of bone defects with gelatin-based composites: A review. <i>BioMedicine (Taiwan)</i> , 2011 , 1, 29-32	1.1	24
10	Synthesis and characterization of poly(vinyl alcohol) membranes with quaternary ammonium groups for wound dressing. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2010 , 21, 429-43	3.5	11
9	Influence of fluorocarbon chains on the crystallization behaviors of aliphatic polyurethanes. <i>Journal of Applied Polymer Science</i> , 2009 , 111, 371-379	2.9	9
8	Reconstruction of calvarial defect using a tricalcium phosphate-oligomeric proanthocyanidins cross-linked gelatin composite. <i>Biomaterials</i> , 2009 , 30, 1682-8	15.6	28
7	Asymmetric chitosan membrane containing collagen I nanospheres for skin tissue engineering. <i>Biomacromolecules</i> , 2009 , 10, 1642-9	6.9	75
6	Novel bone substitute composed of oligomeric proanthocyanidins-crosslinked gelatin and tricalcium phosphate. <i>Macromolecular Bioscience</i> , 2008 , 8, 942-50	5.5	20
5	Properties of phospholipid monolayer deposited on a fluorinated polyurethane. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2004 , 15, 957-69	3.5	7
4	Surface characterization and platelet adhesion studies of aliphatic polyurethanes grafted by fluorocarbon oligomers: effect of fluorocarbon chain length and carboxylic acid group. <i>Journal of Materials Science: Materials in Medicine</i> , 2002 , 13, 37-45	4.5	12
3	Synthesis and properties of novel fluorinated aliphatic polyurethanes with fluoro chain extenders. <i>Macromolecular Chemistry and Physics</i> , 2000 , 201, 2676-2686	2.6	55
2	Synthesis, characterization and platelet adhesion studies of novel ion-containing aliphatic polyurethanes. <i>Biomaterials</i> , 2000 , 21, 161-71	15.6	68
1	Synthesis, characterization, and platelet adhesion studies of novel aliphatic polyurethaneurea anionomers based on polydimethylsiloxane-polytetramethylene oxide soft segments. <i>Journal of Biomaterials Science, Polymer Edition</i> , 1999 , 10, 1183-205	3.5	10