

Kuo-Yu Chen

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3187250/kuo-yu-chen-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Cell adhesion and proliferation enhancement by gelatin nanofiber scaffolds. <i>Journal of Bioactive and Compatible Polymers</i> , 2011 , 26, 565-577	2	111
29	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
28	Asymmetric chitosan membrane containing collagen I nanospheres for skin tissue engineering. <i>Biomacromolecules</i> , 2009 , 10, 1642-9	6.9	75
27	Synthesis, characterization and platelet adhesion studies of novel ion-containing aliphatic polyurethanes. <i>Biomaterials</i> , 2000 , 21, 161-71	15.6	68
26	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
25	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
24	Reconstruction of calvarial defect using a tricalcium phosphate-oligomeric proanthocyanidins cross-linked gelatin composite. <i>Biomaterials</i> , 2009 , 30, 1682-8	15.6	28
23	Repair of bone defects with gelatin-based composites: A review. <i>BioMedicine (Taiwan)</i> , 2011 , 1, 29-32	1.1	24
22	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
21	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
20	Novel bone substitute composed of oligomeric proanthocyanidins-crosslinked gelatin and tricalcium phosphate. <i>Macromolecular Bioscience</i> , 2008 , 8, 942-50	5.5	20
19	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
18	Fabrication of Quaternized Chitosan Nanoparticles Using Tripolyphosphate/Genipin Dual Cross-Linkers as a Protein Delivery System. <i>Polymers</i> , 2018 , 10,	4.5	19
17	Porous gelatin/tricalcium phosphate/genipin composites containing lumbrokinase for bone repair. <i>Bone</i> , 2015 , 78, 15-22	4.7	18
16	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
15	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
14	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

13	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
12	Preparation and Characterization of Quaternized Chitosan Coated Alginate Microspheres for Blue Dextran Delivery. <i>Polymers</i> , 2017 , 9,	4.5	12
11	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
10	A novel porous gelatin composite containing naringin for bone repair. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 283941	2.3	11
9	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
8	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
7	Electrospun Poly(γ -glutamic acid)/ β -Tricalcium Phosphate Composite Fibrous Mats for Bone Regeneration. <i>Polymers</i> , 2019 , 11,	4.5	9
6	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
5	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
4	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
3	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
2	Properties of phospholipid monolayer deposited on a fluorinated polyurethane. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2004 , 15, 957-69	3.5	7
1	Adsorption of Cu(II) by Poly- γ -glutamate/Apatite Nanoparticles. <i>Polymers</i> , 2021 , 13,	4.5	2