

# Kai-Chi Chang

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

172  
citations

1307594

7  
h-index

1125743

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

238  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of electrospun silver/poly(vinyl alcohol) fibrous membranes and characterization of the effect of sterilization processes on the antibacterial activity. <i>Journal of Industrial Textiles</i> , 2022, 51, 7205S-7222S.	2.4	4
2	Chemical cross-linking on gelatin-hyaluronan loaded with hinokitiol for the preparation of guided tissue regeneration hydrogel membranes with antibacterial and biocompatible properties. <i>Materials Science and Engineering C</i> , 2021, 119, 111576.	7.3	23
3	Heparin as a biomimetic template on nanoapatite rods with tunable aspect ratio: synthesis and biocompatibility. <i>Journal of the Australian Ceramic Society</i> , 2021, 57, 825.	1.9	5
4	Synthesis of nanorod apatites with templates at critical micelle concentrations and in vitro evaluation of cytotoxicity and antimicrobial activity. <i>Journal of Asian Ceramic Societies</i> , 2021, 9, 995-1006.	2.3	7
5	Evaluation of the Grafting Efficacy of Active Biomolecules of Phosphatidylcholine and Type I Collagen on Polyether Ether Ketone: In Vitro and In Vivo. <i>Polymers</i> , 2021, 13, 2081.	4.5	9
6	Strength and Biocompatibility of Heparin-Based Calcium Phosphate Cement Grafted with Ferulic Acid. <i>Polymers</i> , 2021, 13, 2219.	4.5	6
7	Effects of Hinokitiol and Dicalcium Phosphate on the Osteoconduction and Antibacterial Activity of Gelatin-Hyaluronic Acid Crosslinked Hydrogel Membrane In Vitro. <i>Pharmaceuticals</i> , 2021, 14, 802.	3.8	8
8	In Vitro Evaluation of Calcium Phosphate Bone Cement Composite Hydrogel Beads of Cross-Linked Gelatin-Alginate with Gentamicin-Impregnated Porous Scaffold. <i>Pharmaceuticals</i> , 2021, 14, 1000.	3.8	11
9	An in vitro assessment and comparative effectiveness of silanized-glutaraldehyde functionalized titanium surfaces with phosphatidylcholine and type I collagen grafts. <i>Dental Materials</i> , 2020, 36, 320-328.	3.5	5
10	Influences of processing and sterilizing strategies on reduced silver nanoparticles in poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 <i>Chemistry and Physics</i> , 2020, 254, 123300.	4.0	6
11	Characterization of genipin-crosslinked gelatin/hyaluronic acid-based hydrogel membranes and loaded with hinokitiol: In vitro evaluation of antibacterial activity and biocompatibility. <i>Materials Science and Engineering C</i> , 2019, 105, 110074.	7.3	34
12	Effect of micro/nano-hybrid hydroxyapatite rod reinforcement in composite resins on strength through thermal cycling. <i>Polymer Composites</i> , 2019, 40, 3703-3710.	4.6	12
13	Characterization of hybrid light-cured resin composites reinforced by microspherical silanized DCPA/nanorod HA via thermal fatigue. <i>Journal of the Australian Ceramic Society</i> , 2019, 55, 235-245.	1.9	4
14	Characterizing the differentiation of osteoprogenitor cells on surface modified polyether-ether-ketone. <i>Surface and Coatings Technology</i> , 2018, 350, 904-912.	4.8	9
15	In vitro characterization of porous calcium phosphate scaffolds capped with crosslinked hydrogels to avoid inherent brittleness. <i>Ceramics International</i> , 2018, 44, 1575-1582.	4.8	6
16	Calcium Phosphate Cement with Antimicrobial Properties and Radiopacity as an Endodontic Material. <i>Materials</i> , 2017, 10, 1256.	2.9	16
17	Thermal cycling effect of dicalcium phosphate-reinforced composites on auto-mineralized dental resin. <i>Materials Science and Engineering C</i> , 2014, 45, 359-368.	7.3	7