Kai-Chi Chang

List of Publications by Year
in descending order

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17	172	1307594 7	1125743 13
papers	citations	h-index	g-index

17	17	17	238
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of genipin-crosslinked gelatin/hyaluronic acid-based hydrogel membranes and loaded with hinokitiol: In vitro evaluation of antibacterial activity and biocompatibility. Materials Science and Engineering C, 2019, 105, 110074.	7.3	34
2	Chemical cross-linking on gelatin-hyaluronan loaded with hinokitiol for the preparation of guided tissue regeneration hydrogel membranes with antibacterial and biocompatible properties. Materials Science and Engineering C, 2021, 119, 111576.	7.3	23
3	Calcium Phosphate Cement with Antimicrobial Properties and Radiopacity as an Endodontic Material. Materials, 2017, 10, 1256.	2.9	16
4	Effect of microâ€ nanoâ€hybrid hydroxyapatite rod reinforcement in composite resins on strength through thermal cycling. Polymer Composites, 2019, 40, 3703-3710.	4.6	12
5	In Vitro Evaluation of Calcium Phosphate Bone Cement Composite Hydrogel Beads of Cross-Linked Gelatin-Alginate with Gentamicin-Impregnated Porous Scaffold. Pharmaceuticals, 2021, 14, 1000.	3.8	11
6	Characterizing the differentiation of osteoprogenitor cells on surface modified polyether-ether-ketone. Surface and Coatings Technology, 2018, 350, 904-912.	4.8	9
7	Evaluation of the Grafting Efficacy of Active Biomolecules of Phosphatidylcholine and Type I Collagen on Polyether Ether Ketone: In Vitro and In Vivo. Polymers, 2021, 13, 2081.	4.5	9
8	Effects of Hinokitiol and Dicalcium Phosphate on the Osteoconduction and Antibacterial Activity of Gelatin-Hyaluronic Acid Crosslinked Hydrogel Membrane In Vitro. Pharmaceuticals, 2021, 14, 802.	3.8	8
9	Thermal cycling effect of dicalcium phosphate-reinforced composites on auto-mineralized dental resin. Materials Science and Engineering C, 2014, 45, 359-368.	7.3	7
10	Synthesis of nanorod apatites with templates at critical micelle concentrations and in vitro evaluation of cytotoxicity and antimicrobial activity. Journal of Asian Ceramic Societies, 2021, 9, 995-1006.	2.3	7
11	In vitro characterization of porous calcium phosphate scaffolds capped with crosslinked hydrogels to avoid inherent brittleness. Ceramics International, 2018, 44, 1575-1582.	4.8	6
12	Influences of processing and sterilizing strategies on reduced silver nanoparticles in poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Chemistry and Physics, 2020, 254, 123300.	4.0	6
13	Strength and Biocompatibility of Heparin-Based Calcium Phosphate Cement Grafted with Ferulic Acid. Polymers, 2021, 13, 2219.	4.5	6
14	An in vitro assessment and comparative effectiveness of silanized-glutaraldehyde functionalized titanium surfaces with phosphatidylcholine and type I collagen grafts. Dental Materials, 2020, 36, 320-328.	3.5	5
15	Heparin as a biomimetic template on nanoapatite rods with tunable aspect ratio: synthesis and biocompatibility. Journal of the Australian Ceramic Society, 2021, 57, 825.	1.9	5
16	Characterization of hybrid light-cured resin composites reinforced by microspherical silanized DCPA/nanorod HA via thermal fatigue. Journal of the Australian Ceramic Society, 2019, 55, 235-245.	1.9	4
17	Preparation of electrospun silver/poly(vinyl alcohol) fibrous membranes and characterization of the effect of sterilization processes on the antibacterial activity. Journal of Industrial Textiles, 2022, 51, 7205S-7222S.	2.4	4