Michiyo Honda

List of Publications by Year
in descending order

28 papers	304 citations	1040056 9 h-index	940533 16 g-index
28 all docs	28 docs citations	28 times ranked	531 citing authors

#	Article	IF	Citations
1	In vitro and in vivo antimicrobial properties of silver-containing hydroxyapatite prepared via ultrasonic spray pyrolysis route. Materials Science and Engineering C, 2013, 33, 5008-5018.	7.3	55
2	Enhanced early osteogenic differentiation by silicon-substituted hydroxyapatite ceramics fabricated via ultrasonic spray pyrolysis route. Journal of Materials Science: Materials in Medicine, 2012, 23, 2923-2932.	3.6	45
3	Acceleration of Osteogenesis via Stimulation of Angiogenesis by Combination with Scaffold and Connective Tissue Growth Factor. Materials, 2019, 12, 2068.	2.9	17
4	Co-Culture of Osteoblasts and Endothelial Cells on a Microfiber Scaffold to Construct Bone-Like Tissue with Vascular Networks. Materials, 2019, 12, 2869.	2.9	17
5	Fabrication of Gentamicin-Loaded Hydroxyapatite/Collagen Bone-Like Nanocomposite for Anti-Infection Bone Void Fillers. International Journal of Molecular Sciences, 2020, 21, 551.	4.1	16
6	Topographical analyses of proliferation and differentiation of osteoblasts in microâ€•and macropores of apatiteâ€fiber scaffold. Journal of Biomedical Materials Research - Part A, 2010, 94A, 937-944.	4.0	15
7	Bactericidal and Bioresorbable Calcium Phosphate Cements Fabricated by Silver-Containing Tricalcium Phosphate Microspheres. International Journal of Molecular Sciences, 2020, 21, 3745.	4.1	14
8	Potential Application of Protamine for Antimicrobial Biomaterials in Bone Tissue Engineering. International Journal of Molecular Sciences, 2020, 21, 4368.	4.1	14
9	FABRICATION OF POTASSIUM-SUBSTITUTED HYDROXYAPATITE CERAMICS VIA ULTRASONIC SPRAY-PYROLYSIS ROUTE. Phosphorus Research Bulletin, 2017, 33, 35-40.	0.6	10
10	Zoledronic Acid-Loaded Î²-TCP Inhibits Tumor Proliferation and Osteoclast Activation: Development of a Functional Bone Substitute for an Efficient Osteosarcoma Treatment. International Journal of Molecular Sciences, 2021, 22, 1889.	4.1	10
11	Regulating size of silver nanoparticles on calcium carbonate via ultrasonic spray for effective antibacterial efficacy and sustained release. Materials Science and Engineering C, 2021, 125, 112083.	7.3	10
12	Injectable chelate-setting hydroxyapatite cement prepared by using chitosan solution: Fabrication, material properties, biocompatibility, and osteoconductivity. Journal of Biomaterials Applications, 2017, 31, 1319-1327.	2.4	9
13	Development of nitrogen-doped hydroxyapatite ceramics. Journal of Asian Ceramic Societies, 2020, 8, 130-137.	2.3	9
14	Fabrication and biological evaluation of hydroxyapatite ceramics including bone minerals. Journal of the Ceramic Society of Japan, 2018, 126, 99-108.	1.1	8
15	Effects of Adding Polysaccharides and Citric Acid into Sodium Dihydrogen Phosphate Mixing Solution on the Material Properties of Gelatin-Hybridized Calcium-Phosphate Cement. Materials, 2017, 10, 941.	2.9	7
16	In vivo evaluation of porous hydroxyapatite ceramics including bone minerals using pig model. Materials Technology, 2018, 33, 689-697.	3.0	7
17	Antimicrobial Activity of Protamine-Loaded Calcium Phosphates against Oral Bacteria. Materials, 2019, 12, 2816.	2.9	7
18	The investigation of synergistic activity of protamine with conventional antimicrobial agents against oral bacteria. Biochemical and Biophysical Research Communications, 2020, 523, 561-566.	2.1	7

#	Article	IF	Citations
19	Bioresorbability of chelate-setting calcium-phosphate cement hybridized with gelatin particles using a porcine tibial defect model. Journal of the Ceramic Society of Japan, 2018, 126, 71-78.	1.1	6
20	Histological evaluations of apatite-fiber scaffold cultured with mesenchymal stemÂcells by implantation at rat subcutaneousÂtissue. Bio-Medical Materials and Engineering, 2017, 28, 57-64.	0.6	4
21	Influence of Culture Period on Osteoblast Differentiation of Tissue-Engineered Bone Constructed by Apatite-Fiber Scaffolds Using Radial-Flow Bioreactor. International Journal of Molecular Sciences, 2021, 22, 13080.	4.1	4
22	Preparation of Spherical Zn-Substituted Tricalcium Phosphate Powder by Ultrasonic Spray-Pyrolysis Technique and Its Characterization. Journal of Nanomaterials, 2016, 2016, 1-8.	2.7	3
23	Fabrication of chelateâ€setting Î±â€tricalcium phosphate cement using sodium citrate and sodium alginate as mixing solution and its in vivo osteoconductivity. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 2361-2370.	3.4	3
24	Preliminary Study for Co-Culture of Osteoblasts and Endothelial Cells to Construct the Regenerative Bone. Key Engineering Materials, 0, 758, 269-272.	0.4	2
25	Preparation of protamine-adsorbed calcium phosphate powders and their antibacterial property. Journal of Asian Ceramic Societies, 2022, 10, 230-240.	2.3	2
26	Preparation of antimicrobial calcium phosphate/protamine composite powders with fluoride ions using octacalcium phosphate. Journal of Materials Science: Materials in Medicine, 2022, 33, 35.	3.6	2
27	Synthesis of Calcium Phosphate Microspheres Using an Ultrasonic Sprayâ€“Pyrolysis Technique and Their Application as Novel Anti-Angiogenic Chemoembolization Agents for Cancer Treatment. ACS Symposium Series, 2017, , 107-121.	0.5	1
28	Moderate Hypothermia Has the Potential to Reveal the Dominant/Submissive Relationship in a Co-Culture System Consisting of Osteoblasts and Endothelial Cells. Micro, 2021, 1, 181-193.	2.0	0