Ravindra V Badhe

List of Publications by Year
in descending order

23	258	1307594 7	940533 16
papers	citations	h-index	g-index

23	23	23	349
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A composite chitosan-gelatin bi-layered, biomimetic macroporous scaffold for blood vessel tissue engineering. Carbohydrate Polymers, 2017, 157, 1215-1225.	10.2	99
2	Systemic toxicity eliciting metal ion levels from metallic implants and orthopedic devices â€“ A mini review. Toxicology Letters, 2021, 350, 213-224.	0.8	41
3	Microwave-assisted facile synthesis of a new tri-block chitosan conjugate with improved mucoadhesion. Carbohydrate Polymers, 2015, 130, 213-221.	10.2	27
4	Enhancement of the biomineralization and cellular adhesivity of polycaprolactone-based hollow porous microspheres via dopamine bio-activation for tissue engineering applications. Materials Letters, 2015, 161, 503-507.	2.6	12
5	A bio-injectable algin-aminocaproic acid thixogel with tri-stimuli responsiveness. Carbohydrate Polymers, 2016, 135, 324-333.	10.2	11
6	Assessing the potential use of chitosan scaffolds for the sustained localized delivery of vitamin D. Saudi Journal of Biological Sciences, 2021, 28, 2210-2215.	3.8	10
7	Synthesis and Evaluation of a Sodium Alginate-4-Aminosalicylic Acid Based Microporous Hydrogel for Potential Viscosupplementation for Joint Injuries and Arthritis-Induced Conditions. Marine Drugs, 2017, 15, 257.	4.6	9
8	Low-intensity current (LIC) stimulation of subcutaneous adipose derived stem cells (ADSCs) â€“ A missing link in the course of LIC based wound healing. Medical Hypotheses, 2019, 125, 79-83.	1.5	7
9	Development and Characterization of Conducting-Polymer-Based Hydrogel Dressing for Wound Healing. Turkish Journal of Pharmaceutical Sciences, 2021, 18, 483-491.	1.4	7
10	Green route synthesis of 4-thiazolidinone analogs of isonicotinic acid hydrazide. Green Chemistry Letters and Reviews, 2011, 4, 211-217.	4.7	6
11	Intestinal Targeting of Ganciclovir Release Employing a Novel HEC-PAA Blended Lyomatrix. AAPS PharmSciTech, 2016, 17, 1120-1130.	3.3	6
12	Development of Polylactic Acid and Bovine Serum Albumin-layered-coated Chitosan Microneedles Using Novel Bees Wax Mould. Turkish Journal of Pharmaceutical Sciences, 2021, 18, 367-375.	1.4	4
13	Spectrophotometric Bio assay method for Urokinase. Journal of Pharmacological and Toxicological Methods, 2010, 61, 343-345.	0.7	3
14	Efficacy of scaffoldâ€•mediated localized chemotherapy in cancer: A systematic review of current research. Journal of Oral Pathology and Medicine, 2020, 49, 375-385.	2.7	3
15	Cellulosic materials as bioinks for 3D printing applications. , 2020, , 109-137.		3
16	The role of fretting-frequency on the damage modes of THR modular junction: In-vitro study. Materials Science and Engineering C, 2021, 126, 112128.	7.3	3
17	The use of negative oxygen ion clusters [O2â¯(H2O)n] and bicarbonate ions [HCO3â¯] as the supportive treatment of COVID-19 infections: A possibility. Medical Hypotheses, 2021, 154, 110658.	1.5	3
18	Customized Peptide Biomaterial Synthesis via an Environment-Reliant Auto-Programmer Stigmergic Approach. Materials, 2018, 11, 609.	2.9	2

#	Article	IF	Citations
19	Media optimization studies for Serratiopeptidase production from Serratia marcescens ATCC 13880. Hindustan Antibiotics Bulletin, 2009, 51, 17-23.	0.0	2
20	Induction of creep crack morphology in iron oxide microparticles: An outcome of the common-ion effect. Materials Letters, 2017, 188, 417-422.	2.6	0
21	Dynamic Microfluidic Bioreactor â€•Hip simulator (DMBH) system for Implant Toxicity Monitoring. Biotechnology and Bioengineering, 2021, 118, 4829-4839.	3.3	0
22	The role of Vitamin E in hip implant-related corrosion and toxicity: Initial outcome. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 123, 104769.	3.1	0
23	Design and Functioning of New Flow Chamber Bioreactor for Skin Tissue Engineering Applications. Journal of Biomaterials and Tissue Engineering, 2014, 4, 269-273.	0.1	0