

Ravindra V Badhe

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

258
citations

1307594

7
h-index

940533

16
g-index

23
all docs

23
docs citations

23
times ranked

349
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	The use of negative oxygen ion clusters $[O_2^{2-}(H_2O)_n]$ and bicarbonate ions $[HCO_3^-]$ as the supportive treatment of COVID-19 infections: A possibility. Medical Hypotheses, 2021, 154, 110658.	1.5	3
5	Development and Characterization of Conducting-Polymer-Based Hydrogel Dressing for Wound Healing. Turkish Journal of Pharmaceutical Sciences, 2021, 18, 483-491.	1.4	7
6	Systemic toxicity eliciting metal ion levels from metallic implants and orthopedic devices – A mini review. Toxicology Letters, 2021, 350, 213-224.	0.8	41
7	Dynamic Microfluidic Bioreactor –Hip simulator (DMBH) system for Implant Toxicity Monitoring. Biotechnology and Bioengineering, 2021, 118, 4829-4839.	3.3	0
8	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
9	Efficacy of scaffold-mediated localized chemotherapy in cancer: A systematic review of current research. Journal of Oral Pathology and Medicine, 2020, 49, 375-385.	2.7	3
10	Cellulosic materials as bioinks for 3D printing applications. , 2020, , 109-137.		3
11	Low-intensity current (LIC) stimulation of subcutaneous adipose derived stem cells (ADSCs) – A missing link in the course of LIC based wound healing. Medical Hypotheses, 2019, 125, 79-83.	1.5	7
12	Customized Peptide Biomaterial Synthesis via an Environment-Reliant Auto-Programmer Stigmergic Approach. Materials, 2018, 11, 609.	2.9	2
13	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
14	A composite chitosan-gelatin bi-layered, biomimetic macroporous scaffold for blood vessel tissue engineering. Carbohydrate Polymers, 2017, 157, 1215-1225.	10.2	99
15	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
16	Intestinal Targeting of Ganciclovir Release Employing a Novel HEC-PAA Blended Lyomatrix. AAPS PharmSciTech, 2016, 17, 1120-1130.	3.3	6
17	A bio-injectable algin-aminocaproic acid thixogel with tri-stimuli responsiveness. Carbohydrate Polymers, 2016, 135, 324-333.	10.2	11
18	Microwave-assisted facile synthesis of a new tri-block chitosan conjugate with improved mucoadhesion. Carbohydrate Polymers, 2015, 130, 213-221.	10.2	27

#	ARTICLE	IF	CITATIONS
19	Enhancement of the biomineralization and cellular adhesivity of polycaprolactone-based hollow porous microspheres via dopamine bio-activation for tissue engineering applications. <i>Materials Letters</i> , 2015, 161, 503-507.	2.6	12
20	Design and Functioning of New Flow Chamber Bioreactor for Skin Tissue Engineering Applications. <i>Journal of Biomaterials and Tissue Engineering</i> , 2014, 4, 269-273.	0.1	0
21	Green route synthesis of 4-thiazolidinone analogs of isonicotinic acid hydrazide. <i>Green Chemistry Letters and Reviews</i> , 2011, 4, 211-217.	4.7	6
22	Spectrophotometric Bio assay method for Urokinase. <i>Journal of Pharmacological and Toxicological Methods</i> , 2010, 61, 343-345.	0.7	3
23	Media optimization studies for Serratia peptidase production from <i>Serratia marcescens</i> ATCC 13880. <i>Hindustan Antibiotics Bulletin</i> , 2009, 51, 17-23.	0.0	2