

Govinda Kapusetti

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

746
citations

687363

13
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

948
citing authors

#	ARTICLE	IF	CITATIONS
1	Piezoelectric smart biomaterials for bone and cartilage tissue engineering. <i>Inflammation and Regeneration</i> , 2018, 38, 2.	3.7	245
2	Piezoelectric material – A promising approach for bone and cartilage regeneration. <i>Medical Hypotheses</i> , 2017, 108, 10-16.	1.5	79
3	Smart Piezoelectric Nanohybrid of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) and Barium Titanate for Stimulated Cartilage Regeneration. <i>ACS Applied Bio Materials</i> , 2019, 2, 4922-4931.	4.6	61
4	A systematic study of cobalt-zinc ferrite nanoparticles for self-regulated magnetic hyperthermia. <i>Journal of Alloys and Compounds</i> , 2019, 794, 60-67.	5.5	54
5	Bone cement/layered double hydroxide nanocomposites as potential biomaterials for joint implant. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 3363-3373.	4.0	36
6	Bone cement based nanohybrid as a super biomaterial for bone healing. <i>Journal of Materials Chemistry B</i> , 2014, 2, 3984-3997.	5.8	33
7	Fast dissolving electrospun polymeric films of anti-diabetic drug repaglinide: formulation and evaluation. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 1921-1930.	2.0	27
8	Structural features regulated photoluminescence intensity and cell internalization of carbon and graphene quantum dots for bioimaging. <i>Materials Science and Engineering C</i> , 2021, 129, 112366.	7.3	27
9	Osteoconductive Amine-Functionalized Graphene-Poly(methyl methacrylate) Bone Cement Composite with Controlled Exothermic Polymerization. <i>Bioconjugate Chemistry</i> , 2017, 28, 2254-2265.	3.6	25
10	Layered double hydroxide induced advancement in joint prosthesis using bone cement: the effect of metal substitution. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2275.	5.8	23
11	Review on carbon nanomaterials as typical candidates for orthopaedic coatings. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	18
12	A study of uncoated and coated nickel-zinc ferrite nanoparticles for magnetic hyperthermia. <i>Materials Chemistry and Physics</i> , 2021, 266, 124546.	4.0	18
13	Graphene Oxide Reinforcement Enhances the Piezoelectric and Mechanical Properties of Poly(3-hydroxybutyrate-co-3-hydroxy valerate)-Based Nanofibrous Scaffolds for Improved Proliferation of Chondrocytes and ECM Production. <i>ACS Applied Bio Materials</i> , 2020, 3, 6823-6835.	4.6	16
14	Advances in Contrast Agents for Contrast-Enhanced Magnetic Resonance Imaging. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2019, 50, 575-589.	0.3	15
15	Toughening of bone cement using nanoparticle: The effect of solvent. <i>Journal of Applied Polymer Science</i> , 2011, 121, 1203-1213.	2.6	13
16	Electrospun mat of thermal-treatment-induced nanocomposite hydrogel of polyvinyl alcohol and cerium oxide for biomedical applications. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49426.	2.6	13
17	Physical and conductivity properties of poly (vinyl chloride) ionomers. <i>Indian Journal of Physics</i> , 2011, 85, 271-279.	1.8	11
18	Natural fiber reinforced biodegradable staples: Novel approach for efficient wound closure. <i>Medical Hypotheses</i> , 2019, 126, 60-65.	1.5	9

#	ARTICLE	IF	CITATIONS
19	Mangiferin as chain transfer agent: effect on the molecular weight of poly(methyl methacrylate) and polystyrene. Polymer Bulletin, 2015, 72, 1407-1416.	3.3	5
20	Detoxification of poly(methyl methacrylate) bone cement by natural antioxidant intervention. Journal of Biomedical Materials Research - Part A, 2019, 107, 2835-2847.	4.0	5
21	Current challenges in identification of clinical characteristics and detection of COVID-19: A comprehensive review. Measurement: Sensors, 2021, 16, 100052.	1.7	5
22	Introduction to Ideal Characteristics and Advanced Biomedical Applications of Biomaterials. , 2019, , 171-204.		4
23	Thromboresistance of functionalized poly(methylmethacrylate): the effect of surface polarity. Bulletin of Materials Science, 2015, 38, 769-772.	1.7	2
24	Piezoelectric ceramics as stimulatory modulators for regenerative medicine. , 2022, , 313-338.		2