

Balaji Ramachandran

List of Publications by Year in descending order

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papers

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1039406

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14
docs citations

14
times ranked

817
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Engineering Approaches for Controlling Biofilms and Wound Infections. ACS Symposium Series, 2019, , 101-123.	0.5	2
2	Kinetic study of NTPDase immobilization and its effect of haemocompatibility on polyethylene terephthalate. Journal of Biomaterials Science, Polymer Edition, 2019, 30, 437-449.	1.9	0
3	Effect of Surface Finish on Wettability and Bacterial Adhesion of Micromachined Biomaterials. Biotribology, 2019, 18, 100095.	0.9	16
4	Cysteine immobilisation on the polyethylene terephthalate surfaces and its effect on the haemocompatibility. Scientific Reports, 2019, 9, 16694.	1.6	3
5	Immobilization of hyaluronic acid from Lactococcus lactis on polyethylene terephthalate for improved biocompatibility and drug release. Carbohydrate Polymers, 2019, 206, 132-140.	5.1	13
6	Development of reduced graphene oxide (rGO)-isabgol nanocomposite dressings for enhanced vascularization and accelerated wound healing in normal and diabetic rats. Journal of Colloid and Interface Science, 2018, 517, 251-264.	5.0	102
7	An investigation of konjac glucomannan-keratin hydrogel scaffold loaded with Avena sativa extracts for diabetic wound healing. Colloids and Surfaces B: Biointerfaces, 2018, 165, 92-102.	2.5	69
8	A comparative study of polyethylene terephthalate surface carboxylation techniques: Characterization, in vitro haemocompatibility and endothelialization. Reactive and Functional Polymers, 2018, 122, 22-32.	2.0	21
9	Biomimetic hydrogel loaded with silk and L-proline for tissue engineering and wound healing applications. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 1401-1408.	1.6	48
10	Accelerated Healing of Diabetic Wounds Treated with L-Glutamic acid Loaded Hydrogels Through Enhanced Collagen Deposition and Angiogenesis: An In Vivo Study. Scientific Reports, 2017, 7, 10701.	1.6	81
11	Fabrication of chitosan/gallic acid 3D microporous scaffold for tissue engineering applications. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2016, 104, 750-760.	1.6	32
12	Encompassing receptor flexibility in virtual screening using ensemble docking-based hybrid QSAR: discovery of novel phytochemicals for BACE1 inhibition. Molecular BioSystems, 2014, 10, 2684.	2.9	20
13	A comparative study of different methods of carboxylation on polyethylene terephthalate to improve antifouling property. Frontiers in Bioengineering and Biotechnology, 0, 4, .	2.0	1