

Promita Bhattacharjee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22 papers	611 citations	13 h-index	22 g-index
22 ext. papers	771 ext. citations	6.3 avg, IF	4.25 L-index

#	Paper	IF	Citations
22	Role of calcium phosphate and bioactive glass coating on in vivo bone healing of new Mg-Zn-Ca implant. <i>Journal of Materials Science: Materials in Medicine</i> , 2021 , 32, 55	4.5	1
21	Significance of Crosslinking Approaches in the Development of Next Generation Hydrogels for Corneal Tissue Engineering. <i>Pharmaceutics</i> , 2021 , 13,	6.4	6
20	Fabrication and Biocompatibility of Electroconductive Silk Fibroin/PEDOT: PSS Composites for Corneal Epithelial Regeneration. <i>Polymers</i> , 2020 , 12,	4.5	4
19	Effect of substrate topography on the regulation of human corneal stromal cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 190, 110971	6	13
18	Designing Scaffolds for Corneal Regeneration. <i>Advanced Functional Materials</i> , 2020 , 30, 1908996	15.6	46
17	Development of nano-porous hydroxyapatite coated e-glass for potential bone-tissue engineering application: An in vitro approach. <i>Materials Science and Engineering C</i> , 2020 , 111, 110764	8.3	5
16	Influence of micropatterned substrates on keratocyte phenotype. <i>Scientific Reports</i> , 2020 , 10, 6679	4.9	4
15	Potential for combined delivery of riboflavin and all-trans retinoic acid, from silk fibroin for corneal bioengineering. <i>Materials Science and Engineering C</i> , 2019 , 105, 110093	8.3	10
14	Silk-based matrices for bone tissue engineering applications 2018 , 439-472		
13	Effect of different mineralization processes on in vitro and in vivo bone regeneration and osteoblast-macrophage cross-talk in co-culture system using dual growth factor mediated non-mulberry silk fibroin grafted poly (ϵ-caprolactone) nanofibrous scaffold. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 156, 270-281	6	7
12	Silk fibroin-Thelebolan matrix: A promising chemopreventive scaffold for soft tissue cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 155, 379-389	6	4
11	Hydroxyapatite reinforced inherent RGD containing silk fibroin composite scaffolds: Promising platform for bone tissue engineering. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 1745-1759	6	41
10	Silk scaffolds in bone tissue engineering: An overview. <i>Acta Biomaterialia</i> , 2017 , 63, 1-17	10.8	158
9	Carbon Nanofiber Reinforced Nonmulberry Silk Protein Fibroin Nanobiocomposite for Tissue Engineering Applications. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 19356-19370	9.5	39
8	Potential of inherent RGD containing silk fibroin-poly (ϵ-caprolactone) nanofibrous matrix for bone tissue engineering. <i>Cell and Tissue Research</i> , 2016 , 363, 525-40	4.2	31
7	Potential of non-mulberry silk protein fibroin blended and grafted poly(ϵ-caprolactone) nanofibrous matrices for in vivo bone regeneration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 143, 431-439	6	25
6	Non-mulberry silk fibroin grafted poly (ϵ-caprolactone)/nano hydroxyapatite nanofibrous scaffold for dual growth factor delivery to promote bone regeneration. <i>Journal of Colloid and Interface Science</i> , 2016 , 472, 16-33	9.3	41

5	Non-mulberry silk fibroin grafted poly(ϵ -caprolactone) nanofibrous scaffolds mineralized by electrodeposition: an optimal delivery system for growth factors to enhance bone regeneration. <i>RSC Advances</i> , 2016 , 6, 26835-26855	3.7	18
4	Investigating the potential of combined growth factors delivery, from non-mulberry silk fibroin grafted poly(ϵ -caprolactone)/hydroxyapatite nanofibrous scaffold, in bone tissue engineering. <i>Applied Materials Today</i> , 2016 , 5, 52-67	6.6	34
3	Non-mulberry silk fibroin grafted PCL nanofibrous scaffold: Promising ECM for bone tissue engineering. <i>European Polymer Journal</i> , 2015 , 71, 490-509	5.2	54
2	Nanofibrous nonmulberry silk/PVA scaffold for osteoinduction and osseointegration. <i>Biopolymers</i> , 2015 , 103, 271-84	2.2	33
1	Animal trial on zinc doped hydroxyapatite: A case studyPeer review under responsibility of The Ceramic Society of Japan and the Korean Ceramic Society.View all notes. <i>Journal of Asian Ceramic Societies</i> , 2014 , 2, 44-51	2.4	37