

# Deepti Singh

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

728  
citations

623734

14  
h-index

526287

27  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1348  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D Printing of Scaffold for Cells Delivery: Advances in Skin Tissue Engineering. <i>Polymers</i> , 2016, 8, 19.	4.5	85
2	Porous Three-Dimensional PVA/Gelatin Sponge for Skin Tissue Engineering. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2013, 62, 384-389.	3.4	76
3	Proliferation of Myoblast Skeletal Cells on Three-Dimensional Supramacroporous Cryogels. <i>International Journal of Biological Sciences</i> , 2010, 6, 371-381.	6.4	68
4	Synthesis of composite gelatin-hyaluronic acid-alginate porous scaffold and evaluation for in vitro stem cell growth and in vivo tissue integration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 502-509.	5.0	56
5	A biodegradable scaffold enhances differentiation of embryonic stem cells into a thick sheet of retinal cells. <i>Biomaterials</i> , 2018, 154, 158-168.	11.4	50
6	Engineering three-dimensional macroporous hydroxyethyl methacrylate-alginate-gelatin cryogel for growth and proliferation of lung epithelial cells. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2013, 24, 1343-1359.	3.5	43
7	Proliferation of Chondrocytes on a 3-D Modelled Macroporous Poly(Hydroxyethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502	3.5	41
8	Fabrication of cellulose-based scaffold with microarchitecture using a leaching technique for biomedical applications. <i>Cellulose</i> , 2014, 21, 3515-3525.	4.9	37
9	Effect of Extracts of <i>Terminalia chebula</i> on Proliferation of Keratinocytes and Fibroblasts Cells: An Alternative Approach for Wound Healing. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-13.	1.2	36
10	Nano-Biomimetics for Nano/Micro Tissue Regeneration. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 3141-3161.	1.1	31
11	Claudin-3 and claudin-19 partially restore native phenotype to ARPE-19 cells via effects on tight junctions and gene expression. <i>Experimental Eye Research</i> , 2016, 151, 179-189.	2.6	31
12	Enhanced cell viability of hydroxyapatite nanowires by surfactant mediated synthesis and its growth mechanism. <i>RSC Advances</i> , 2016, 6, 25070-25081.	3.6	28
13	Polysaccharides as Nanocarriers for Therapeutic Applications. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 2149-2172.	1.1	22
14	Disease-associated mutations of claudin-19 disrupt retinal neurogenesis and visual function. <i>Communications Biology</i> , 2019, 2, 113.	4.4	20
15	Injectable gelatin hydroxyphenyl propionic acid hydrogel protects human retinal progenitor cells (hRPCs) from shear stress applied during small-bore needle injection. <i>Applied Materials Today</i> , 2020, 19, 100602.	4.3	14
16	Effect of Alpha-Ketoglutarate on Growth and Metabolism of Cells Cultured on Three-Dimensional Cryogel Matrix. <i>International Journal of Biological Sciences</i> , 2013, 9, 521-530.	6.4	13
17	Novel Alginate-Gelatin Hybrid Nanoparticle for Drug Delivery and Tissue Engineering Applications. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-7.	2.7	11
18	Three-dimensional porous HPMA-co-DMAEM hydrogels for biomedical application. <i>Colloid and Polymer Science</i> , 2013, 291, 1121-1133.	2.1	10

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19	Neferine, is not inducer but blocker for macroautophagic flux targeting on lysosome malfunction. Biochemical and Biophysical Research Communications, 2018, 495, 1516-1521.	2.1	8
20	Unstimulated, Serum-free Cultures of Retinal Pigment Epithelium Excrete Large Mounds of Drusen-like Deposits. Current Eye Research, 2020, 45, 1390-1394.	1.5	8
21	Enhanced Proliferation and Growth of Human Lung Epithelial Cells on Gelatin Microparticle Loaded with Ephedra Extracts. Journal of Nanomaterials, 2013, 2013, 1-8.	2.7	7
22	Surfactant Role in Modifying Architecture of Functional Polymeric Gelatin Scaffolds. International Journal of Polymeric Materials and Polymeric Biomaterials, 2014, 63, 951-956.	3.4	7
23	Partially Differentiated Neuroretinal Cells Promote Maturation of the Retinal Pigment Epithelium. , 2020, 61, 9.		7
24	3D printing in surgery – The evolving paradigm-shift in surgical implants on demand. International Journal of Surgery, 2017, 42, 58-59.	2.7	5
25	Interpenetrating alginate on gelatin–poly(2-hydroxyethyl methacrylate) as a functional polymeric matrix for cartilage tissue engineering. International Journal of Polymeric Materials and Polymeric Biomaterials, 2019, 68, 551-563.	3.4	5
26	Functionalizing cellulose scaffold prepared by ionic liquid with bovine serum albumin for biomedical application. Fibers and Polymers, 2013, 14, 1965-1969.	2.1	4
27	3D-printing for engineering the next generation of artificial trabecular bone structures. International Journal of Surgery, 2017, 46, 195-197.	2.7	3
28	3D printing cross-linkable calcium phosphate biocomposites for biocompatible surgical implantation. Bioprinting, 2021, 22, e00141.	5.8	2
29	Letter to the editor: Virtual reality in surgical training. International Journal of Surgery, 2021, 89, 105935.	2.7	0
30	Fabrication of Three dimensional porous matrix and bone tissue regeneration. FASEB Journal, 2013, 27, 1217.3.	0.5	0