

Sachin S Kadam

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,425
citations

471061

17
h-index

525886

27
g-index

31
all docs

31
docs citations

31
times ranked

2366
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone regeneration in critical-size calvarial defect using functional biocompatible osteoinductive herbal scaffolds and human umbilical cord Wharton's Jelly-derived mesenchymal stem cells. <i>Materials Today Communications</i> , 2021, 26, 102049.	0.9	5
2	Convalescent plasma therapy - a silver lining for COVID-19 management?. <i>Hematology, Transfusion and Cell Therapy</i> , 2021, 43, 201-211.	0.1	3
3	Immunomodulatory extracellular vesicles: an alternative to cell therapy for COVID-19. <i>Expert Opinion on Biological Therapy</i> , 2021, 21, 1551-1560.	1.4	8
4	Mesenchymal stem cells and exosome therapy for COVID-19: current status and future perspective. <i>Human Cell</i> , 2020, 33, 907-918.	1.2	63
5	Layer-by-layer decorated herbal cell compatible scaffolds for bone tissue engineering: A synergistic effect of graphene oxide and <i>Cissus quadrangularis</i> . <i>Journal of Bioactive and Compatible Polymers</i> , 2020, 35, 57-73.	0.8	13
6	Functionally coated polyethersulfone hollow fiber membranes: A substrate for enhanced HepG2/C3A functions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 164, 358-369.	2.5	20
7	Bioinspired Engineering for Liver Tissue Regeneration and Development of Bioartificial Liver: A Review. <i>Critical Reviews in Biomedical Engineering</i> , 2018, 46, 413-427.	0.5	11
8	Artificial Bone via Bone Tissue Engineering: Current Scenario and Challenges. <i>Tissue Engineering and Regenerative Medicine</i> , 2017, 14, 1-14.	1.6	75
9	Islet encapsulated implantable composite hollow fiber membrane based device: A bioartificial pancreas. <i>Materials Science and Engineering C</i> , 2017, 77, 857-866.	3.8	12
10	Exploiting group structure in MAC protocol design for multichannel ad hoc Cognitive Radio Networks. , 2016, , .		1
11	Bioconductive 3D nano-composite constructs with tunable elasticity to initiate stem cell growth and induce bone mineralization. <i>Materials Science and Engineering C</i> , 2016, 69, 700-714.	3.8	13
12	Bifunctional Polysulfone-Chitosan Composite Hollow Fiber Membrane for Bioartificial Liver. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 372-381.	2.6	44
13	Hardystonite improves biocompatibility and strength of electrospun polycaprolactone nanofibers over hydroxyapatite: A comparative study. <i>Materials Science and Engineering C</i> , 2013, 33, 2926-2936.	3.8	56
14	Biologic Tissue Sampling With Untethered Microgrippers. <i>Gastroenterology</i> , 2013, 144, 691-693.	0.6	30
15	Improved functionalization of electrospun PLLA/gelatin scaffold by alternate soaking method for bone tissue engineering. <i>Applied Surface Science</i> , 2013, 268, 477-488.	3.1	75
16	Tissue Engineering: Bio-Origami Hydrogel Scaffolds Composed of Photocrosslinked PEG Bilayers (Adv.) <i>Tissue Engineering Part B: Applied Biomaterials</i> , 2013, 17, 1059-1067.	3.9	11
17	Design for a Lithographically Patterned Bioartificial Endocrine Pancreas. <i>Artificial Organs</i> , 2013, 37, 1059-1067.	1.0	17
18	Bio-Origami Hydrogel Scaffolds Composed of Photocrosslinked PEG Bilayers. <i>Advanced Healthcare Materials</i> , 2013, 2, 1142-1150.	3.9	210

#	ARTICLE	IF	CITATIONS
19	Stimuli Responsive Materials: Biopsy with Thermallyâ€Responsive Untethered Microtools (Adv. Mater.) Tj ETQq1 1 0,784314 1gBT /Over	11.1	217
20	Biopsy with Thermallyâ€Responsive Untethered Microtools. Advanced Materials, 2013, 25, 514-519.	11.1	217
21	Generation of Functional Islets from Human Umbilical Cord and Placenta Derived Mesenchymal Stem Cells. Methods in Molecular Biology, 2012, 879, 291-313.	0.4	27
22	The biocompatibility and separation performance of antioxidative polysulfone/vitamin E TPGS composite hollow fiber membranes. Biomaterials, 2011, 32, 352-365.	5.7	86
23	Comparative Analysis of Routine Laboratory Diagnostic Tests for Rabies. Indian Journal of Virology: an Official Organ of Indian Virological Society, 2011, 22, 142-145.	0.7	0
24	In Vivo Evaluation of the Biocompatibility of Surface Modified Hemodialysis Polysulfone Hollow Fibers in Rat. PLoS ONE, 2011, 6, e25236.	1.1	25
25	Reversal of experimental diabetes in mice by transplantation of neo-islets generated from human amnion-derived mesenchymal stromal cells using immuno-isolatory macrocapsules. Cytotherapy, 2010, 12, 982-991.	0.3	53
26	Human breast milk is a rich source of multipotent mesenchymal stem cells. Human Cell, 2010, 23, 35-40.	1.2	140
27	Islet neogenesis from the constitutively nestin expressing human umbilical cord matrix derived mesenchymal stem cells. Islets, 2010, 2, 112-120.	0.9	67
28	Human Placenta-Derived Mesenchymal Stem Cells and Islet-Like Cell Clusters Generated From These Cells as a Novel Source for Stem Cell Therapy in Diabetes. Review of Diabetic Studies, 2010, 7, 168-182.	0.5	98
29	Simultaneous isolation of vascular endothelial cells and mesenchymal stem cells from the human umbilical cord. In Vitro Cellular and Developmental Biology - Animal, 2009, 45, 23-27.	0.7	37
30	Who is the culprit for post menopausal syndrome? Uterus/Ovary!. Medical Hypotheses, 2008, 71, 382-385.	0.8	3
31	Herbally Painted Biofunctional Scaffolds with Improved Osteoinductivity for Bone Tissue Engineering. Journal of Biomimetics, Biomaterials and Biomedical Engineering, 0, 41, 49-68.	0.5	4