Sachin S Kadam

List of Publications by Year
in descending order

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	Biopsy with Thermallyâ€Responsive Untethered Microtools. Advanced Materials, 2013, 25, 514-519.	11.1	217
2	Bioâ€Origami Hydrogel Scaffolds Composed of Photocrosslinked PEG Bilayers. Advanced Healthcare Materials, 2013, 2, 1142-1150.	3.9	210
3	Human breast milk is a rich source of multipotent mesenchymal stem cells. Human Cell, 2010, 23, 35-40.	1.2	140
4	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
5	The biocompatibility and separation performance of antioxidative polysulfone/vitamin E TPGS composite hollow fiber membranes. Biomaterials, 2011, 32, 352-365.	5.7	86
6	Improved functionalization of electrospun PLLA/gelatin scaffold by alternate soaking method for bone tissue engineering. Applied Surface Science, 2013, 268, 477-488.	3.1	75
7	Artificial Bone via Bone Tissue Engineering: Current Scenario and Challenges. Tissue Engineering and Regenerative Medicine, 2017, 14, 1-14.	1.6	75
8	Islet neogenesis from the constitutively nestin expressing human umbilical cord matrix derived mesenchymal stem cells. Islets, 2010, 2, 112-120.	0.9	67
9	Mesenchymal stem cells and exosome therapy for COVID-19: current status and future perspective. Human Cell, 2020, 33, 907-918.	1.2	63
10	Hardystonite improves biocompatibility and strength of electrospun polycaprolactone nanofibers over hydroxyapatite: A comparative study. Materials Science and Engineering C, 2013, 33, 2926-2936.	3.8	56
11	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
12	Bifunctional Polysulfone-Chitosan Composite Hollow Fiber Membrane for Bioartificial Liver. ACS Biomaterials Science and Engineering, 2015, 1, 372-381.	2.6	44
13	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
14	Biologic Tissue Sampling With Untethered Microgrippers. Gastroenterology, 2013, 144, 691-693.	0.6	30
15	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
16	In Vivo Evaluation of the Biocompatibility of Surface Modified Hemodialysis Polysulfone Hollow Fibers in Rat. PLoS ONE, 2011, 6, e25236.	1.1	25
17	Functionally coated polyethersulfone hollow fiber membranes: A substrate for enhanced HepG2/C3A functions. Colloids and Surfaces B: Biointerfaces, 2018, 164, 358-369.	2.5	20
18	Design for a Lithographically Patterned Bioartificial Endocrine Pancreas. Artificial Organs, 2013, 37, 1059-1067.	1.0	17

#	Article	IF	Citations
19	Bioconductive 3D nano-composite constructs with tunable elasticity to initiate stem cell growth and induce bone mineralization. Materials Science and Engineering C, 2016, 69, 700-714.	3.8	13
20	Layer-by-layer decorated herbal cell compatible scaffolds for bone tissue engineering: A synergistic effect of graphene oxide and Cissus quadrangularis. Journal of Bioactive and Compatible Polymers, 2020, 35, 57-73.	0.8	13
21	Islet encapsulated implantable composite hollow fiber membrane based device: A bioartificial pancreas. Materials Science and Engineering C, 2017, 77, 857-866.	3.8	12
22	Tissue Engineering: Bioâ€Origami Hydrogel Scaffolds Composed of Photocrosslinked PEG Bilayers (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10	3.9	11
23	Bioinspired Engineering for Liver Tissue Regeneration and Development of Bioartificial Liver: A Review. Critical Reviews in Biomedical Engineering, 2018, 46, 413-427.	0.5	11
24	Immunomodulatory extracellular vesicles: an alternative to cell therapy for COVID-19. Expert Opinion on Biological Therapy, 2021, 21, 1551-1560.	1.4	8
25	Bone regeneration in critical-size calvarial defect using functional biocompatible osteoinductive herbal scaffolds and human umbilical cord Whartonâ€™s Jelly-derived mesenchymal stem cells. Materials Today Communications, 2021, 26, 102049.	0.9	5
26	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
27	Who is the culprit for post menopausal syndrome? Uterus/Ovary!. Medical Hypotheses, 2008, 71, 382-385.	0.8	3
28	Convalescent plasma therapy - a silver lining for COVID-19 management?. Hematology, Transfusion and Cell Therapy, 2021, 43, 201-211.	0.1	3
29	Stimuli Responsive Materials: Biopsy with Thermallyâ€Responsive Untethered Microtools (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Ov	11.1	1
30	Exploiting group structure in MAC protocol design for multichannel ad hoc Cognitive Radio Networks. , 2016, , .		1
31	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