

Vivek K Bajpai

List of Publications by Year in descending order

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13
papers

588
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759055

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1151
citing authors

#	ARTICLE	IF	CITATIONS
1	Human-chimpanzee fused cells reveal cis-regulatory divergence underlying skeletal evolution. <i>Nature Genetics</i> , 2021, 53, 467-476.	9.4	46
2	A microfluidic cell-migration assay for the prediction of progression-free survival and recurrence time of patients with glioblastoma. <i>Nature Biomedical Engineering</i> , 2021, 5, 26-40.	11.6	38
3	Neural crest stem cells from human epidermis of aged donors maintain their multipotency in vitro and in vivo. <i>Scientific Reports</i> , 2019, 9, 9750.	1.6	21
4	A microfluidic assay for the quantification of the metastatic propensity of breast cancer specimens. <i>Nature Biomedical Engineering</i> , 2019, 3, 452-465.	11.6	85
5	Derivation of neural crest stem cells from human epidermal keratinocytes requires FGF2, IGF1, and inhibition of TGF1. <i>Bioengineering and Translational Medicine</i> , 2018, 3, 256-264.	3.9	8
6	Reprogramming Postnatal Human Epidermal Keratinocytes Toward Functional Neural Crest Fates. <i>Stem Cells</i> , 2017, 35, 1402-1415.	1.4	23
7	Flow induced adherens junction remodeling driven by cytoskeletal forces. <i>Experimental Cell Research</i> , 2017, 359, 327-336.	1.2	13
8	NANOG Reverses the Myogenic Differentiation Potential of Senescent Stem Cells by Restoring ACTIN Filamentous Organization and SRF-Dependent Gene Expression. <i>Stem Cells</i> , 2017, 35, 207-221.	1.4	30
9	Heart Regeneration with Engineered Myocardial Tissue. <i>Annual Review of Biomedical Engineering</i> , 2014, 16, 1-28.	5.7	69
10	Functional vascular smooth muscle cells derived from human induced pluripotent stem cells via mesenchymal stem cell intermediates. <i>Cardiovascular Research</i> , 2012, 96, 391-400.	1.8	77
11	Stem Cell Sources for Vascular Tissue Engineering and Regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2012, 18, 405-425.	2.5	81
12	Clonal multipotency and effect of long-term in vitro expansion on differentiation potential of human hair follicle derived mesenchymal stem cells. <i>Stem Cell Research</i> , 2012, 8, 74-84.	0.3	73
13	Cation- π interaction: to stack or to spread. <i>Molecular Physics</i> , 2008, 106, 1557-1566.	0.8	19