# Vivek K Bajpai

List of Publications by Year
in descending order



| 13 | 588 | 759233 12 | 1125743 13 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 16 | 16 | 16 | 1151 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A microfluidic assay for the quantification of the metastatic propensity of breast cancer specimens. Nature Biomedical Engineering, 2019, 3, 452-465. | 22.5 | 85 |
| 2 | Stem Cell Sources for Vascular Tissue Engineering and Regeneration. Tissue Engineering - Part B: Reviews, 2012, 18, 405-425. | 4.8 | 81 |
| 3 | Functional vascular smooth muscle cells derived from human induced pluripotent stem cells via mesenchymal stem cell intermediates. Cardiovascular Research, 2012, 96, 391-400. | 3.8 | 77 |
| 4 | Clonal multipotency and effect of long-term in vitro expansion on differentiation potential of human hair follicle derived mesenchymal stem cells. Stem Cell Research, 2012, 8, 74-84. | 0.7 | 73 |
| 5 | Heart Regeneration with Engineered Myocardial Tissue. Annual Review of Biomedical Engineering, 2014, 16, 1-28. | 12.3 | 69 |
| 6 | Humanâ€“chimpanzee fused cells reveal cis-regulatory divergence underlying skeletal evolution. Nature Genetics, 2021, 53, 467-476. | 21.4 | 46 |
| 7 | A microfluidic cell-migration assay for the prediction of progression-free survival and recurrence time of patients with glioblastoma. Nature Biomedical Engineering, 2021, 5, 26-40. | 22.5 | 38 |
| 8 | NANOG Reverses the Myogenic Differentiation Potential of Senescent Stem Cells by Restoring ACTIN Filamentous Organization and SRF-Dependent Gene Expression. Stem Cells, 2017, 35, 207-221. | 3.2 | 30 |
| 9 | Reprogramming Postnatal Human Epidermal Keratinocytes Toward Functional Neural Crest Fates. Stem Cells, 2017, 35, 1402-1415. | 3.2 | 23 |
| 10 | Neural crest stem cells from human epidermis of aged donors maintain their multipotency in vitro and in vivo. Scientific Reports, 2019, 9, 9750. | 3.3 | 21 |
| 11 | Cation-Ï€ interaction: to stack or to spread. Molecular Physics, 2008, 106, 1557-1566. | 1.7 | 19 |
| 12 | Flow induced adherens junction remodeling driven by cytoskeletal forces. Experimental Cell Research, 2017, 359, 327-336. | 2.6 | 13 |
| 13 | Derivation of neural crest stem cells from human epidermal keratinocytes requires FGFâ€2, IGFâ€1, and inhibition of TGFâ€Î²1. Bioengineering and Translational Medicine, 2018, 3, 256-264. | 7.1 | 8 |