Siddarth Chandrasekaran

List of Publications by Year
in descending order

14 papers	560 citations	840776 11 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	1033 citing authors

#	Article	IF	Citations
1	Super natural killer cells that target metastases in the tumor draining lymph nodes. Biomaterials, 2016, 77, 66-76.	11.4	67
2	Phenotypic Switch in Blood: Effects of Pro-Inflammatory Cytokines on Breast Cancer Cell Aggregation and Adhesion. PLoS ONE, 2013, 8, e54959.	2.5	67
3	Microenvironment of Tumor-Draining Lymph Nodes: Opportunities for Liposome-Based Targeted Therapy. International Journal of Molecular Sciences, 2014, 15, 20209-20239.	4.1	65
4	HSP90 Inhibitor Encapsulated Photo-Theranostic Nanoparticles for Synergistic Combination Cancer Therapy. Theranostics, 2016, 6, 1324-1335.	10.0	64
5	TRAIL-coated leukocytes that prevent the bloodborne metastasis of prostate cancer. Journal of Controlled Release, 2016, 223, 215-223.	9.9	62
6	A physical sciences network characterization of circulating tumor cell aggregate transport. American Journal of Physiology - Cell Physiology, 2015, 308, C792-C802.	4.6	54
7	TRAIL-Mediated Apoptosis in Breast Cancer Cells Cultured as 3D Spheroids. PLoS ONE, 2014, 9, e111487.	2.5	39
8	Effect of homotypic and heterotypic interaction in 3D on the E-selectin mediated adhesive properties of breast cancer cell lines. Biomaterials, 2012, 33, 9037-9048.	11.4	35
9	Microenvironment induced spheroid to sheeting transition of immortalized human keratinocytes (HaCaT) cultured in microbubbles formed in polydimethylsiloxane. Biomaterials, 2011, 32, 7159-7168.	11.4	30
10	Enriching and characterizing cancer stem cell sub-populations in the WM115 melanoma cell line. Biomaterials, 2011, 32, 9316-9327.	11.4	30
11	Sweeping lymph node micrometastases off their feet: an engineered model to evaluate natural killer cell mediated therapeutic intervention of circulating tumor cells that disseminate to the lymph nodes. Lab on A Chip, 2014, 14, 118-127.	6.0	19
12	Gather Round: In vitro tumor spheroids as improved models of in vivo tumors. Journal of Bioengineering & Biomedical Science, 2012, 02, .	0.2	11
13	In vitro assays for determining the metastatic potential of melanoma cell lines with characterized in vivo invasiveness. Biomedical Microdevices, 2016, 18, 89.	2.8	9
14	Dynamic Switch Between Two Adhesion Phenotypes in Colorectal Cancer Cells. Cellular and Molecular Bioengineering, 2014, 7, 35-44.	2.1	8