

Vikas P Sukhatme

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

7,104
citations

32
h-index

44
g-index

44
ext. papers

7,983
ext. citations

10
avg, IF

5.1
L-index

#	Paper	IF	Citations
43	Excess placental soluble fms-like tyrosine kinase 1 (sFlt1) may contribute to endothelial dysfunction, hypertension, and proteinuria in preeclampsia. <i>Journal of Clinical Investigation</i> , 2003 , 111, 649-58	15.9	2717
42	Co-assembly of polycystin-1 and -2 produces unique cation-permeable currents. <i>Nature</i> , 2000 , 408, 990-4	50.4	679
41	Combined effects of angiostatin and ionizing radiation in antitumour therapy. <i>Nature</i> , 1998 , 394, 287-91	50.4	570
40	Tumor-derived lactate modifies antitumor immune response: effect on myeloid-derived suppressor cells and NK cells. <i>Journal of Immunology</i> , 2013 , 191, 1486-95	5.3	380
39	Excess circulating angiopoietin-2 may contribute to pulmonary vascular leak in sepsis in humans. <i>PLoS Medicine</i> , 2006 , 3, e46	11.6	373
38	Targeting lactate dehydrogenase--a inhibits tumorigenesis and tumor progression in mouse models of lung cancer and impacts tumor-initiating cells. <i>Cell Metabolism</i> , 2014 , 19, 795-809	24.6	311
37	Modeling precision treatment of breast cancer. <i>Genome Biology</i> , 2013 , 14, R110	18.3	204
36	The muscle-specific ubiquitin ligase atrogin-1/MAFbx mediates statin-induced muscle toxicity. <i>Journal of Clinical Investigation</i> , 2007 , 117, 3940-51	15.9	186
35	Resolvins suppress tumor growth and enhance cancer therapy. <i>Journal of Experimental Medicine</i> , 2018 , 215, 115-140	16.6	142
34	Inhibition of lung cancer growth: ATP citrate lyase knockdown and statin treatment leads to dual blockade of mitogen-activated protein kinase (MAPK) and phosphatidylinositol-3-kinase (PI3K)/AKT pathways. <i>Journal of Cellular Physiology</i> , 2012 , 227, 1709-20	7	106
33	Magic roundabout, a tumor endothelial marker: expression and signaling. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 332, 533-41	3.4	101
32	Decreased expression of the pro-apoptotic protein Par-4 in renal cell carcinoma. <i>Oncogene</i> , 1999 , 18, 1205-8	9.2	101
31	Lipocalin 2 diminishes invasiveness and metastasis of Ras-transformed cells. <i>Journal of Biological Chemistry</i> , 2005 , 280, 13641-7	5.4	91
30	Functional interactions of the cystine/glutamate antiporter, CD44v and MUC1-C oncoprotein in triple-negative breast cancer cells. <i>Oncotarget</i> , 2016 , 7, 11756-69	3.3	83
29	Aspirin-triggered proresolving mediators stimulate resolution in cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 6292-6297	11.5	74
28	Increased endothelial uptake of paclitaxel as a potential mechanism for its antiangiogenic effects: potentiation by Cox-2 inhibition. <i>International Journal of Cancer</i> , 2005 , 113, 490-8	7.5	73
27	Citrate Suppresses Tumor Growth in Multiple Models through Inhibition of Glycolysis, the Tricarboxylic Acid Cycle and the IGF-1R Pathway. <i>Scientific Reports</i> , 2017 , 7, 4537	4.9	61

26	Tumor-derived lactate and myeloid-derived suppressor cells: Linking metabolism to cancer immunology. <i>OncolImmunology</i> , 2013 , 2, e26383	7.2	60
25	A phase 2 pilot trial of low-dose, continuous infusion, or "metronomic" paclitaxel and oral celecoxib in patients with metastatic melanoma. <i>Cancer</i> , 2010 , 116, 1751-6	6.4	60
24	Suppression of chemotherapy-induced cytokine/lipid mediator surge and ovarian cancer by a dual COX-2/sEH inhibitor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 1698-1703	11.5	59
23	Knockdown of malic enzyme 2 suppresses lung tumor growth, induces differentiation and impacts PI3K/AKT signaling. <i>Scientific Reports</i> , 2014 , 4, 5414	4.9	55
22	Microarray analysis of in vitro pericyte differentiation reveals an angiogenic program of gene expression. <i>FASEB Journal</i> , 2005 , 19, 270-1	0.9	54
21	A novel endothelial-specific heat shock protein HspA12B is required in both zebrafish development and endothelial functions in vitro. <i>Journal of Cell Science</i> , 2006 , 119, 4117-26	5.3	52
20	Glycolytic cancer cells lacking 6-phosphogluconate dehydrogenase metabolize glucose to induce senescence. <i>FEBS Letters</i> , 2012 , 586, 2389-95	3.8	51
19	In vitro and in vivo induction of antiangiogenic activity by plasminogen activators and captopril. <i>Journal of the National Cancer Institute</i> , 2003 , 95, 388-99	9.7	50
18	Preoperative stimulation of resolution and inflammation blockade eradicates micrometastases. <i>Journal of Clinical Investigation</i> , 2019 , 129, 2964-2979	15.9	50
17	A critical role for calponin 2 in vascular development. <i>Journal of Biological Chemistry</i> , 2006 , 281, 6664-72	5.4	47
16	Activation of vitamin D receptor by the WilmsTumor gene product mediates apoptosis of renal cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2001 , 12, 1188-1196	12.7	45
15	Design and synthesis of emodin derivatives as novel inhibitors of ATP-citrate lyase. <i>European Journal of Medicinal Chemistry</i> , 2017 , 126, 920-928	6.8	42
14	Intracellular Ca(2+) signaling in endothelial cells by the angiogenesis inhibitors endostatin and angiotatin. <i>American Journal of Physiology - Cell Physiology</i> , 2001 , 280, C1140-50	5.4	41
13	Induction of erythroid differentiation in human erythroleukemia cells by depletion of malic enzyme 2. <i>PLoS ONE</i> , 2010 , 5, e12520	3.7	38
12	Critical roles of CD146 in zebrafish vascular development. <i>Developmental Dynamics</i> , 2005 , 232, 232-44	2.9	37
11	Biomarkers for monitoring antiangiogenic therapy. <i>Clinical Cancer Research</i> , 2007 , 13, 777s-780s	12.9	26
10	Chemotherapy-generated cell debris stimulates colon carcinoma tumor growth via osteopontin. <i>FASEB Journal</i> , 2019 , 33, 114-125	0.9	24
9	Low-Dose Farnesyltransferase Inhibitor Suppresses HIF-1 α and Snail Expression in Triple-Negative Breast Cancer MDA-MB-231 Cells In Vitro. <i>Journal of Cellular Physiology</i> , 2017 , 232, 192-201	7	16

8	Selective spectroscopic imaging of hyperpolarized pyruvate and its metabolites using a single-echo variable phase advance method in balanced SSFP. <i>Magnetic Resonance in Medicine</i> , 2016 , 76, 1102-15	4.4	16
7	Adipose-derived aldehyde dehydrogenase-expressing cells promote dermal regenerative potential with collagen-glycosaminoglycan scaffold. <i>Wound Repair and Regeneration</i> , 2017 , 25, 109-119	3.6	11
6	Discovery of furan carboxylate derivatives as novel inhibitors of ATP-citrate lyase via virtual high-throughput screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 929-935	2.9	5
5	Visualizing the effects of lactate dehydrogenase (LDH) inhibition and LDH-A genetic ablation in breast and lung cancer with hyperpolarized pyruvate NMR. <i>NMR in Biomedicine</i> , 2021 , 34, e4560	4.4	4
4	A Case of Complete and Durable Molecular Remission of Chronic Lymphocytic Leukemia Following Treatment with Epigallocatechin-3-gallate, an Extract of Green Tea. <i>Cureus</i> , 2015 , 7, e441	1.2	3
3	Tumor size does not limit radiation-inducible gene therapy in a human xenograft model. <i>Radiation Oncology Investigations</i> , 1995 , 3, 238-242		2
2	Targeting tumor vascular endothelium: an emerging concept for cancer therapy. <i>Drug Development Research</i> , 2008 , 69, 340-351	5.1	1
1	Repurposing for Neglected Diseases--Response. <i>Science</i> , 2009 , 326, 935-935	33.3	