Vikash P Chauhan

List of Publications by Year
in descending order

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21 papers	8,477 citations	361413 20 h-index	752698 20 g-index
23 all docs	23 docs citations	23 times ranked	12632 citing authors

#	Article	IF	Citations
1	Abstract P061: Dendritic cell paucity in mismatch repair-proficient colorectal cancer liver metastases limits the efficacy of immune checkpoint blockade. , 2022, , .		0
2	Tumor Microenvironment. , 2020, , 108-126.e7.		3
3	Blocking CXCR4 alleviates desmoplasia, increases T-lymphocyte infiltration, and improves immunotherapy in metastatic breast cancer. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4558-4566.	7.1	274
4	Reprogramming the microenvironment with tumor-selective angiotensin blockers enhances cancer immunotherapy. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10674-10680.	7.1	150
5	Solid stress and elastic energy as measures of tumour mechanopathology. Nature Biomedical Engineering, 2017, 1, .	22.5	280
6	Obesity-Induced Inflammation and Desmoplasia Promote Pancreatic Cancer Progression and Resistance to Chemotherapy. Cancer Discovery, 2016, 6, 852-869.	9.4	318
7	Compression of Pancreatic Tumor Blood Vessels by Hyaluronan Is Caused by Solid Stress and Not Interstitial Fluid Pressure. Cancer Cell, 2014, 26, 14-15.	16.8	155
8	Vascular and Interstitial Biology of Tumors. , 2014, , 108-126.e5.		3
9	Strategies for advancing cancer nanomedicine. Nature Materials, 2013, 12, 958-962.	27.5	717
10	Angiotensin inhibition enhances drug delivery and potentiates chemotherapy by decompressing tumour blood vessels. Nature Communications, 2013, 4, 2516.	12.8	745
11	Compact high-quality CdSeâ€“CdS coreâ€“shell nanocrystals with narrow emission linewidthsÂandÀsuppressed blinking. Nature Materials, 2013, 12, 445-451.	27.5	1,168
12	Causes, consequences, and remedies for growth-induced solid stress in murine and human tumors. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15101-15108.	7.1	677
13	Normalization of tumour blood vessels improves the delivery of nanomedicines in a size-dependent manner. Nature Nanotechnology, 2012, 7, 383-388.	31.5	928
14	Delivery of Molecular and Nanoscale Medicine to Tumors: Transport Barriers and Strategies. Annual Review of Chemical and Biomolecular Engineering, 2011, 2, 281-298.	6.8	491
15	Multistage nanoparticle delivery system for deep penetration into tumor tissue. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2426-2431.	7.1	938
16	Fluorescent Nanorods and Nanospheres for Realâ€Time In Vivo Probing of Nanoparticle Shapeâ€Dependent Tumor Penetration. Angewandte Chemie - International Edition, 2011, 50, 11417-11420.	13.8	399
17	Dehydro-Î±-lapachone, a plant product with antivascular activity. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11596-11601.	7.1	27
18	Losartan inhibits collagen I synthesis and improves the distribution and efficacy of nanotherapeutics in tumors. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2909-2914.	7.1	583

#	Article	IF	Citations
19	A Nanoparticle Size Series for Inâ€...Vivo Fluorescence Imaging. Angewandte Chemie - International Edition, 2010, 49, 8649-8652.	13.8	289
20	InAs(ZnCdS) Quantum Dots Optimized for Biological Imaging in the Near-Infrared. Journal of the American Chemical Society, 2010, 132, 470-471.	13.7	177
21	Multiscale Measurements Distinguish Cellular and Interstitial Hindrances to Diffusion In Vivo. Biophysical Journal, 2009, 97, 330-336.	0.5	71