

Vikash P Chauhan

List of Publications by Year in descending order

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Version: 2024-02-01

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	Compact high-quality CdSe/CdS core-shell nanocrystals with narrow emission linewidths and suppressed blinking. <i>Nature Materials</i> , 2013, 12, 445-451.	27.5	1,168
2	Multistage nanoparticle delivery system for deep penetration into tumor tissue. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2426-2431.	7.1	938
3	Normalization of tumour blood vessels improves the delivery of nanomedicines in a size-dependent manner. <i>Nature Nanotechnology</i> , 2012, 7, 383-388.	31.5	928
4	Angiotensin inhibition enhances drug delivery and potentiates chemotherapy by decompressing tumour blood vessels. <i>Nature Communications</i> , 2013, 4, 2516.	12.8	745
5	Strategies for advancing cancer nanomedicine. <i>Nature Materials</i> , 2013, 12, 958-962.	27.5	717
6	Causes, consequences, and remedies for growth-induced solid stress in murine and human tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15101-15108.	7.1	677
7	Losartan inhibits collagen I synthesis and improves the distribution and efficacy of nanotherapeutics in tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2909-2914.	7.1	583
8	Delivery of Molecular and Nanoscale Medicine to Tumors: Transport Barriers and Strategies. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2011, 2, 281-298.	6.8	491
9	Fluorescent Nanorods and Nanospheres for Real-Time In Vivo Probing of Nanoparticle Shape-Dependent Tumor Penetration. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11417-11420.	13.8	399
10	Obesity-Induced Inflammation and Desmoplasia Promote Pancreatic Cancer Progression and Resistance to Chemotherapy. <i>Cancer Discovery</i> , 2016, 6, 852-869.	9.4	318
11	A Nanoparticle Size Series for In Vivo Fluorescence Imaging. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8649-8652.	13.8	289
12	Solid stress and elastic energy as measures of tumour mechanopathology. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	280
13	Blocking CXCR4 alleviates desmoplasia, increases T-lymphocyte infiltration, and improves immunotherapy in metastatic breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4558-4566.	7.1	274
14	InAs(ZnCdS) Quantum Dots Optimized for Biological Imaging in the Near-Infrared. <i>Journal of the American Chemical Society</i> , 2010, 132, 470-471.	13.7	177
15	Compression of Pancreatic Tumor Blood Vessels by Hyaluronan Is Caused by Solid Stress and Not Interstitial Fluid Pressure. <i>Cancer Cell</i> , 2014, 26, 14-15.	16.8	155
16	Reprogramming the microenvironment with tumor-selective angiotensin blockers enhances cancer immunotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10674-10680.	7.1	150
17	Multiscale Measurements Distinguish Cellular and Interstitial Hindrances to Diffusion In Vivo. <i>Biophysical Journal</i> , 2009, 97, 330-336.	0.5	71
18	Dehydro- β -lapachone, a plant product with antivasular activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11596-11601.	7.1	27

#	ARTICLE	IF	CITATIONS
19	Tumor Microenvironment. , 2020, , 108-126.e7.		3
20	Vascular and Interstitial Biology of Tumors. , 2014, , 108-126.e5.		3
21	Abstract P061: Dendritic cell paucity in mismatch repair-proficient colorectal cancer liver metastases limits the efficacy of immune checkpoint blockade. , 2022, , .		0