

Pengcheng Bu

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,667
citations

279778

23
h-index

501174

28
g-index

29
all docs

29
docs citations

29
times ranked

5259
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Fusobacterium nucleatum</i> Promotes Colorectal Cancer Cell to Acquire Stem Cell-Like Features by Manipulating Lipid Droplet-Mediated Numb Degradation. <i>Advanced Science</i> , 2022, 9, e2105222.	11.2	28
2	The two sides of creatine in cancer. <i>Trends in Cell Biology</i> , 2022, 32, 380-390.	7.9	17
3	Non-coding RNA in cancer. <i>Essays in Biochemistry</i> , 2021, 65, 625-639.	4.7	186
4	Generation of an orthotopic mouse model to study colorectal cancer metastasis. <i>STAR Protocols</i> , 2021, 2, 100792.	1.2	8
5	Cytoplasmic NEAT1 Suppresses AML Stem Cell Self-Renewal and Leukemogenesis through Inactivation of Wnt Signaling. <i>Advanced Science</i> , 2021, 8, e2100914.	11.2	18
6	Non-coding RNAs in cancer stem cells. <i>Cancer Letters</i> , 2018, 421, 121-126.	7.2	42
7	Aldolase B-Mediated Fructose Metabolism Drives Metabolic Reprogramming of Colon Cancer Liver Metastasis. <i>Cell Metabolism</i> , 2018, 27, 1249-1262.e4.	16.2	180
8	A Notch positive feedback in the intestinal stem cell niche is essential for stem cell self-renewal. <i>Molecular Systems Biology</i> , 2017, 13, 927.	7.2	44
9	A long non-coding RNA targets microRNA miR-34a to regulate colon cancer stem cell asymmetric division. <i>ELife</i> , 2016, 5, .	6.0	88
10	A recellularized human colon model identifies cancer driver genes. <i>Nature Biotechnology</i> , 2016, 34, 845-851.	17.5	91
11	Notch signalling regulates asymmetric division and inter-conversion between <i>lgr5</i> and <i>bmi1</i> expressing intestinal stem cells. <i>Scientific Reports</i> , 2016, 6, 26069.	3.3	30
12	NOTCH Signaling Regulates Asymmetric Cell Fate of Fast- and Slow-Cycling Colon Cancer-Initiating Cells. <i>Cancer Research</i> , 2016, 76, 3411-3421.	0.9	49
13	Asymmetric division: An antitumor player?. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1164279.	0.7	5
14	A miR-34a-Numb Feedforward Loop Triggered by Inflammation Regulates Asymmetric Stem Cell Division in Intestine and Colon Cancer. <i>Cell Stem Cell</i> , 2016, 18, 189-202.	11.1	132
15	Targeted drug delivery to circulating tumor cells via platelet membrane-functionalized particles. <i>Biomaterials</i> , 2016, 76, 52-65.	11.4	234
16	Comprehensive models of human primary and metastatic colorectal tumors in immunodeficient and immunocompetent mice by chemokine targeting. <i>Nature Biotechnology</i> , 2015, 33, 656-660.	17.5	30
17	miR-1269 promotes metastasis and forms a positive feedback loop with TGF- β 2. <i>Nature Communications</i> , 2015, 6, 6879.	12.8	110
18	IRE1 α is an endogenous substrate of endoplasmic-reticulum-associated degradation. <i>Nature Cell Biology</i> , 2015, 17, 1546-1555.	10.3	173

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19	A positive feedback between p53 and miR-34 miRNAs mediates tumor suppression. <i>Genes and Development</i> , 2014, 28, 438-450.	5.9	254
20	Targeting Endothelial CD146 Attenuates Colitis and Prevents Colitis-Associated Carcinogenesis. <i>American Journal of Pathology</i> , 2014, 184, 1604-1616.	3.8	28
21	A microRNA miR-34a-Regulated Bimodal Switch Targets Notch in Colon Cancer Stem Cells. <i>Cell Stem Cell</i> , 2013, 12, 602-615.	11.1	325
22	Asymmetric division: a marker for cancer stem cells?. <i>Oncotarget</i> , 2013, 4, 950-951.	1.8	35
23	Chemokine CXCL12-induced signaling suppresses colon cancer invasion and metastasis. <i>Journal of Clinical Investigation</i> , 2012, 122, 3184-3196.	8.2	67
24	miR-34 miRNAs provide a barrier for somatic cell reprogramming. <i>Nature Cell Biology</i> , 2011, 13, 1353-1360.	10.3	347
25	Influenza virus detection with pentabody-activated nanoparticles. <i>Journal of Virological Methods</i> , 2010, 169, 282-289.	2.1	32
26	Visualization of CD146 dimerization and its regulation in living cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 513-520.	4.1	32
27	Anti-CD146 monoclonal antibody AA98 inhibits angiogenesis via suppression of nuclear factor- κ B activation. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 2872-2878.	4.1	54
28	Purification, characterization and gene cloning of a novel phospholipase A2 from the venom of <i>Agkistrodon blomhoffii ussurensis</i> . <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 558-565.	2.8	28