Kai-Yuan Chen

List of Publications by Year
in descending order

17 papers	841 citations	840585 11 h-index	940416 16 g-index
17 all docs	17 docs citations	17 times ranked	1705 citing authors

#	Article	IF	Citations
1	Integrated chromatin and transcriptomic profiling of patient-derived colon cancer organoids identifies personalized drug targets to overcome oxaliplatin resistance. Genes and Diseases, 2021, 8, 203-214.	1.5	10
2	The regulation of ferroptosis by MESH1 through the activation of the integrative stress response. Cell Death and Disease, 2021, 12, 727.	2.7	25
3	Chromatin Remodeling of Colorectal Cancer Liver Metastasis is Mediated by an HGFâ€PU.1â€DPP4 Axis. Advanced Science, 2021, 8, e2004673.	5.6	14
4	Notch-Regulated Dendritic Cells Restrain Inflammation-Associated Colorectal Carcinogenesis. Cancer Immunology Research, 2021, 9, 348-361.	1.6	13
5	MESH1 is a cytosolic NADPH phosphatase that regulates ferroptosis. Nature Metabolism, 2020, 2, 270-277.	5.1	106
6	Agent-Based Modelling to Delineate Spatiotemporal Control Mechanisms of the Stem Cell Niche. Methods in Molecular Biology, 2019, 1975, 3-35.	0.4	1
7	Aldolase B-Mediated Fructose Metabolism Drives Metabolic Reprogramming of Colon Cancer Liver Metastasis. Cell Metabolism, 2018, 27, 1249-1262.e4.	7.2	180
8	Single-Cell Transcriptomics Reveals Heterogeneity and Drug Response of Human Colorectal Cancer Organoids. , 2018, 2018, 2378-2381.		21
9	Matrix metalloproteinase inhibitors enhance the efficacy of frontline drugs against Mycobacterium tuberculosis. PLoS Pathogens, 2018, 14, e1006974.	2.1	50
10	Prometheus revisited. Journal of Clinical Investigation, 2018, 128, 2192-2193.	3.9	7
11	A Notch positive feedback in the intestinal stem cell niche is essential for stem cell selfâ€renewal. Molecular Systems Biology, 2017, 13, 927.	3.2	44
12	Fucosylation Deficiency in Mice Leads to Colitis andÂAdenocarcinoma. Gastroenterology, 2017, 152, 193-205.e10.	0.6	48
13	Notch signalling regulates asymmetric division and inter-conversion between lgr5 and bmi1 expressing intestinal stem cells. Scientific Reports, 2016, 6, 26069.	1.6	30
14	NOTCH Signaling Regulates Asymmetric Cell Fate of Fast- and Slow-Cycling Colon Cancerâ€"Initiating Cells. Cancer Research, 2016, 76, 3411-3421.	0.4	49
15	A miR-34a-Numb Feedforward Loop Triggered by Inflammation Regulates Asymmetric Stem Cell Division in Intestine and Colon Cancer. Cell Stem Cell, 2016, 18, 189-202.	5.2	132
16	miR-1269 promotes metastasis and forms a positive feedback loop with TGF-Î². Nature Communications, 2015, 6, 6879.	5.8	110
17	Spatial perturbation with synthetic protein scaffold reveals robustness of asymmetric cell division. Journal of Biomedical Science and Engineering, 2013, 06, 134-143.	0.2	1