

# Kai-Yuan Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6820591/publications.pdf>

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17  
papers

841  
citations

840776  
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1705  
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#	ARTICLE	IF	CITATIONS
1	Integrated chromatin and transcriptomic profiling of patient-derived colon cancer organoids identifies personalized drug targets to overcome oxaliplatin resistance. <i>Genes and Diseases</i> , 2021, 8, 203-214.	3.4	10
2	The regulation of ferroptosis by MESH1 through the activation of the integrative stress response. <i>Cell Death and Disease</i> , 2021, 12, 727.	6.3	25
3	Chromatin Remodeling of Colorectal Cancer Liver Metastasis is Mediated by an HGF-PU.1-PP4 Axis. <i>Advanced Science</i> , 2021, 8, e2004673.	11.2	14
4	Notch-Regulated Dendritic Cells Restrain Inflammation-Associated Colorectal Carcinogenesis. <i>Cancer Immunology Research</i> , 2021, 9, 348-361.	3.4	13
5	MESH1 is a cytosolic NADPH phosphatase that regulates ferroptosis. <i>Nature Metabolism</i> , 2020, 2, 270-277.	11.9	106
6	Agent-Based Modelling to Delineate Spatiotemporal Control Mechanisms of the Stem Cell Niche. <i>Methods in Molecular Biology</i> , 2019, 1975, 3-35.	0.9	1
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	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 <i>Mycobacterium tuberculosis</i> . <i>PLoS Pathogens</i> , 2018, 14, e1006974.	4.7	50
10	Prometheus revisited. <i>Journal of Clinical Investigation</i> , 2018, 128, 2192-2193.	8.2	7
11	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
12	Fucosylation Deficiency in Mice Leads to Colitis and Adenocarcinoma. <i>Gastroenterology</i> , 2017, 152, 193-205.e10.	1.3	48
13	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
14	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
15	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
16	miR-1269 promotes metastasis and forms a positive feedback loop with TGF- $\beta$ 2. <i>Nature Communications</i> , 2015, 6, 6879.	12.8	110
17	Spatial perturbation with synthetic protein scaffold reveals robustness of asymmetric cell division. <i>Journal of Biomedical Science and Engineering</i> , 2013, 06, 134-143.	0.4	1