Yuan Chen

List of Publications by Year
in descending order

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		430874	501196
27	2,031	18	28
papers	citations	h-index	g-index

28	28	28	3961
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Breast-cancer-secreted miR-122 reprograms glucoseÂmetabolism in premetastatic niche toÂpromoteÂmetastasis. Nature Cell Biology, 2015, 17, 183-194.	10.3	895
2	Cancer-cell-secreted exosomal miR-105 promotes tumour growth through the MYC-dependent metabolic reprogramming of stromal cells. Nature Cell Biology, 2018, 20, 597-609.	10.3	306
3	SUMO-mediated regulation of NLRP3 modulates inflammasome activity. Nature Communications, 2018, 9, 3001.	12.8	134
4	Role of an N-Terminal Site of Ubc9 in SUMO-1, -2, and -3 Binding and Conjugationâ€. Biochemistry, 2003, 42, 9959-9969.	2.5	89
5	Role of SUMO activating enzyme in cancer stem cell maintenance and self-renewal. Nature Communications, 2016, 7, 12326.	12.8	78
6	Hydroxamic Acid and Benzoic Acidâ€“Based STAT3 Inhibitors Suppress Human Glioma and Breast Cancer Phenotypes In Vitro and In Vivo. Cancer Research, 2016, 76, 652-663.	0.9	66
7	Molecular mechanism of a covalent allosteric inhibitor of SUMO E1 activating enzyme. Nature Communications, 2018, 9, 5145.	12.8	46
8	Targeted inhibition of STAT/TET1 axis as a therapeutic strategy for acute myeloid leukemia. Nature Communications, 2017, 8, 2099.	12.8	45
9	Identification and Characterization of a New Chemotype of Noncovalent SENP Inhibitors. ACS Chemical Biology, 2013, 8, 1435-1441.	3.4	38
10	Allosteric Inhibition of Ubiquitin-like Modifications by a Class of Inhibitor of SUMO-Activating Enzyme. Cell Chemical Biology, 2019, 26, 278-288.e6.	5.2	36
11	Impaired p32 Regulation Caused by the Lymphoma-Prone RECQ4 Mutation Drives Mitochondrial Dysfunction. Cell Reports, 2014, 7, 848-858.	6.4	28
12	The Anticancer Activity of a First-in-class Small-molecule Targeting PCNA. Clinical Cancer Research, 2018, 24, 6053-6065.	7.0	27
13	Allosteric Communication across STAT3 Domains Associated with STAT3 Function and Disease-Causing Mutation. Journal of Molecular Biology, 2016, 428, 579-589.	4.2	24
14	Streptonigrin Inhibits SENP1 and Reduces the Protein Level of Hypoxia-Inducible Factor 1Î± (HIF1Î±) in Cells. Biochemistry, 2018, 57, 1807-1813.	2.5	23
15	Hirsutinolide Series Inhibit Stat3 Activity, Alter GCN1, MAP1B, Hsp105, G6PD, Vimentin, TrxR1, and Importin Î±-2 Expression, and Induce Antitumor Effects against Human Glioma. Journal of Medicinal Chemistry, 2015, 58, 7734-7748.	6.4	22
16	Sumoylation of RORÎ³t regulates TH17 differentiation and thymocyte development. Nature Communications, 2018, 9, 4870.	12.8	22
17	Domain alternation and active site remodeling are conserved structural features of ubiquitin E1. Journal of Biological Chemistry, 2017, 292, 12089-12099.	3.4	22
18	HIF-1-alpha links mitochondrial perturbation to the dynamic acquisition of breast cancer tumorigenicity. Oncotarget, 2016, 7, 34052-34069.	1.8	21

#	Article	IF	Citations
19	Multi-Kinase Inhibitor with Anti-p38Î³ Activity in Cutaneous T-Cell Lymphoma. Journal of Investigative Dermatology, 2018, 138, 2377-2387.	0.7	16
20	Regulation of miR-34b/c-targeted gene expression program by SUMOylation. Nucleic Acids Research, 2018, 46, 7108-7123.	14.5	16
21	Mechanistic Investigation of the Androgen Receptor DNA-Binding Domain Inhibitor Pyrvinium. ACS Omega, 2019, 4, 2472-2481.	3.5	16
22	Mechanism of E1-E2 Interaction for the Inhibition of Ubl Adenylation. Journal of Biological Chemistry, 2010, 285, 33457-33462.	3.4	15
23	Conformational flexibility and changes underlying activation of the SUMO-specific protease SENP1 by remote substrate binding. Nature Communications, 2014, 5, 4968.	12.8	15
24	A phase I clinical trial of binimetinib in combination with FOLFOX in patients with advanced metastatic colorectal cancer who failed prior standard therapy. Oncotarget, 2017, 8, 79750-79760.	1.8	12
25	MEK162 Enhances Antitumor Activity of 5-Fluorouracil and Trifluridine in KRAS-mutated Human Colorectal Cancer Cell Lines. Anticancer Research, 2017, 37, 2831-2838.	1.1	11
26	Design of High-Throughput Screening Assays and Identification of a SUMO1-Specific Small Molecule Chemotype Targeting the SUMO-Interacting Motif-Binding Surface. ACS Combinatorial Science, 2015, 17, 239-246.	3.8	5
27	Observation of an E2 (Ubc9)-homodimer by crystallography. Data in Brief, 2016, 7, 195-200.	1.0	2