

# Xuan Cao

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

551  
citations

933447

10  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

856  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-deep tyrosine phosphoproteomics enabled by a phosphotyrosine superbinder. <i>Nature Chemical Biology</i> , 2016, 12, 959-966.	8.0	141
2	Superbinder SH2 Domains Act as Antagonists of Cell Signaling. <i>Science Signaling</i> , 2012, 5, ra68.	3.6	109
3	Differential regulation of the activity of deleted in liver cancer 1 (DLC1) by tensins controls cell migration and transformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1455-1460.	7.1	66
4	Matrine inhibits the development and progression of ovarian cancer by repressing cancer associated phosphorylation signaling pathways. <i>Cell Death and Disease</i> , 2019, 10, 770.	6.3	46
5	N-acetylcysteine decreases malignant characteristics of glioblastoma cells by inhibiting Notch2 signaling. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 2.	8.6	40
6	A phosphorylation switch controls the spatiotemporal activation of Rho GTPases in directional cell migration. <i>Nature Communications</i> , 2015, 6, 7721.	12.8	38
7	Zika virus circumvents host innate immunity by targeting the adaptor proteins MAVS and MITA. <i>FASEB Journal</i> , 2019, 33, 9929-9944.	0.5	30
8	DLC1 SAM domain-binding peptides inhibit cancer cell growth and migration by inactivating RhoA. <i>Journal of Biological Chemistry</i> , 2020, 295, 645-656.	3.4	19
9	(Arg)9-SH2 superbinder: a novel promising anticancer therapy to melanoma by blocking phosphotyrosine signaling. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 138.	8.6	16
10	Src acts as the target of matrine to inhibit the proliferation of cancer cells by regulating phosphorylation signaling pathways. <i>Cell Death and Disease</i> , 2021, 12, 931.	6.3	14
11	Aptamerâ€SH2 superbinderâ€based targeted therapy for pancreatic ductal adenocarcinoma. <i>Clinical and Translational Medicine</i> , 2021, 11, e337.	4.0	11
12	Development of novel affinity reagents for detecting protein tyrosine phosphorylation based on superbinder SH2 domain in tumor cells. <i>Analytica Chimica Acta</i> , 2018, 1032, 138-146.	5.4	8
13	LKB1â€MARK2 signalling mediates lipopolysaccharideâ€induced production of cytokines in mouse macrophages. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 11307-11317.	3.6	6
14	Depdc5 deficiency exacerbates alcohol-induced hepatic steatosis via suppression of PPARÎ± pathway. <i>Cell Death and Disease</i> , 2021, 12, 710.	6.3	6
15	Dynamic interplay of two molecular switches enabled by the MEK1/2â€ERK1/2 and IL-6â€STAT3 signaling axes controls epithelial cell migration in response to growth factors. <i>Journal of Biological Chemistry</i> , 2021, 297, 101161.	3.4	1