

# Chenglai Fu

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

877  
citations

623734

14  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

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times ranked

1912  
citing authors

#	ARTICLE	IF	CITATIONS
1	The inositol pyrophosphate 5-InsP <sub>7</sub> drives sodium-potassium pump degradation by relieving an autoinhibitory domain of PI3K p85 $\beta$ . <i>Science Advances</i> , 2020, 6, .	10.3	16
2	IPMK Mediates Activation of ULK Signaling and Transcriptional Regulation of Autophagy Linked to Liver Inflammation and Regeneration. <i>Cell Reports</i> , 2019, 26, 2692-2703.e7.	6.4	30
3	Inositol hexakisphosphate kinase 3 promotes focal adhesion turnover via interactions with dynein intermediate chain 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3278-3287.	7.1	14
4	Inositol Polyphosphate Multikinase Inhibits Angiogenesis via Inositol Pentakisphosphate-Induced HIF-1 $\beta$ Degradation. <i>Circulation Research</i> , 2018, 122, 457-472.	4.5	14
5	C9ORF72 GGGGCC repeat-associated non-AUG translation is upregulated by stress through eIF2 $\beta$ phosphorylation. <i>Nature Communications</i> , 2018, 9, 51.	12.8	166
6	Inositol Hexakisphosphate Kinase-2 in Cerebellar Granule Cells Regulates Purkinje Cells and Motor Coordination via Protein 4.1N. <i>Journal of Neuroscience</i> , 2018, 38, 7409-7419.	3.6	11
7	Multiple aspects of male germ cell development and interactions with Sertoli cells require inositol hexakisphosphate kinase-1. <i>Scientific Reports</i> , 2018, 8, 7039.	3.3	19
8	Inositol hexakisphosphate kinase $\beta$ 2 in cerebellar granule cells acts through protein 4.1N to regulate Purkinje cell morphology and motor coordination. <i>FASEB Journal</i> , 2018, 32, 533.87.	0.5	0
9	Neuronal migration is mediated by inositol hexakisphosphate kinase 1 via $\beta$ -actinin and focal adhesion kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2036-2041.	7.1	50
10	Regulation of mTORC1 by lysosomal calcium and calmodulin. <i>ELife</i> , 2016, 5, .	6.0	107
11	Inositol pyrophosphates promote tumor growth and metastasis by antagonizing liver kinase B1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1773-1778.	7.1	84
12	Inositol Hexakisphosphate Kinase-3 Regulates the Morphology and Synapse Formation of Cerebellar Purkinje Cells via Spectrin/Adducin. <i>Journal of Neuroscience</i> , 2015, 35, 11056-11067.	3.6	46
13	Inositol Pyrophosphates Mediate the DNA-PK/ATM-p53 Cell Death Pathway by Regulating CK2 Phosphorylation of Tti1/Tel2. <i>Molecular Cell</i> , 2014, 54, 119-132.	9.7	103
14	Serine Racemase Regulated by Binding to Stargazin and PSD-95. <i>Journal of Biological Chemistry</i> , 2014, 289, 29631-29641.	3.4	41
15	A Newly Synthesized Sinapic Acid Derivative Inhibits Endothelial Activation In Vitro and In Vivo. <i>Molecular Pharmacology</i> , 2013, 83, 1099-1108.	2.3	12
16	Screening assay for blood vessel maturation inhibitors. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 364-369.	2.1	7
17	LIF maintains progenitor phenotype of endothelial progenitor cells via Kr $\beta$ 4ppel-like factor 4. <i>Microvascular Research</i> , 2012, 84, 270-277.	2.5	8
18	Prostaglandin E2 Promotes Endothelial Differentiation from Bone Marrow-Derived Cells through AMPK Activation. <i>PLoS ONE</i> , 2011, 6, e23554.	2.5	39

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19	A Novel Mechanism of $\hat{I}^3/\hat{I}^4$ T-Lymphocyte and Endothelial Activation by Shear Stress. <i>Circulation Research</i> , 2011, 108, 410-417.	4.5	42
20	Cholesterol increases adhesion of monocytes to endothelium by moving adhesion molecules out of caveolae. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 702-710.	2.4	34