

# Hong Zheng

## List of Publications by Year in descending order

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9  
papers

395  
citations

1307594  
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h-index

1474206  
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docs citations

9  
times ranked

870  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular signals converge at the NOX2-SHP-2 axis to induce reductive carboxylation in cancer cells. Cell Chemical Biology, 2022, , .	5.2	2
2	Gain-of-function mutations in the gene encoding the tyrosine phosphatase SHP2 induce hydrocephalus in a catalytically dependent manner. Science Signaling, 2018, 11, .	3.6	27
3	Mitochondrial oxidation of the carbohydrate fuel is required for neural precursor/stem cell function and postnatal cerebellar development. Science Advances, 2018, 4, eaat2681.	10.3	17
4	CCL3 is a key mediator for the leukemogenic effect of Ptpn11-activating mutations in the stem-cell microenvironment. Blood, 2017, 130, 1471-1474.	1.4	6
5	Leukaemogenic effects of Ptpn11 activating mutations in the stem cell microenvironment. Nature, 2016, 539, 304-308.	27.8	210
6	Gain-of-function mutations of <i>Ptpn11</i> (Shp2) cause aberrant mitosis and increase susceptibility to DNA damage-induced malignancies. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 984-989.	7.1	41
7	Maintenance of mouse hematopoietic stem cells ex vivo by reprogramming cellular metabolism. Blood, 2015, 125, 1562-1565.	1.4	49
8	Induction of a Tumor-associated Activating Mutation in Protein Tyrosine Phosphatase Ptpn11 (Shp2) Enhances Mitochondrial Metabolism, Leading to Oxidative Stress and Senescence. Journal of Biological Chemistry, 2013, 288, 25727-25738.	3.4	33
9	SHP-2 tyrosine phosphatase in human diseases. International Journal of Clinical and Experimental Medicine, 2009, 2, 17-25.	1.3	10