

Chengkai Dai

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,585
citations

840776

11
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

2339
citing authors

#	ARTICLE	IF	CITATIONS
1	Heat Shock Factor 1 Is a Powerful Multifaceted Modifier of Carcinogenesis. <i>Cell</i> , 2007, 130, 1005-1018.	28.9	757
2	HSF1: Guardian of Proteostasis in Cancer. <i>Trends in Cell Biology</i> , 2016, 26, 17-28.	7.9	166
3	MEK Guards Proteome Stability and Inhibits Tumor-Suppressive Amyloidogenesis via HSF1. <i>Cell</i> , 2015, 160, 729-744.	28.9	138
4	Loss of tumor suppressor NF1 activates HSF1 to promote carcinogenesis. <i>Journal of Clinical Investigation</i> , 2012, 122, 3742-3754.	8.2	118
5	The heat-shock, or HSF1-mediated proteotoxic stress, response in cancer: from proteomic stability to oncogenesis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160525.	4.0	78
6	Suppression of the HSF1-mediated proteotoxic stress response by the metabolic stress sensor AMPK. <i>EMBO Journal</i> , 2015, 34, 275-293.	7.8	76
7	HSF1 critically attunes proteotoxic stress sensing by mTORC1 to combat stress and promote growth. <i>Nature Cell Biology</i> , 2016, 18, 527-539.	10.3	70
8	Proteotoxic stress of cancer: Implication of the heat shock response in oncogenesis. <i>Journal of Cellular Physiology</i> , 2012, 227, 2982-2987.	4.1	65
9	mTORC1 senses stresses: Coupling stress to proteostasis. <i>BioEssays</i> , 2017, 39, 1600268.	2.5	59
10	Heat Shock Factor 1 Is a Direct Antagonist of AMP-Activated Protein Kinase. <i>Molecular Cell</i> , 2019, 76, 546-561.e8.	9.7	28
11	Metabolic control of the proteotoxic stress response: implications in diabetes mellitus and neurodegenerative disorders. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 4231-4248.	5.4	17
12	HSF1 physically neutralizes amyloid oligomers to empower overgrowth and bestow neuroprotection. <i>Science Advances</i> , 2020, 6, .	10.3	13
13	Multifaceted Roles of Heat Shock Factor 1 (HSF 1) in Cancer. <i>Heat Shock Proteins</i> , 2020, , 101-116.	0.2	0
14	Heat shock factor 1 is a direct anti-amyloid factor: connecting neurodegeneration and uncontrolled growth. <i>Neural Regeneration Research</i> , 2022, 17, 559.	3.0	0
15	HSF1 is a Direct, Master AMPK Antagonist to Control Protein Cholesteroylation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0