

Alexander Hergovich

List of Publications by Year in descending order

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61
papers

3,575
citations

126708

33
h-index

133063

59
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62
all docs

62
docs citations

62
times ranked

3957
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of microtubule stability by the von Hippel-Lindau tumour suppressor protein pVHL. <i>Nature Cell Biology</i> , 2003, 5, 64-70.	4.6	309
2	NDR kinases regulate essential cell processes from yeast to humans. <i>Nature Reviews Molecular Cell Biology</i> , 2006, 7, 253-264.	16.1	301
3	The human tumour suppressor LATS1 is activated by human MOB1 at the membrane. <i>Biochemical and Biophysical Research Communications</i> , 2006, 345, 50-58.	1.0	161
4	Regulation of NDR Protein Kinase by Hydrophobic Motif Phosphorylation Mediated by the Mammalian Ste20-Like Kinase MST3. <i>Molecular and Cellular Biology</i> , 2005, 25, 11019-11029.	1.1	141
5	VHL loss causes spindle misorientation and chromosome instability. <i>Nature Cell Biology</i> , 2009, 11, 994-1001.	4.6	141
6	NDR Kinase Is Activated by RASSF1A/MST1 in Response to Fas Receptor Stimulation and Promotes Apoptosis. <i>Current Biology</i> , 2008, 18, 1889-1895.	1.8	139
7	NDR Functions as a Physiological YAP1 Kinase in the Intestinal Epithelium. <i>Current Biology</i> , 2015, 25, 296-305.	1.8	104
8	MOB control: Reviewing a conserved family of kinase regulators. <i>Cellular Signalling</i> , 2011, 23, 1433-1440.	1.7	100
9	Human NDR Kinases Are Rapidly Activated by MOB Proteins through Recruitment to the Plasma Membrane and Phosphorylation. <i>Molecular and Cellular Biology</i> , 2005, 25, 8259-8272.	1.1	98
10	Centrosome-Associated NDR Kinase Regulates Centrosome Duplication. <i>Molecular Cell</i> , 2007, 25, 625-634.	4.5	98
11	The MST1 and hMOB1 Tumor Suppressors Control Human Centrosome Duplication by Regulating NDR Kinase Phosphorylation. <i>Current Biology</i> , 2009, 19, 1692-1702.	1.8	96
12	Human NDR Kinases Control G ₁ /S Cell Cycle Transition by Directly Regulating p21 Stability. <i>Molecular and Cellular Biology</i> , 2011, 31, 1382-1395.	1.1	96
13	RASSF1A Suppresses the Invasion and Metastatic Potential of Human Non-Small Cell Lung Cancer Cells by Inhibiting YAP Activation through the GEF-H1/RhoB Pathway. <i>Cancer Research</i> , 2016, 76, 1627-1640.	0.4	92
14	The Roles of NDR Protein Kinases in Hippo Signalling. <i>Genes</i> , 2016, 7, 21.	1.0	81
15	Regulation and functions of mammalian LATS/NDR kinases: looking beyond canonical Hippo signalling. <i>Cell and Bioscience</i> , 2013, 3, 32.	2.1	80
16	Mammalian NDR/LATS protein kinases in hippo tumor suppressor signaling. <i>BioFactors</i> , 2009, 35, 338-345.	2.6	78
17	Hippo signalling in the G ₂ /M cell cycle phase: Lessons learned from the yeast MEN and SIN pathways. <i>Seminars in Cell and Developmental Biology</i> , 2012, 23, 794-802.	2.3	77
18	Mammalian Hippo signalling: a kinase network regulated by protein-protein interactions. <i>Biochemical Society Transactions</i> , 2012, 40, 124-128.	1.6	74

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19	Priming-Dependent Phosphorylation and Regulation of the Tumor Suppressor pVHL by Glycogen Synthase Kinase 3. <i>Molecular and Cellular Biology</i> , 2006, 26, 5784-5796.	1.1	72
20	Regulation of Renal Epithelial Tight Junctions by the von Hippel-Lindau Tumor Suppressor Gene Involves Occludin and Claudin 1 and Is Independent of E-Cadherin. <i>Molecular Biology of the Cell</i> , 2009, 20, 1089-1101.	0.9	70
21	Regulation of NDR2 Protein Kinase by Multi-site Phosphorylation and the S100B Calcium-binding Protein. <i>Journal of Biological Chemistry</i> , 2004, 279, 23806-23812.	1.6	66
22	Differential NDR/LATS Interactions with the Human MOB Family Reveal a Negative Role for Human MOB2 in the Regulation of Human NDR Kinases. <i>Molecular and Cellular Biology</i> , 2010, 30, 4507-4520.	1.1	66
23	The kinases NDR1/2 act downstream of the Hippo homolog MST1 to mediate both egress of thymocytes from the thymus and lymphocyte motility. <i>Science Signaling</i> , 2015, 8, ra100.	1.6	63
24	Downstream of human NDR kinases: Impacting on c-myc and p21 protein stability to control cell cycle progression. <i>Cell Cycle</i> , 2011, 10, 1897-1904.	1.3	62
25	Ablation of the Kinase NDR1 Predisposes Mice to the Development of T Cell Lymphoma. <i>Science Signaling</i> , 2010, 3, ra47.	1.6	60
26	The characterisation of LATS2 kinase regulation in Hippo-YAP signalling. <i>Cellular Signalling</i> , 2016, 28, 488-497.	1.7	59
27	Mammalian NDR protein kinases: From regulation to a role in centrosome duplication. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 3-15.	1.1	58
28	MICAL-1 Is a Negative Regulator of MST-NDR Kinase Signaling and Apoptosis. <i>Molecular and Cellular Biology</i> , 2011, 31, 3603-3615.	1.1	54
29	The Hippo pathway in disease and therapy: cancer and beyond. <i>Clinical and Translational Medicine</i> , 2014, 3, 22.	1.7	51
30	The Pro-apoptotic STK38 Kinase Is a New Beclin1 Partner Positively Regulating Autophagy. <i>Current Biology</i> , 2015, 25, 2479-2492.	1.8	47
31	The NDR/LATS protein kinases in immunology and cancer biology. <i>Seminars in Cancer Biology</i> , 2018, 48, 104-114.	4.3	43
32	MOB (Mps one Binder) Proteins in the Hippo Pathway and Cancer. <i>Cells</i> , 2019, 8, 569.	1.8	37
33	LATS1 but not LATS2 represses autophagy by a kinase-independent scaffold function. <i>Nature Communications</i> , 2019, 10, 5755.	5.8	36
34	Relevance of Nuclear and Cytoplasmic von Hippel Lindau Protein Expression for Renal Carcinoma Progression. <i>American Journal of Pathology</i> , 2003, 163, 1013-1020.	1.9	34
35	Constitutively active NDR1-PIF kinase functions independent of MST1 and hMOB1 signalling. <i>Cellular Signalling</i> , 2014, 26, 1657-1667.	1.7	34
36	<scp>STK</scp> 38 kinase acts as <scp>XPO</scp> 1 gatekeeper regulating the nuclear export of autophagy proteins and other cargoes. <i>EMBO Reports</i> , 2019, 20, e48150.	2.0	34

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37	YAP-Hippo signalling downstream of leukemia inhibitory factor receptor: implications for breast cancer. <i>Breast Cancer Research</i> , 2012, 14, 326.	2.2	32
38	Stable MOB1 interaction with Hippo/MST is not essential for development and tissue growth control. <i>Nature Communications</i> , 2017, 8, 695.	5.8	32
39	Regulation of DNA damage responses and cell cycle progression by hMOB2. <i>Cellular Signalling</i> , 2015, 27, 326-339.	1.7	30
40	TAZ-Mediated Crosstalk between Wnt and Hippo Signaling. <i>Developmental Cell</i> , 2010, 18, 508-509.	3.1	24
41	A Hippo-like Signaling Pathway Controls Tracheal Morphogenesis in <i>Drosophila melanogaster</i> . <i>Developmental Cell</i> , 2018, 47, 564-575.e5.	3.1	24
42	Regulation of NDR1 activity by PLK1 ensures proper spindle orientation in mitosis. <i>Scientific Reports</i> , 2015, 5, 10449.	1.6	23
43	NDR Kinases Are Essential for Somitogenesis and Cardiac Looping during Mouse Embryonic Development. <i>PLoS ONE</i> , 2015, 10, e0136566.	1.1	23
44	NDR2 kinase contributes to cell invasion and cytokinesis defects induced by the inactivation of RASSF1A tumor-suppressor gene in lung cancer cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 158.	3.5	22
45	The Hippo network kinase STK38 contributes to protein homeostasis by inhibiting BAG3-mediated autophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 1556-1566.	1.9	20
46	Rassf5 and Ndr kinases act in a novel pathway regulating neuronal polarity through Par3 phosphorylation. <i>Journal of Cell Science</i> , 2014, 127, 3463-76.	1.2	19
47	hMOB3 Modulates MST1 Apoptotic Signaling and Supports Tumor Growth in Glioblastoma Multiforme. <i>Cancer Research</i> , 2014, 74, 3779-3789.	0.4	18
48	Mitochondrial clearance by the STK38 kinase supports oncogenic Ras-induced cell transformation. <i>Oncotarget</i> , 2016, 7, 44142-44160.	0.8	17
49	Generation of Stable Human Cell Lines with Tetracycline-inducible (Tet-on) shRNA or cDNA Expression. <i>Journal of Visualized Experiments</i> , 2013, , e50171.	0.2	13
50	STK38 at the crossroad between autophagy and apoptosis. <i>Autophagy</i> , 2016, 12, 594-595.	4.3	12
51	Hippo Signaling in Mitosis: An Updated View in Light of the MEN Pathway. <i>Methods in Molecular Biology</i> , 2017, 1505, 265-277.	0.4	12
52	Nuclear Dbf2-related protein kinases (NDRs) in isolated cardiac myocytes and the myocardium: Activation by cellular stresses and by phosphoprotein serine-/threonine-phosphatase inhibitors. <i>Cellular Signalling</i> , 2008, 20, 1564-1577.	1.7	8
53	STK38L kinase ablation promotes loss of cell viability in a subset of KRAS-dependent pancreatic cancer cell lines. <i>Oncotarget</i> , 2017, 8, 78556-78572.	0.8	8
54	OLA1 in Centrosome Biology alongside the BRCA1/BARD1 Complex: Looking beyond Centrosomes. <i>Molecular Cell</i> , 2014, 53, 3-5.	4.5	6

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55	The Possible Crosstalk of MOB2 With NDR1/2 Kinases in Cell Cycle and DNA Damage Signaling. Journal of Cell Signaling, 2016, 01, .	0.3	5
56	hMOB2 deficiency impairs homologous recombination-mediated DNA repair and sensitises cancer cells to PARP inhibitors. Cellular Signalling, 2021, 87, 110106.	1.7	5
57	<sc>YAP</sc> needs Nemo to guide a Hippo. EMBO Reports, 2017, 18, 3-4.	2.0	3
58	The Possible Crosstalk of MOB2 With NDR1/2 Kinases in Cell Cycle and DNA Damage Signaling. , 2016, 1, 125.		3
59	MST1/2 Kinase Assays Using Recombinant Proteins. Methods in Molecular Biology, 2019, 1893, 319-331.	0.4	2
60	The promise of using histone deacetylase inhibitors in combination treatment against breast cancer and other solid tumors. Chinese Clinical Oncology, 2017, 6, 9-9.	0.4	2
61	Measuring the Kinase Activities of the LATS/NDR Protein Kinases. Methods in Molecular Biology, 2019, 1893, 305-317.	0.4	0