

Lih-Wen Deng

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,868
citations

279487

23
h-index

264894

42
g-index

49
all docs

49
docs citations

49
times ranked

2785
citing authors

#	ARTICLE	IF	CITATIONS
1	MLL5 is involved in retinal photoreceptor maturation through facilitating CRX-mediated photoreceptor gene transactivation. <i>IScience</i> , 2022, 25, 104058.	1.9	1
2	Cysteine Metabolism in Cancer Progression and Therapy Resistance. , 2021, , 155-191.		0
3	Automated synthesis of prexasertib and derivatives enabled by continuous-flow solid-phase synthesis. <i>Nature Chemistry</i> , 2021, 13, 451-457.	6.6	51
4	GAGE mediates radio resistance in cervical cancers via the regulation of chromatin accessibility. <i>Cell Reports</i> , 2021, 36, 109621.	2.9	10
5	Fatty acid oxidation is a druggable gateway regulating cellular plasticity for driving metastasis in breast cancer. <i>Science Advances</i> , 2021, 7, eabh2443.	4.7	42
6	Redox-sensitive cyclophilin A elicits chemoresistance through realigning cellular oxidative status in colorectal cancer. <i>Cell Reports</i> , 2021, 37, 110069.	2.9	23
7	Biological Effects of Morpholin-4-ium 4 Methoxyphenyl (Morpholino) Phosphinodithioate and Other Phosphorothioate-Based Hydrogen Sulfide Donors. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 145-158.	2.5	14
8	A highly efficient non-viral process for programming mesenchymal stem cells for gene directed enzyme prodrug cancer therapy. <i>Scientific Reports</i> , 2020, 10, 14257.	1.6	17
9	A Radical Smiles Rearrangement Promoted by Neutral Eosin Y as a Direct Hydrogen Atom Transfer Photocatalyst. <i>Journal of the American Chemical Society</i> , 2020, 142, 11357-11362.	6.6	95
10	Cysteine Deprivation Targets Ovarian Clear Cell Carcinoma <i>via</i> Oxidative Stress and Iron Sulfur Cluster Biogenesis Deficit. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 1191-1208.	2.5	25
11	Rap1 regulates hematopoietic stem cell survival and affects oncogenesis and response to chemotherapy. <i>Nature Communications</i> , 2019, 10, 5349.	5.8	37
12	Premature activation of Cdk1 leads to mitotic events in S phase and embryonic lethality. <i>Oncogene</i> , 2019, 38, 998-1018.	2.6	56
13	Discovery of medium ring thiophosphorus based heterocycles as antiproliferative agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 967-972.	1.0	9
14	MLL5 (KMT2E): structure, function, and clinical relevance. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 2333-2344.	2.4	62
15	Cyclic polysulphide 1,2,4-trithiolane from stinky bean (<i>Parkia speciosa</i> seeds) is a slow releasing hydrogen sulphide (H ₂ S) donor. <i>Journal of Functional Foods</i> , 2017, 35, 197-204.	1.6	14
16	Intracellular Hyper-Acidification Potentiated by Hydrogen Sulfide Mediates Invasive and Therapy Resistant Cancer Cell Death. <i>Frontiers in Pharmacology</i> , 2017, 8, 763.	1.6	25
17	TIP60 represses telomerase expression by inhibiting Sp1 binding to the TERT promoter. <i>PLoS Pathogens</i> , 2017, 13, e1006681.	2.1	24
18	MLL5 maintains spindle bipolarity by preventing aberrant cytosolic aggregation of PLK1. <i>Journal of Cell Biology</i> , 2016, 212, 829-843.	2.3	4

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19	O-GlcNAcylation of MLL5 ² is essential for MLL5 ² AP-1 transcription complex assembly at the HPV16/18-long control region. <i>Journal of Molecular Cell Biology</i> , 2015, 7, 180-183.	1.5	10
20	Role of H ₂ S Donors in Cancer Biology. <i>Handbook of Experimental Pharmacology</i> , 2015, 230, 243-265.	0.9	25
21	Discovery of New H ₂ S Releasing Phosphordithioates and 2,3-Dihydro-2-phenyl-2-sulfanylenebenzo[1,3,2]oxazaphospholes with Improved Antiproliferative Activity. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6456-6480.	2.9	71
22	Hydrogen sulphide (H ₂ S) releasing capacity of essential oils isolated from organosulphur rich fruits and vegetables. <i>Journal of Functional Foods</i> , 2015, 14, 634-640.	1.6	34
23	The cystathionine β -lyase/hydrogen sulfide system maintains cellular glutathione status. <i>Biochemical Journal</i> , 2014, 460, 425-435.	1.7	40
24	Targeted Silencing of MLL5 ² Inhibits Tumor Growth and Promotes Gamma-Irradiation Sensitization in HPV16/18-Associated Cervical Cancers. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 2572-2582.	1.9	6
25	Highly Selective and Sensitive Near-Infrared-Fluorescent Probes for the Detection of Cellular Hydrogen Sulfide and the Imaging of H ₂ S in Mice. <i>Chemistry - an Asian Journal</i> , 2014, 9, 3604-3611.	1.7	32
26	Hydrogen sulfide donors in research and drug development. <i>MedChemComm</i> , 2014, 5, 557-570.	3.5	84
27	Molecular basis for chromatin binding and regulation of MLL5. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11296-11301.	3.3	72
28	Nickel(II) Dithiocarbamate Complexes Containing Sulforhodamine B as Fluorescent Probes for Selective Detection of Nitrogen Dioxide. <i>Journal of the American Chemical Society</i> , 2013, 135, 5312-5315.	6.6	64
29	<i>Enzymology</i> , 2013, , 95-116.		0
30	The Chemistry and Biology of Nakiterpiosin - C-nor-D-Homosteroids. <i>Synlett</i> , 2012, 23, 2298-2310.	1.0	7
31	MLL5 Maintains Genomic Integrity by Regulating the Stability of the Chromosomal Passenger Complex via a Functional Interaction with Borealin. <i>Journal of Cell Science</i> , 2012, 125, 4676-85.	1.2	10
32	Regulation of Heart Function by Endogenous Gaseous Mediators - Crosstalk Between Nitric Oxide and Hydrogen Sulfide. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 2081-2091.	2.5	92
33	The Slow-Releasing Hydrogen Sulfide Donor, GYY4137, Exhibits Novel Anti-Cancer Effects In Vitro and In Vivo. <i>PLoS ONE</i> , 2011, 6, e21077.	1.1	284
34	HURP Regulates Chromosome Congression by Modulating Kinesin Kif18A Function. <i>Current Biology</i> , 2011, 21, 1584-1591.	1.8	38
35	Gene profiling reveals hydrogen sulphide recruits death signaling via the N-methyl-D-aspartate receptor identifying commonalities with excitotoxicity. <i>Journal of Cellular Physiology</i> , 2011, 226, 1308-1322.	2.0	30
36	A Novel MLL5 Isoform That Is Essential to Activate E6 and E7 Transcription in HPV16/18-Associated Cervical Cancers. <i>Cancer Research</i> , 2011, 71, 6696-6707.	0.4	24

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37	Phosphorylation of Mixed Lineage Leukemia 5 by Cdc2 Affects Its Cellular Distribution and Is Required for Mitotic Entry. <i>Journal of Biological Chemistry</i> , 2010, 285, 20904-20914.	1.6	15
38	Site-Directed Mutagenesis on Human Cystathionine- β -Lyase Reveals Insights into the Modulation of H ₂ S Production. <i>Journal of Molecular Biology</i> , 2010, 396, 708-718.	2.0	53
39	PHOSPHORYLATION REGULATION OF MIXED LINEAGE LEUKEMIA 5. <i>FASEB Journal</i> , 2010, 24, lb152.	0.2	0
40	Structural Basis for the Inhibition Mechanism of Human Cystathionine β -Lyase, an Enzyme Responsible for the Production of H ₂ S. <i>Journal of Biological Chemistry</i> , 2009, 284, 3076-3085.	1.6	166
41	RNA interference against mixed lineage leukemia 5 resulted in cell cycle arrest. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 2472-2481.	1.2	36
42	MLL 5 protein forms intranuclear foci, and overexpression inhibits cell cycle progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 757-762.	3.3	59
43	Delineating the Site of Interaction on the pIII Protein of Filamentous Bacteriophage fd with the F-pilus of <i>Escherichia coli</i> . <i>Journal of Molecular Biology</i> , 2002, 319, 603-614.	2.0	53
44	Interaction of the Globular Domains of pIII Protein of Filamentous Bacteriophage fd with the F-Pilus of <i>Escherichia coli</i> . <i>Virology</i> , 1999, 253, 271-277.	1.1	49
45	120 Phage-display of antigenic peptides applied to vaccine design. <i>Biochemical Society Transactions</i> , 1998, 26, S8-S8.	1.6	1