

Kian Leong Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2606627/publications.pdf>

Version: 2024-02-01

38
papers

2,500
citations

304368

22
h-index

360668

35
g-index

41
all docs

41
docs citations

41
times ranked

5490
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Endoderm Induction from Human Pluripotent Stem Cells by Logically Directing Signals Controlling Lineage Bifurcations. <i>Cell Stem Cell</i> , 2014, 14, 237-252.	5.2	325
2	Generating specificity and diversity in the transcriptional response to hypoxia. <i>Nature Reviews Genetics</i> , 2009, 10, 821-832.	7.7	310
3	S-2-hydroxyglutarate regulates CD8+ T-lymphocyte fate. <i>Nature</i> , 2016, 540, 236-241.	13.7	306
4	Arkadia Induces Degradation of SnoN and c-Ski to Enhance Transforming Growth Factor- β Signaling. <i>Journal of Biological Chemistry</i> , 2007, 282, 20492-20501.	1.6	148
5	A Roadmap for Human Liver Differentiation from Pluripotent Stem Cells. <i>Cell Reports</i> , 2018, 22, 2190-2205.	2.9	145
6	Heparan Sulfation-Dependent Fibroblast Growth Factor Signaling Maintains Embryonic Stem Cells Primed for Differentiation in a Heterogeneous State. <i>Stem Cells</i> , 2010, 28, 191-200.	1.4	122
7	Non-canonical Notch signaling activates IL-6/JAK/STAT signaling in breast tumor cells and is controlled by p53 and IKK1/IKK2. <i>Oncogene</i> , 2013, 32, 4892-4902.	2.6	121
8	A Human Pluripotent Stem Cell Model of Facioscapulohumeral Muscular Dystrophy-Affected Skeletal Muscles. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1145-1161.	1.6	98
9	Arkadia Enhances Nodal/TGF- β Signaling by Coupling Phospho-Smad2/3 Activity and Turnover. <i>PLoS Biology</i> , 2007, 5, e67.	2.6	88
10	Physiologic hypoxia promotes maintenance of CML stem cells despite effective BCR-ABL1 inhibition. <i>Blood</i> , 2014, 123, 3316-3326.	0.6	87
11	Graded Nodal/Activin Signaling Titrates Conversion of Quantitative Phospho-Smad2 Levels into Qualitative Embryonic Stem Cell Fate Decisions. <i>PLoS Genetics</i> , 2011, 7, e1002130.	1.5	80
12	Selective inhibition of unfolded protein response induces apoptosis in pancreatic cancer cells. <i>Oncotarget</i> , 2014, 5, 4881-4894.	0.8	77
13	Down-regulation of Myc Is Essential for Terminal Erythroid Maturation. <i>Journal of Biological Chemistry</i> , 2010, 285, 40252-40265.	1.6	63
14	Hypoxia is a Key Driver of Alternative Splicing in Human Breast Cancer Cells. <i>Scientific Reports</i> , 2017, 7, 4108.	1.6	61
15	Activation of protein phosphatase 2A tumor suppressor as potential treatment of pancreatic cancer. <i>Molecular Oncology</i> , 2015, 9, 889-905.	2.1	51
16	An integrative model of pathway convergence in genetically heterogeneous blast crisis chronic myeloid leukemia. <i>Blood</i> , 2020, 135, 2337-2353.	0.6	49
17	The Hypoxia-Inducible Epigenetic Regulators Jmjd1a and C9a Provide a Mechanistic Link between Angiogenesis and Tumor Growth. <i>Molecular and Cellular Biology</i> , 2014, 34, 3702-3720.	1.1	47
18	Graded Smad2/3 Activation Is Converted Directly into Levels of Target Gene Expression in Embryonic Stem Cells. <i>PLoS ONE</i> , 2009, 4, e4268.	1.1	45

#	ARTICLE	IF	CITATIONS
19	The A Allele at rs13419896 of EPAS1 Is Associated with Enhanced Expression and Poor Prognosis for Non-Small Cell Lung Cancer. <i>PLoS ONE</i> , 2015, 10, e0134496.	1.1	33
20	Interactions between Notch- and hypoxia-induced transcriptomes in embryonic stem cells. <i>Experimental Cell Research</i> , 2010, 316, 1610-1624.	1.2	30
21	Hypoxia-inducible factor-1 α promotes cell survival during ammonia stress response in ovarian cancer stem-like cells. <i>Oncotarget</i> , 2017, 8, 114481-114494.	0.8	28
22	Xenobiotics and Loss of Cell Adhesion Drive Distinct Transcriptional Outcomes by Aryl Hydrocarbon Receptor Signaling. <i>Molecular Pharmacology</i> , 2012, 82, 1082-1093.	1.0	27
23	Functional Genome-wide Screening Identifies Targets and Pathways Sensitizing Pancreatic Cancer Cells to Dasatinib. <i>Journal of Cancer</i> , 2018, 9, 4762-4773.	1.2	25
24	Hypoxia-Induced Arterial Differentiation Requires Adrenomedullin and Notch Signaling. <i>Stem Cells and Development</i> , 2013, 22, 1360-1369.	1.1	23
25	Hypoxia-inducible factor-2 alpha up-regulates CD70 under hypoxia and enhances anchorage-independent growth and aggressiveness in cancer cells. <i>Oncotarget</i> , 2018, 9, 19123-19135.	0.8	21
26	Inhibition of the H3K9 methyltransferase G9A attenuates oncogenicity and activates the hypoxia signaling pathway. <i>PLoS ONE</i> , 2017, 12, e0188051.	1.1	20
27	HIF-dependent and reversible nucleosome disassembly in hypoxia-inducible gene promoters. <i>Experimental Cell Research</i> , 2018, 366, 181-191.	1.2	17
28	Interaction between von Hippel-Lindau Protein and Fatty Acid Synthase Modulates Hypoxia Target Gene Expression. <i>Scientific Reports</i> , 2017, 7, 7190.	1.6	12
29	SRSF1 mediates cytokine-induced impaired imatinib sensitivity in chronic myeloid leukemia. <i>Leukemia</i> , 2020, 34, 1787-1798.	3.3	12
30	The Kr μ ppel-like zinc finger transcription factor, GLI-similar 1, is regulated by hypoxia-inducible factors via non-canonical mechanisms. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 499-506.	1.0	9
31	The arginase inhibitor N ^ω -hydroxy-L-norarginine (nor-NOHA) induces apoptosis in leukemic cells specifically under hypoxic conditions but CRISPR/Cas9 excludes arginase 2 (ARG2) as the functional target. <i>PLoS ONE</i> , 2018, 13, e0205254.	1.1	8
32	Hypoxia regulates microRNA expression in the human carotid body. <i>Experimental Cell Research</i> , 2017, 352, 412-419.	1.2	3
33	A KDM6 inhibitor potently induces ATF4 and its target gene expression through HRI activation and by UTX inhibition. <i>Scientific Reports</i> , 2021, 11, 4538.	1.6	2
34	Validation and refinement of a RUNX1 mutation-associated gene expression signature in blast crisis chronic myeloid leukemia. <i>Leukemia</i> , 2022, 36, 892-896.	3.3	2
35	Hypoxia Regulates MicroRNA Expression in the Human Carotid Body. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1071, 25-33.	0.8	1
36	Co-immunoprecipitation Assay Using Endogenous Nuclear Proteins from Cells Cultured Under Hypoxic Conditions. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	1

#	ARTICLE	IF	CITATIONS
37	Physiologic Hypoxia Promotes Maintenance of CML Stem Cells Despite Effective BCR-ABL Inhibition. Blood, 2011, 118, 450-450.	0.6	0
38	Hypoxia-inducible factor-1 α regulates energy fuel metabolism and mediates metabolic plasticity during ammonia stress response in ovarian cancer stem-like cells. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-6-39.	0.0	0