

Falko Lange

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1812403/publications.pdf>

Version: 2024-02-01

25
papers

430
citations

759233

12
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

724
citing authors

#	ARTICLE	IF	CITATIONS
1	AMPA receptor antagonist perampanel affects glioblastoma cell growth and glutamate release in vitro. PLoS ONE, 2019, 14, e0211644.	2.5	56
2	Systems biology of JAK-STAT signalling in human malignancies. Progress in Biophysics and Molecular Biology, 2011, 106, 426-434.	2.9	44
3	Glutamatergic Mechanisms in Glioblastoma and Tumor-Associated Epilepsy. Cells, 2021, 10, 1226.	4.1	40
4	Mathematical modelling of interferon- γ signalling in pancreatic stellate cells reflects and predicts the dynamics of STAT1 pathway activity. Cellular Signalling, 2010, 22, 97-105.	3.6	31
5	Studies on mechanisms of interferon-gamma action in pancreatic cancer using a data-driven and model-based approach. Molecular Cancer, 2011, 10, 13.	19.2	25
6	Mitochondrial complex IV mutation increases reactive oxygen species production and reduces lifespan in aged mice. Acta Physiologica, 2019, 225, e13214.	3.8	25
7	Parameter Identifiability and Sensitivity Analysis Predict Targets for Enhancement of STAT1 Activity in Pancreatic Cancer and Stellate Cells. PLoS Computational Biology, 2012, 8, e1002815.	3.2	20
8	Galectin-1 induced activation of the mitochondrial apoptotic pathway: evidence for a connection between death-receptor and mitochondrial pathways in human Jurkat T lymphocytes. Histochemistry and Cell Biology, 2009, 132, 211-223.	1.7	18
9	Biological and Molecular Effects of Small Molecule Kinase Inhibitors on Low-Passage Human Colorectal Cancer Cell Lines. BioMed Research International, 2014, 2014, 1-13.	1.9	18
10	Uncoupling protein 2 protects mice from aging. Mitochondrion, 2016, 30, 42-50.	3.4	17
11	Age-Dependent Effects of UCP2 Deficiency on Experimental Acute Pancreatitis in Mice. PLoS ONE, 2014, 9, e94494.	2.5	16
12	Perampanel attenuates epileptiform phenotype in C6 glioma. Neuroscience Letters, 2020, 715, 134629.	2.1	14
13	Antifibrogenic effects of vitamin D derivatives on mouse pancreatic stellate cells. World Journal of Gastroenterology, 2018, 24, 170-178.	3.3	14
14	Insights into erlotinib action in pancreatic cancer cells using a combined experimental and mathematical approach. World Journal of Gastroenterology, 2012, 18, 6226.	3.3	13
15	Distinct antifibrogenic effects of erlotinib, sunitinib and sorafenib on rat pancreatic stellate cells. World Journal of Gastroenterology, 2014, 20, 7914.	3.3	13
16	Deciphering hallmark processes of aging from interaction networks. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 2706-2715.	2.4	11
17	Perampanel Add-on to Standard Radiochemotherapy in vivo Promotes Neuroprotection in a Rodent F98 Glioma Model. Frontiers in Neuroscience, 2020, 14, 598266.	2.8	11
18	Application of <i>in vivo</i> imaging techniques to monitor therapeutic efficiency of PLX4720 in an experimental model of microsatellite instable colorectal cancer. Oncotarget, 2017, 8, 69756-69767.	1.8	10

#	ARTICLE	IF	CITATIONS
19	Reduced Adolescent-Age Spatial Learning Ability Associated with Elevated Juvenile-Age Superoxide Levels in Complex I Mouse Mutants. <i>PLoS ONE</i> , 2015, 10, e0123863.	2.5	8
20	Establishment, functional and genetic characterization of three novel patient-derived rectal cancer cell lines. <i>World Journal of Gastroenterology</i> , 2018, 24, 4880-4892.	3.3	7
21	Galvanotactic Migration of Glioblastoma and Brain Metastases Cells. <i>Life</i> , 2022, 12, 580.	2.4	6
22	Correlation between Kir4.1 expression and barium-sensitive currents in rat and human glioma cell lines. <i>Neuroscience Letters</i> , 2021, 741, 135481.	2.1	5
23	Towards biomarkers for outcomes after pancreatic ductal adenocarcinoma and ischaemic stroke, with focus on (co)-morbidity and ageing/cellular senescence (SASKit): protocol for a prospective cohort study. <i>BMJ Open</i> , 2020, 10, e039560.	1.9	5
24	Microbeam Irradiation of the Beating Rodent Heart: An Ex Vivo Study of Acute and Subacute Effects on Cardiac Function. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 114, 143-152.	0.8	2
25	The mtDNA nt7778 G/T Polymorphism Augments Formation of Lymphocytic Foci but Does Not Aggravate Cerulein-Induced Acute Pancreatitis in Mice. <i>PLoS ONE</i> , 2014, 9, e102266.	2.5	1