

Falko Lange

List of Publications by Year in descending order

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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	Galvanotactic Migration of Glioblastoma and Brain Metastases Cells. <i>Life</i> , 2022, 12, 580.	2.4	6
2	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
3	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
4	Glutamatergic Mechanisms in Glioblastoma and Tumor-Associated Epilepsy. <i>Cells</i> , 2021, 10, 1226.	4.1	40
5	Perampanel attenuates epileptiform phenotype in C6 glioma. <i>Neuroscience Letters</i> , 2020, 715, 134629.	2.1	14
6	Perampanel Add-on to Standard Radiochemotherapy in vivo Promotes Neuroprotection in a Rodent F98 Glioma Model. <i>Frontiers in Neuroscience</i> , 2020, 14, 598266.	2.8	11
7	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
8	AMPA receptor antagonist perampanel affects glioblastoma cell growth and glutamate release in vitro. <i>PLoS ONE</i> , 2019, 14, e0211644.	2.5	56
9	Mitochondrial complex IV mutation increases reactive oxygen species production and reduces lifespan in aged mice. <i>Acta Physiologica</i> , 2019, 225, e13214.	3.8	25
10	Antifibrogenic effects of vitamin D derivatives on mouse pancreatic stellate cells. <i>World Journal of Gastroenterology</i> , 2018, 24, 170-178.	3.3	14
11	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
12	Application of <i>in vivo</i> imaging techniques to monitor therapeutic efficiency of PLX4720 in an experimental model of microsatellite instable colorectal cancer. <i>Oncotarget</i> , 2017, 8, 69756-69767.	1.8	10
13	Uncoupling protein 2 protects mice from aging. <i>Mitochondrion</i> , 2016, 30, 42-50.	3.4	17
14	Deciphering hallmark processes of aging from interaction networks. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 2706-2715.	2.4	11
15	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
16	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
17	Biological and Molecular Effects of Small Molecule Kinase Inhibitors on Low-Passage Human Colorectal Cancer Cell Lines. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	18
18	Age-Dependent Effects of UCP2 Deficiency on Experimental Acute Pancreatitis in Mice. <i>PLoS ONE</i> , 2014, 9, e94494.	2.5	16

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19	Distinct antifibrogenic effects of erlotinib, sunitinib and sorafenib on rat pancreatic stellate cells. <i>World Journal of Gastroenterology</i> , 2014, 20, 7914.	3.3	13
20	Parameter Identifiability and Sensitivity Analysis Predict Targets for Enhancement of STAT1 Activity in Pancreatic Cancer and Stellate Cells. <i>PLoS Computational Biology</i> , 2012, 8, e1002815.	3.2	20
21	Insights into erlotinib action in pancreatic cancer cells using a combined experimental and mathematical approach. <i>World Journal of Gastroenterology</i> , 2012, 18, 6226.	3.3	13
22	Systems biology of JAK-STAT signalling in human malignancies. <i>Progress in Biophysics and Molecular Biology</i> , 2011, 106, 426-434.	2.9	44
23	Studies on mechanisms of interferon-gamma action in pancreatic cancer using a data-driven and model-based approach. <i>Molecular Cancer</i> , 2011, 10, 13.	19.2	25
24	Mathematical modelling of interferon- γ signalling in pancreatic stellate cells reflects and predicts the dynamics of STAT1 pathway activity. <i>Cellular Signalling</i> , 2010, 22, 97-105.	3.6	31
25	Galectin-1 induced activation of the mitochondrial apoptotic pathway: evidence for a connection between death-receptor and mitochondrial pathways in human Jurkat T lymphocytes. <i>Histochemistry and Cell Biology</i> , 2009, 132, 211-223.	1.7	18