

Alexander Kleger

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7464511/publications.pdf>

Version: 2024-02-01

120
papers

4,826
citations

94269

37
h-index

118652

62
g-index

135
all docs

135
docs citations

135
times ranked

9392
citing authors

#	ARTICLE	IF	CITATIONS
1	The Selective 5-HT1A Agonist SR57746A Protects Intestinal Epithelial Cells and Enteric Glia Cells and Promotes Mucosal Recovery in Experimental Colitis. <i>Inflammatory Bowel Diseases</i> , 2022, 28, 423-433.	0.9	4
2	Functional Genomic Screening in Human Pluripotent Stem Cells Reveals New Roadblocks in Early Pancreatic Endoderm Formation. <i>Cells</i> , 2022, 11, 582.	1.8	2
3	Organoids at the PUB: The Porcine Urinary Bladder Serves as a Pancreatic Niche for Advanced Cancer Modeling. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102345.	3.9	7
4	State-matched organoid models to fight pancreatic cancer. <i>Trends in Cancer</i> , 2022, 8, 445-447.	3.8	1
5	Microbial Spectra and Clinical Outcomes from Endoscopically Drained Pancreatic Fluid Collections: A Descriptive Cohort Study. <i>Antibiotics</i> , 2022, 11, 420.	1.5	3
6	High temporal resolution proteome and phosphoproteome profiling of stem cell-derived hepatocyte development. <i>Cell Reports</i> , 2022, 38, 110604.	2.9	8
7	Impaired regulation of PMCA activity by defective CFTR expression promotes epithelial cell damage in alcoholic pancreatitis and hepatitis. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 265.	2.4	4
8	Functional IKK/NF- κ B signaling in pancreatic stellate cells is essential to prevent autoimmune pancreatitis. <i>Communications Biology</i> , 2022, 5, .	2.0	4
9	Generating iPSCs with a High-Efficient, Non-Invasive Method—An Improved Way to Cultivate Keratinocytes from Plucked Hair for Reprogramming. <i>Cells</i> , 2022, 11, 1955.	1.8	3
10	Acute pancreatitis: Murine model systems unravel disease—modifying genes with potential implications for diagnostics and patient stratification. <i>United European Gastroenterology Journal</i> , 2022, 10, 618-619.	1.6	0
11	Drug Inhibition of SARS-CoV-2 Replication in Human Pluripotent Stem Cell—Derived Intestinal Organoids. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 935-948.	2.3	69
12	Synergistic targeting and resistance to PARP inhibition in DNA damage repair-deficient pancreatic cancer. <i>Gut</i> , 2021, 70, 743-760.	6.1	49
13	Aseptic Liver Abscesses as an Exceptional Finding in Cogan—™s Syndrome. <i>Hepatology</i> , 2021, 73, 2067-2070.	3.6	2
14	DNA damage repair as a target in pancreatic cancer: state-of-the-art and future perspectives. <i>Gut</i> , 2021, 70, 606-617.	6.1	108
15	Enteropathogenic Infections: Organoids Go Bacterial. <i>Stem Cells International</i> , 2021, 2021, 1-14.	1.2	7
16	RINT1 Regulates SUMOylation and the DNA Damage Response to Preserve Cellular Homeostasis in Pancreatic Cancer. <i>Cancer Research</i> , 2021, 81, 1758-1774.	0.4	6
17	SARS-CoV-2 infects and replicates in cells of the human endocrine and exocrine pancreas. <i>Nature Metabolism</i> , 2021, 3, 149-165.	5.1	378
18	Alpha-1 antitrypsin inhibits TMPRSS2 protease activity and SARS-CoV-2 infection. <i>Nature Communications</i> , 2021, 12, 1726.	5.8	86

#	ARTICLE	IF	CITATIONS
19	A Follow-Up Study of a European IgG4-Related Disease Cohort Treated with Rituximab. <i>Journal of Clinical Medicine</i> , 2021, 10, 1329.	1.0	17
20	SARS-CoV-2 variants B.1.351 and P.1 escape from neutralizing antibodies. <i>Cell</i> , 2021, 184, 2384-2393.e12.	13.5	848
21	Human Pluripotent Stem Cells Go Diabetic: A Glimpse on Monogenic Variants. <i>Frontiers in Endocrinology</i> , 2021, 12, 648284.	1.5	2
22	Interpreting type 1 diabetes risk with genetics and single-cell epigenomics. <i>Nature</i> , 2021, 594, 398-402.	13.7	170
23	A Prospective Feasibility Trial to Challenge Patient-Derived Pancreatic Cancer Organoids in Predicting Treatment Response. <i>Cancers</i> , 2021, 13, 2539.	1.7	26
24	Functional Genomic Screening During Somatic Cell Reprogramming Identifies DKK3 as a Roadblock of Organ Regeneration. <i>Advanced Science</i> , 2021, 8, 2100626.	5.6	7
25	Modeling plasticity and dysplasia of pancreatic ductal organoids derived from human pluripotent stem cells. <i>Cell Stem Cell</i> , 2021, 28, 1105-1124.e19.	5.2	53
26	Telomerase and Pluripotency Factors Jointly Regulate Stemness in Pancreatic Cancer Stem Cells. <i>Cancers</i> , 2021, 13, 3145.	1.7	13
27	Single-cell-resolved differentiation of human induced pluripotent stem cells into pancreatic duct-like organoids on a microwell chip. <i>Nature Biomedical Engineering</i> , 2021, 5, 897-913.	11.6	61
28	IFITM proteins promote SARS-CoV-2 infection and are targets for virus inhibition in vitro. <i>Nature Communications</i> , 2021, 12, 4584.	5.8	129
29	Human stem cell-based retina on chip as new translational model for validation of AAV retinal gene therapy vectors. <i>Stem Cell Reports</i> , 2021, 16, 2242-2256.	2.3	27
30	New Insights Into Pancreatic Cancer: Notes from a Virtual Meeting. <i>Gastroenterology</i> , 2021, 161, 785-791.	0.6	5
31	Generation of Functional Vascular Endothelial Cells and Pericytes from Keratinocyte Derived Human Induced Pluripotent Stem Cells. <i>Cells</i> , 2021, 10, 74.	1.8	6
32	Mutations and variants of ONECUT1 in diabetes. <i>Nature Medicine</i> , 2021, 27, 1928-1940.	15.2	24
33	CDKN2A-Mutated Pancreatic Ductal Organoids from Induced Pluripotent Stem Cells to Model a Cancer Predisposition Syndrome. <i>Cancers</i> , 2021, 13, 5139.	1.7	15
34	Etiology and Morphology Impact on the Clinical Course of Chronic Pancreatitis. <i>Digestion</i> , 2021, 102, 462-468.	1.2	0
35	Spike residue 403 affects binding of coronavirus spikes to human ACE2. <i>Nature Communications</i> , 2021, 12, 6855.	5.8	25
36	Transcriptional changes and the role of ONECUT1 in hPSC pancreatic differentiation. <i>Communications Biology</i> , 2021, 4, 1298.	2.0	16

#	ARTICLE	IF	CITATIONS
37	Differentiation of human pluripotent stem cells into pancreatic duct-like organoids. STAR Protocols, 2021, 2, 100913.	0.5	13
38	Thirty-Eight-Negative Kinase 1 Is a Mediator of Acute Kidney Injury in Experimental and Clinical Traumatic Hemorrhagic Shock. Frontiers in Immunology, 2020, 11, 2081.	2.2	11
39	Transcutaneous carbon dioxide monitoring as a valid complementary method in acute respiratory failure. European Respiratory Journal, 2020, 56, 2002137.	3.1	0
40	Rapid, convenient and efficient kit-independent detection of SARS-CoV-2 RNA. Journal of Virological Methods, 2020, 286, 113965.	1.0	10
41	Serum IgG4 levels outperform IgG4/IgG RNA ratio in differential diagnosis of IgG4-related disease. JHEP Reports, 2020, 2, 100135.	2.6	2
42	IFN- γ treatment protocol for MHC-I ^{lo} /PD-L1 ⁺ pancreatic tumor cells selectively restores their TAP-mediated presentation competence and CD8 T-cell priming potential. , 2020, 8, e000692.		9
43	From Hair to iPSCs—A Guide on How to Reprogram Keratinocytes and Why. Current Protocols in Stem Cell Biology, 2020, 55, e121.	3.0	6
44	Maintenance Therapy for ATM-Deficient Pancreatic Cancer by Multiple DNA Damage Response Interferences after Platinum-Based Chemotherapy. Cells, 2020, 9, 2110.	1.8	17
45	An Immunological Glance on Pancreatic Ductal Adenocarcinoma. International Journal of Molecular Sciences, 2020, 21, 3345.	1.8	14
46	Human peptide α -defensin α 1 interferes with <i>Clostridioides difficile</i> toxins TcdA, TcdB, and CDT. FASEB Journal, 2020, 34, 6244-6261.	0.2	24
47	Pancreatic cancer-derived organoids — a disease modeling tool to predict drug response. United European Gastroenterology Journal, 2020, 8, 594-606.	1.6	48
48	Evidence of SARS-CoV2 Entry Protein ACE2 in the Human Nose and Olfactory Bulb. Cells Tissues Organs, 2020, 209, 155-164.	1.3	61
49	PDX-derived organoids model in vivo drug response and secrete biomarkers. JCI Insight, 2020, 5, .	2.3	66
50	Inhaled and systemic heparin as a repurposed direct antiviral drug for prevention and treatment of COVID-19. Clinical Medicine, 2020, 20, e218-e221.	0.8	39
51	Circulating Tumor DNA as a Novel Biomarker for Pancreatic Cancer. Molecular and Translational Medicine, 2020, , 107-116.	0.4	0
52	Stem cell-based retina models. Advanced Drug Delivery Reviews, 2019, 140, 33-50.	6.6	57
53	Pancreatic Ductal Organoids React Kras Dependent to the Removal of Tumor Suppressive Roadblocks. Stem Cells International, 2019, 2019, 1-8.	1.2	2
54	A Blood-Based Multi Marker Assay Supports the Differential Diagnosis of Early-Stage Pancreatic Cancer. Theranostics, 2019, 9, 1280-1287.	4.6	45

#	ARTICLE	IF	CITATIONS
55	Stem Cell Derived Organoids in Human Disease and Development. <i>Stem Cells International</i> , 2019, 2019, 1-2.	1.2	3
56	IgG4-Related Diseases in the Gastrointestinal Tract: Clinical Presentation, Diagnosis and Treatment Challenges. <i>Digestion</i> , 2019, 100, 1-14.	1.2	12
57	Genetic Biopsy for Prediction of Surveillance Intervals after Endoscopic Resection of Colonic Polyps: Results of the GENESIS Study. <i>United European Gastroenterology Journal</i> , 2018, 6, 290-299.	1.6	8
58	Importance of organoids for personalized medicine. <i>Personalized Medicine</i> , 2018, 15, 461-465.	0.8	26
59	YAP Activation Drives Liver Regeneration after Cholestatic Damage Induced by Rbpj Deletion. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3801.	1.8	20
60	Human Serum Albumin Is an Essential Component of the Host Defense Mechanism Against <i>Clostridium difficile</i> Intoxication. <i>Journal of Infectious Diseases</i> , 2018, 218, 1424-1435.	1.9	45
61	Organoidomics – falling star or new galaxy in pancreatic cancer?. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018, 15, 586-587.	8.2	5
62	Thirty-eight-negative kinase 1 mediates trauma-induced intestinal injury and multi-organ failure. <i>Journal of Clinical Investigation</i> , 2018, 128, 5056-5072.	3.9	36
63	Genotyping of circulating tumor DNA in biliary tract cancer reveals diagnostic and prognostic information.. <i>Journal of Clinical Oncology</i> , 2018, 36, e16147-e16147.	0.8	3
64	Precision medicine meets the DNA damage response in pancreatic cancer. <i>Oncoscience</i> , 2018, 5, 6-8.	0.9	8
65	Targeted deep sequencing of circulating tumor DNA in metastatic pancreatic cancer. <i>Oncotarget</i> , 2018, 9, 2076-2085.	0.8	42
66	Human pluripotent stem cell-derived acinar/ductal organoids generate human pancreas upon orthotopic transplantation and allow disease modelling. <i>Gut</i> , 2017, 66, 473-486.	6.1	174
67	Hsp70 facilitates trans-membrane transport of bacterial ADP-ribosylating toxins into the cytosol of mammalian cells. <i>Scientific Reports</i> , 2017, 7, 2724.	1.6	43
68	ATM Deficiency Generating Genomic Instability Sensitizes Pancreatic Ductal Adenocarcinoma Cells to Therapy-Induced DNA Damage. <i>Cancer Research</i> , 2017, 77, 5576-5590.	0.4	94
69	Stem cell-derived organoids to model gastrointestinal facets of cystic fibrosis. <i>United European Gastroenterology Journal</i> , 2017, 5, 609-624.	1.6	17
70	Reprogramming to pluripotency does not require transition through a primitive streak-like state. <i>Scientific Reports</i> , 2017, 7, 16543.	1.6	7
71	Expanding the mutational spectrum in Johanson-Blizzard syndrome: identification of whole exon deletions and duplications in the <i>UBR1</i> gene by multiplex ligation-dependent probe amplification analysis. <i>Molecular Genetics & Genomic Medicine</i> , 2017, 5, 774-780.	0.6	9
72	Treatment monitoring of metastatic colorectal cancer by quantification and genotyping of mutated <i>KRAS</i> in circulating cell-free DNA.. <i>Journal of Clinical Oncology</i> , 2017, 35, e15037-e15037.	0.8	1

#	ARTICLE	IF	CITATIONS
73	Non-invasive diagnosis and tracking of tumor evolution by targeted sequencing of circulating tumor DNA in metastatic pancreatic cancer patients.. Journal of Clinical Oncology, 2017, 35, e15769-e15769.	0.8	1
74	Treatment monitoring in metastatic colorectal cancer patients by quantification and KRAS genotyping of circulating cell-free DNA. PLoS ONE, 2017, 12, e0174308.	1.1	40
75	Developmental Pathways Direct Pancreatic Cancer Initiation from Its Cellular Origin. Stem Cells International, 2016, 2016, 1-8.	1.2	28
76	Factors Regulating Stem Cell Biology in Development and Disease. Stem Cells International, 2016, 2016, 1-3.	1.2	0
77	Pluripotency Factors on Their Lineage Move. Stem Cells International, 2016, 2016, 1-16.	1.2	12
78	TBX3 Knockdown Decreases Reprogramming Efficiency of Human Cells. Stem Cells International, 2016, 2016, 1-7.	1.2	8
79	The role of pluripotency factors to drive stemness in gastrointestinal cancer. Stem Cell Research, 2016, 16, 349-357.	0.3	76
80	Cortactin is a scaffolding platform for the E-Cadherin adhesion complex controlled by protein kinase D1 phosphorylation. Journal of Cell Science, 2016, 129, 2416-29.	1.2	15
81	An Exceptional Cause of Epigastric Pain. Gastroenterology, 2016, 150, e1-e2.	0.6	0
82	Tbx3 fosters pancreatic cancer growth by increased angiogenesis and activin/nodal-dependent induction of stemness. Stem Cell Research, 2016, 17, 367-378.	0.3	27
83	Detection of Hot-Spot Mutations in Circulating Cell-Free DNA From Patients With Intraductal Papillary Mucinous Neoplasms of the Pancreas. Gastroenterology, 2016, 151, 267-270.	0.6	76
84	A rare cause of upper GI bleeding and wasting disease. Gut, 2016, 65, 787-787.	6.1	0
85	Open Surgical versus Minimal Invasive Necrosectomy of the Pancreas—A Retrospective Multicenter Analysis of the German Pancreatitis Study Group. PLoS ONE, 2016, 11, e0163651.	1.1	37
86	S-1: changing the facets of adjuvant chemotherapy in pancreatic cancer?. Translational Cancer Research, 2016, 5, S898-S902.	0.4	0
87	A Dynamic Role of TBX3 in the Pluripotency Circuitry. Stem Cell Reports, 2015, 5, 1155-1170.	2.3	57
88	IgG4-Related Autoimmune Diseases. Deutsches Ärztblatt International, 2015, 112, 128-35.	0.6	50
89	Loss of ATM accelerates pancreatic cancer formation and epithelial—mesenchymal transition. Nature Communications, 2015, 6, 7677.	5.8	90
90	A time frame permissive for Protein Kinase D2 activity to direct angiogenesis in mouse embryonic stem cells. Scientific Reports, 2015, 5, 11742.	1.6	7

#	ARTICLE	IF	CITATIONS
91	A Fresh Look on T-Box Factor Action in Early Embryogenesis (T-Box Factors in Early Development). <i>Stem Cells and Development</i> , 2015, 24, 1833-1851.	1.1	9
92	Self-Expandable Metal Stents for Persisting Esophageal Variceal Bleeding after Band Ligation or Injection-Therapy: A Retrospective Study. <i>PLoS ONE</i> , 2015, 10, e0126525.	1.1	17
93	Smarter drugs emerging in pancreatic cancer therapy. <i>Annals of Oncology</i> , 2014, 25, 1260-1270.	0.6	72
94	The Role of Telomeres in Liver Disease. <i>Progress in Molecular Biology and Translational Science</i> , 2014, 125, 159-172.	0.9	3
95	A Hierarchy in Reprogramming Capacity in Different Tissue Microenvironments: What We Know and What We Need to Know. <i>Stem Cells and Development</i> , 2013, 22, 695-706.	1.1	22
96	TBX3 Directs Cell-Fate Decision toward Mesendoderm. <i>Stem Cell Reports</i> , 2013, 1, 248-265.	2.3	72
97	Calcium activated potassium channel expression during human iPS cell-derived neurogenesis. <i>Annals of Anatomy</i> , 2013, 195, 303-311.	1.0	7
98	Developmental and Functional Nature of Human iPSC Derived Motoneurons. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 475-492.	5.6	36
99	Stem Cells and Ion Channels. <i>Stem Cells International</i> , 2013, 2013, 1-3.	1.2	9
100	Microarray-Based Comparisons of Ion Channel Expression Patterns: Human Keratinocytes to Reprogrammed hiPSCs to Differentiated Neuronal and Cardiac Progeny. <i>Stem Cells International</i> , 2013, 2013, 1-25.	1.2	21
101	Absence of FLICE-Inhibitory Protein Is a Novel Independent Prognostic Marker for Very Short Survival in Pancreatic Ductal Adenocarcinoma. <i>Pancreas</i> , 2013, 42, 1114-1119.	0.5	11
102	Definitive Endoderm Formation from Plucked Human Hair-Derived Induced Pluripotent Stem Cells and SK Channel Regulation. <i>Stem Cells International</i> , 2013, 2013, 1-13.	1.2	19
103	Fecal Transplant in Refractory <i>Clostridium difficile</i> Colitis. <i>Deutsches A&#x0308;rztblatt International</i> , 2013, 110, 108-15.	0.6	21
104	Rat Embryonic Fibroblasts Improve Reprogramming of Human Keratinocytes into Induced Pluripotent Stem Cells. <i>Stem Cells and Development</i> , 2012, 21, 965-976.	1.1	58
105	The Potential of iPS Cells in Synucleinopathy Research. <i>Stem Cells International</i> , 2012, 2012, 1-6.	1.2	6
106	Increased Reprogramming Capacity of Mouse Liver Progenitor Cells, Compared With Differentiated Liver Cells, Requires the BAF Complex. <i>Gastroenterology</i> , 2012, 142, 907-917.	0.6	47
107	Ca ²⁺ Activated K Channels-New Tools to Induce Cardiac Commitment from Pluripotent Stem Cells in Mice and Men. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 720-740.	5.6	24
108	An Inducible Expression System of the Calcium-Activated Potassium Channel 4 to Study the Differential Impact on Embryonic Stem Cells. <i>Stem Cells International</i> , 2011, 2011, 1-12.	1.2	22

#	ARTICLE	IF	CITATIONS
109	The Impact of Bioactive Lipids on Cardiovascular Development. <i>Stem Cells International</i> , 2011, 2011, 1-13.	1.2	23
110	Regeneration of the Exocrine Pancreas Is Delayed in Telomere-Dysfunctional Mice. <i>PLoS ONE</i> , 2011, 6, e17122.	1.1	12
111	An SK3 Channel/nWASP/Abi-1 Complex Is Involved in Early Neurogenesis. <i>PLoS ONE</i> , 2011, 6, e18148.	1.1	48
112	Calcium-Activated Potassium Channels, Cardiogenesis of Pluripotent Stem Cells, and Enrichment of Pacemaker-Like Cells. <i>Trends in Cardiovascular Medicine</i> , 2011, 21, 74-83.	2.3	15
113	Telomerase gene mutations are associated with cirrhosis formation. <i>Hepatology</i> , 2011, 53, 1608-1617.	3.6	143
114	Protein kinase D2 is a novel regulator of glioblastoma growth and tumor formation. <i>Neuro-Oncology</i> , 2011, 13, 710-724.	0.6	36
115	Protein Kinase D2 Is an Essential Regulator of Murine Myoblast Differentiation. <i>PLoS ONE</i> , 2011, 6, e14599.	1.1	17
116	Modulation of Calcium-Activated Potassium Channels Induces Cardiogenesis of Pluripotent Stem Cells and Enrichment of Pacemaker-Like Cells. <i>Circulation</i> , 2010, 122, 1823-1836.	1.6	102
117	Protein kinase D2 is a crucial regulator of tumour cell-endothelial cell communication in gastrointestinal tumours. <i>Gut</i> , 2010, 59, 1316-1330.	6.1	68
118	First Reported Case of Disease: Peliosis Hepatis as Cardinal Symptom of Hodgkin's Lymphoma. <i>Oncologist</i> , 2009, 14, 1088-1094.	1.9	19
119	The bioactive lipid sphingosylphosphorylcholine induces differentiation of mouse embryonic stem cells and human promyelocytic leukaemia cells. <i>Cellular Signalling</i> , 2007, 19, 367-377.	1.7	45
120	Mesodermal cell types induce neurogenesis from adult human hippocampal progenitor cells. <i>Journal of Neurochemistry</i> , 2006, 98, 629-640.	2.1	63