Thomas Klonisch

List of Publications by Year
in descending order

91	4,235	109321	128289
papers	citations	35 h-index	60 g-index

92	92	92	6694
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel CTRP8â€RXFP1â€JAK3â€STAT3 axis promotes Cdc42â€dependent actin remodeling for enhanced filopodia formation and motility in human glioblastoma cells. Molecular Oncology, 2022, 16, 368-387.	4.6	13
2	Wnt and PI3K/Akt/mTOR Survival Pathways as Therapeutic Targets in Glioblastoma. International Journal of Molecular Sciences, 2022, 23, 1353.	4.1	67
3	C1Qâ€TNFâ€related peptide 8 (CTRP8) in human prostate cancer. FASEB Journal, 2021, 35, .	0.5	0
4	Slow Off-Rate Modified Aptamer (SOMAmer) Proteomic Analysis of Patient-Derived Malignant Glioma Identifies Distinct Cellular Proteomes. International Journal of Molecular Sciences, 2021, 22, 9566.	4.1	6
5	Investigations on T cell transmigration in a human skin-on-chip (SoC) model. Lab on A Chip, 2021, 21, 1527-1539.	6.0	27
6	Simvastatin increases temozolomideâ€induced cell death by targeting the fusion of autophagosomes and lysosomes. FEBS Journal, 2020, 287, 1005-1034.	4.7	84
7	Zika Infection Disrupts Proteins Involved in the Neurosensory System. Frontiers in Cell and Developmental Biology, 2020, 8, 571.	3.7	7
8	Claudin 1 Is Highly Upregulated by PKC in MCF7 Human Breast Cancer Cells and Correlates Positively with PKCÎµ in Patient Biopsies. Translational Oncology, 2019, 12, 561-575.	3.7	16
9	Editorial to the mini-review series on relaxin, related peptides and receptors?. Molecular and Cellular Endocrinology, 2019, 487, 1.	3.2	0
10	Emerging roles for the relaxin/RXFP1 system in cancer therapy. Molecular and Cellular Endocrinology, 2019, 487, 85-93.	3.2	16
11	<scp>HMGA</scp>2 as a functional antagonist of <scp>PARP</scp>1 inhibitors in tumor cells. Molecular Oncology, 2019, 13, 153-170.	4.6	19
12	Autophagy modulates transforming growth factor beta 1 induced epithelial to mesenchymal transition in non-small cell lung cancer cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 749-768.	4.1	83
13	Simple, Hackable, Size-Selective, Amine-Functionalized Fe-Oxide Nanoparticles for Biomedical Applications. Langmuir, 2018, 34, 2748-2757.	3.5	11
14	Autophagy and the unfolded protein response promote profibrotic effects of TGF-Î²₁ in human lung fibroblasts. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L493-L504.	2.9	100
15	Glioblastoma and chemoresistance to alkylating agents: Involvement of apoptosis, autophagy, and unfolded protein response. , 2018, 184, 13-41.		230
16	A radial microfluidic platform for higher throughput chemotaxis studies with individual gradient control. Lab on A Chip, 2018, 18, 3855-3864.	6.0	34
17	Statins: A New Approach to Combat Temozolomide Chemoresistance in Glioblastoma. Journal of Investigative Medicine, 2018, 66, 1083-1087.	1.6	27
18	Maternal smoking and high BMI disrupt thyroid gland development. BMC Medicine, 2018, 16, 194.	5.5	21

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19	C1q/<scp>TNF</scp>â€related peptide 8 (<scp>CTRP</scp>8) promotes temozolomide resistance in human glioblastoma. Molecular Oncology, 2018, 12, 1464-1479.	4.6	17
20	Inhibitor of DNA Binding 2 Inhibits Epithelial-Mesenchymal Transition via Up-Regulation of Notch3 in Breast Cancer. Translational Oncology, 2018, 11, 1259-1270.	3.7	21
21	Inhibition of Autophagy by Mevalonate Pathway Inhibitors, a New Therapeutic Approach to sensitize Glioblastoma Cells to Temozolomide Induced Apoptosis. FASEB Journal, 2018, 32, 533.41.	0.5	2
22	New frontiers in the treatment of colorectal cancer: Autophagy and the unfolded protein response as promising targets. Autophagy, 2017, 13, 781-819.	9.1	117
23	Dovitinib enhances temozolomide efficacy in glioblastoma cells. Molecular Oncology, 2017, 11, 1078-1098.	4.6	21
24	Mevalonate Cascade Inhibition by Simvastatin Induces the Intrinsic Apoptosis Pathway via Depletion of Isoprenoids in Tumor Cells. Scientific Reports, 2017, 7, 44841.	3.3	105
25	Dynamics of three-dimensional telomere profiles of circulating tumor cells in patients with high-risk prostate cancer who are undergoing androgen deprivation and radiation therapies. Urologic Oncology: Seminars and Original Investigations, 2017, 35, 112.e1-112.e11.	1.6	6
26	C1q/TNF-related protein 6 (CTRP6) links obesity to adipose tissue inflammation and insulin resistance. Journal of Biological Chemistry, 2017, 292, 14836-14850.	3.4	67
27	Structural commonality of C1q TNFâ€related proteins and their potential to activate relaxin/insulinâ€like family peptide receptor 1 signalling pathways in cancer cells. British Journal of Pharmacology, 2017, 174, 1025-1033.	5.4	27
28	Characterization of GPCRs in extracellular vesicle (EV). Methods in Cell Biology, 2017, 142, 119-132.	1.1	13
29	Ubiquitin C-terminal hydrolase isozyme L1 is associated with shelterin complex at interstitial telomeric sites. Epigenetics and Chromatin, 2017, 10, 54.	3.9	6
30	Inhibition of autophagy inhibits the conversion of cardiac fibroblasts to cardiac myofibroblasts. Oncotarget, 2016, 7, 78516-78531.	1.8	52
31	A prospective cohort study to assess the role of FDG-PET in differentiating benign and malignant follicular neoplasms. Annals of Medicine and Surgery, 2016, 12, 27-31.	1.1	12
32	Pelota Regulates Epidermal Differentiation by Modulating BMP and PI3K/AKT SignalingÂPathways. Journal of Investigative Dermatology, 2016, 136, 1664-1671.	0.7	14
33	FDG-PET characteristics of HÃ¼rthle cell and follicular adenomas. Annals of Nuclear Medicine, 2016, 30, 506-509.	2.2	27
34	Photodynamic N-TiO2 Nanoparticle Treatment Induces Controlled ROS-mediated Autophagy and Terminal Differentiation of Leukemia Cells. Scientific Reports, 2016, 6, 34413.	3.3	88
35	Population-based analysis of breast cancer treatment by intrinsic sub-type in Manitoba, Canada. Cancer Epidemiology, 2016, 45, 82-90.	1.9	3
36	Biodistribution of negatively charged iron oxide nanoparticles (IONPs) in mice and enhanced brain delivery using lysophosphatidic acid (LPA). Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 1775-1784.	3.3	31

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37	Cancer stem cells, cancer-initiating cells and methods for their detection. Drug Discovery Today, 2016, 21, 836-842.	6.4	66
38	High Mobility Group A2 protects cancer cells against telomere dysfunction. Oncotarget, 2016, 7, 12761-12782.	1.8	16
39	RXFP1 is Targeted by Complement C1q Tumor Necrosis Factor-Related Factor 8 in Brain Cancer. Frontiers in Endocrinology, 2015, 6, 127.	3.5	16
40	Nuclear localized Akt enhances breast cancer stem-like cells through counter-regulation of p21^{Waf1/Cip1}and p27^{kip1}. Cell Cycle, 2015, 14, 2109-2120.	2.6	49
41	RAGE Mediates the Pro-Migratory Response of Extracellular S100A4 in Human Thyroid Cancer Cells. Thyroid, 2015, 25, 514-527.	4.5	28
42	Characterization of the dystrophinâ€“glycoprotein complex in airway smooth muscle: role of Î´-sarcoglycan in airway responsiveness. Canadian Journal of Physiology and Pharmacology, 2015, 93, 195-202.	1.4	9
43	Platinum (IV) coiled coil nanotubes selectively kill human glioblastoma cells. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 913-925.	3.3	17
44	Autophagy is a regulator of TGF-Î²1-induced fibrogenesis in primary human atrial myofibroblasts. Cell Death and Disease, 2015, 6, e1696-e1696.	6.3	166
45	Suppression of influenza A virus replication in human lung epithelial cells by noncytotoxic concentrations bafilomycin A1. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L270-L286.	2.9	77
46	PDK2-mediated alternative splicing switches Bnip3 from cell death to cell survival. Journal of Cell Biology, 2015, 210, 1101-1115.	5.2	31
47	Betacellulin transgenic mice develop urothelial hyperplasia and show sex-dependent reduction in urinary major urinary protein content. Experimental and Molecular Pathology, 2015, 99, 33-38.	2.1	2
48	Membrane potential differences and GABA_A receptor expression in hepatic tumor and non-tumor stem cells. Canadian Journal of Physiology and Pharmacology, 2014, 92, 85-91.	1.4	7
49	Mechanisms of Therapeutic Resistance in Cancer (Stem) Cells with Emphasis on Thyroid Cancer Cells. Frontiers in Endocrinology, 2014, 5, 37.	3.5	31
50	Three-Dimensional Telomere Dynamics in Follicular Thyroid Cancer. Thyroid, 2014, 24, 296-304.	4.5	8
51	Airway mesenchymal cell death by mevalonate cascade inhibition: Integration of autophagy, unfolded protein response and apoptosis focusing on Bcl2 family proteins. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 1259-1271.	4.1	70
52	Chaperoning HMGA2 Protein Protects Stalled Replication Forks in Stem and Cancer Cells. Cell Reports, 2014, 6, 684-697.	6.4	33
53	Human cathelicidin LL-37-derived peptide IG-19 confers protection in a murine model of collagen-induced arthritis. Molecular Immunology, 2014, 57, 86-92.	2.2	41
54	Prognostic Nomograms To Predict Oncological Outcome of Thyroid Cancers. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 4768-4775.	3.6	32

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55	C1qâ€tumour necrosis factorâ€related protein 8 (<scp>CTRP8</scp>) is a novel interaction partner of relaxin receptor <scp>RXFP1</scp> in human brain cancer cells. Journal of Pathology, 2013, 231, 466-479.	4.5	33
56	HMGA2 Inhibits Apoptosis through Interaction with ATR-CHK1 Signaling Complex in Human Cancer Cells. Neoplasia, 2013, 15, 263-IN13.	5.3	51
57	HMGA2 inhibits apoptosis through interaction with ATR/CHK1 signaling complex in human cancer cells. FASEB Journal, 2013, 27, 471.2.	0.5	0
58	Geranylgeranyl transferase 1 modulates autophagy and apoptosis in human airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L420-L428.	2.9	58
59	Autophagy regulates trans fatty acid-mediated apoptosis in primary cardiac myofibroblasts. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 2274-2286.	4.1	39
60	Transfatâ€mediated apoptosis is regulated by autophagy in primary cardiac myofibroblasts. FASEB Journal, 2012, 26, .	0.5	0
61	Relaxin Enhances the Collagenolytic Activity and In Vitro Invasiveness by Upregulating Matrix Metalloproteinases in Human Thyroid Carcinoma Cells. Molecular Cancer Research, 2011, 9, 673-687.	3.4	35
62	Mevalonate Cascade Regulation of Airway Mesenchymal Cell Autophagy and Apoptosis: A Dual Role for p53. PLoS ONE, 2011, 6, e16523.	2.5	81
63	Nuclear imaging in three dimensions: A unique tool in cancer research. Annals of Anatomy, 2010, 192, 292-301.	1.9	14
64	Statin-triggered cell death in primary human lung mesenchymal cells involves p53-PUMA and release of Smac and Omi but not cytochrome c. Biochimica Et Biophysica Acta - Molecular Cell Research, 2010, 1803, 452-467.	4.1	68
65	INSL3 has tumorâ€promoting activity in thyroid cancer. International Journal of Cancer, 2010, 127, 521-531.	5.1	34
66	S100A8/A9 induces autophagy and apoptosis via ROS-mediated cross-talk between mitochondria and lysosomes that involves BNIP3. Cell Research, 2010, 20, 314-331.	12.0	198
67	Î²-Dystroglycan binds caveolin-1 in smooth muscle: a functional role in caveolae distribution and Ca2+ release. Journal of Cell Science, 2010, 123, 3061-3070.	2.0	51
68	Suppression of relaxin receptor RXFP1 decreases prostate cancer growth and metastasis. Endocrine-Related Cancer, 2010, 17, 1021-1033.	3.1	63
69	Three-dimensional Nuclear Telomere Architecture Is Associated with Differential Time to Progression and Overall Survival in Glioblastoma Patients. Neoplasia, 2010, 12, 183-191.	5.3	46
70	HMGA2 exhibits dRP/AP site cleavage activity and protects cancer cells from DNA-damage-induced cytotoxicity during chemotherapy. Nucleic Acids Research, 2009, 37, 4371-4384.	14.5	73
71	Role of BNIP3 in TNF-induced cell death â€" TNF upregulates BNIP3 expression. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 546-560.	4.1	57
72	The Câ€terminal cytoplasmic domain of human proEGF is a negative modulator of body and organ weights in transgenic mice. FEBS Letters, 2009, 583, 1349-1357.	2.8	3

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73	EGF receptor inhibitors in the treatment of glioblastoma multiform: Old clinical allies and newly emerging therapeutic concepts. European Journal of Pharmacology, 2009, 625, 23-30.	3.5	25
74	Lysosomal Acid Hydrolases of the Cathepsin Family Are Novel Targets of INSL3 in Human Thyroid Carcinoma Cells. Annals of the New York Academy of Sciences, 2009, 1160, 361-366.	3.8	13
75	Fetalâ€"maternal exchange of multipotent stem/progenitor cells: microchimerism in diagnosis and disease. Trends in Molecular Medicine, 2009, 15, 510-518.	6.7	60
76	Thyroid Stem Cells and Cancer. Thyroid, 2009, 19, 1303-1315.	4.5	45
77	The role of 3D printing in teaching and education in human skeletal anatomy. FASEB Journal, 2009, 23, 479.1.	0.5	2
78	Brevininâ€2R¹ semiâ€selectively kills cancer cells by a distinct mechanism, which involves the lysosomalâ€mitochondrial death pathway. Journal of Cellular and Molecular Medicine, 2008, 12, 1005-1022.	3.6	151
79	The Cytoplasmic Domain of proEGF Negatively Regulates Motility and Elastinolytic Activity in Thyroid Carcinoma Cells. Neoplasia, 2008, 10, 1120-IN7.	5.3	16
80	Cancer stem cell markers in common cancers â€" therapeutic implications. Trends in Molecular Medicine, 2008, 14, 450-460.	6.7	353
81	Developmental Expression and Gene Regulation of Insulin-like 3 Receptor RXFP2 in Mouse Male Reproductive Organs1. Biology of Reproduction, 2007, 77, 671-680.	2.7	47
82	Relaxin-Like Ligand-Receptor Systems Are Autocrine/Paracrine Effectors in Tumor Cells and Modulate Cancer Progression and Tissue Invasiveness. Advances in Experimental Medicine and Biology, 2007, 612, 104-118.	1.6	32
83	Relaxin Enhances the Oncogenic Potential of Human Thyroid Carcinoma Cells. American Journal of Pathology, 2006, 169, 617-632.	3.8	62
84	The roe deer as a model for studying seasonal regulation of testis function. Journal of Developmental and Physical Disabilities, 2006, 29, 122-128.	3.6	33
85	INSL3 in the benign hyperplastic and neoplastic human prostate gland. International Journal of Oncology, 2005, 27, 307-15.	3.3	9
86	Molecular and genetic regulation of testis descent and external genitalia development. Developmental Biology, 2004, 270, 1-18.	2.0	174
87	Relaxin-like peptides in cancer. International Journal of Cancer, 2003, 107, 513-519.	5.1	84
88	INSL3 Ligand-Receptor System in the Equine Testis1. Biology of Reproduction, 2003, 68, 1975-1981.	2.7	30
89	Canine Relaxin-Like Factor: Unique Molecular Structure and Differential Expression Within Reproductive Tissues of the Dog. Biology of Reproduction, 2001, 64, 442-450.	2.7	30
90	Epidermal Growth Factor-Like Ligands and erbB Genes in the Peri-Implantation Rabbit Uterus and Blastocyst1. Biology of Reproduction, 2001, 64, 1835-1844.	2.7	31

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91	Relaxin-like factor (RLF) is differentially expressed in the normal and neoplastic human mammary gland. Cancer, 2000, 89, 2161-2168.	4.1	44