

Theo Mantamadiotis

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

3,885
citations

159585
30
h-index

128289
60
g-index

87
all docs

87
docs citations

87
times ranked

6175
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and isolation of slow-cycling glioma stem cells. <i>Methods in Cell Biology</i> , 2022, , 21-30.	1.1	2
2	Role of cell quiescence in glioblastoma cytotoxic resistance and strategies for therapeutic intervention. , 2021, , 319-334.		0
3	The Renin-Â€Angiotensin System in the Tumor Microenvironment of Glioblastoma. <i>Cancers</i> , 2021, 13, 4004.	3.7	11
4	IL-10 in glioma. <i>British Journal of Cancer</i> , 2021, 125, 1466-1476.	6.4	26
5	Toward precision immunotherapy using multiplex immunohistochemistry and in silico methods to define the tumor immune microenvironment. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 1811-1820.	4.2	11
6	The renin-angiotensin system in central nervous system tumors and degenerative diseases. <i>Frontiers in Bioscience</i> , 2021, 26, 628.	2.1	4
7	LSC - 2021 - cAMP response element-binding protein mediates immune-evasion of KRAS-mutant lung adenocarcinoma. , 2021, , .		0
8	Extracellular vesicles and their role in glioblastoma. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2020, 57, 227-252.	6.1	30
9	The Role of NK Cells and Innate Lymphoid Cells in Brain Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 1549.	4.8	43
10	Inhibition of Radiation and Temozolomide-Induced Glioblastoma Invadopodia Activity Using Ion Channel Drugs. <i>Cancers</i> , 2020, 12, 2888.	3.7	9
11	Therapeutic Targeting of Cancer Stem Cells in Human Glioblastoma by Manipulating the Renin-Angiotensin System. <i>Cells</i> , 2019, 8, 1364.	4.1	27
12	Understanding and exploiting cell signalling convergence nodes and pathway cross-talk in malignant brain cancer. <i>Cellular Signalling</i> , 2019, 57, 2-9.	3.6	10
13	Multilayered Heterogeneity of Glioblastoma Stem Cells: Biological and Clinical Significance. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1139, 1-21.	1.6	14
14	Cell quiescence correlates with enhanced glioblastoma cell invasion and cytotoxic resistance. <i>Experimental Cell Research</i> , 2019, 374, 353-364.	2.6	31
15	Circulating tumor stem cells and glioblastoma: A review. <i>Journal of Clinical Neuroscience</i> , 2019, 61, 5-9.	1.5	24
16	Tumour stem cells in schwannoma: A review. <i>Journal of Clinical Neuroscience</i> , 2019, 62, 21-26.	1.5	13
17	PI3K activation in neural stem cells drives tumorigenesis which can be ameliorated by targeting the cAMP response element binding protein. <i>Neuro-Oncology</i> , 2018, 20, 1344-1355.	1.2	23
18	Inhibition of Radiation and Temozolomide-Induced Invadopodia Activity in Glioma Cells Using FDA-Approved Drugs. <i>Translational Oncology</i> , 2018, 11, 1406-1418.	3.7	15

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19	Intratumor MAPK and PI3K signaling pathway heterogeneity in glioblastoma tissue correlates with CREB signaling and distinct target gene signatures. <i>Experimental and Molecular Pathology</i> , 2018, 105, 23-31.	2.1	21
20	PO-202 PI3K activation in neural stem cells drives tumourigenesis which can be ameliorated by targeting the cAMP response element binding (CREB) protein. <i>ESMO Open</i> , 2018, 3, A305-A306.	4.5	0
21	Investigating Neural Stem Cell and Glioma Stem Cell Self-renewal Potential Using Extreme Limiting Dilution Analysis (ELDA). <i>Bio-protocol</i> , 2018, 8, e2991.	0.4	7
22	<i>Grainyhead</i> 3 (<i>Grhl3</i>) deficiency in brain leads to altered locomotor activity and decreased anxiety-like behaviors in aged mice. <i>Developmental Neurobiology</i> , 2017, 77, 775-788.	3.0	15
23	Towards Targeting PI3K-Dependent Regulation of Gene Expression in Brain Cancer. <i>Cancers</i> , 2017, 9, 60.	3.7	24
24	Expression of CD133 and CD44 in glioblastoma stem cells correlates with cell proliferation, phenotype stability and intra-tumor heterogeneity. <i>PLoS ONE</i> , 2017, 12, e0172791.	2.5	109
25	Sensitivity of GBM cells to cAMP agonist-mediated apoptosis correlates with CD44 expression and agonist resistance with MAPK signaling. <i>Cell Death and Disease</i> , 2016, 7, e2494-e2494.	6.3	27
26	Creb1 regulates late stage mammalian lung development via respiratory epithelial and mesenchymal-independent mechanisms. <i>Scientific Reports</i> , 2016, 6, 25569.	3.3	10
27	Intestinal-specific activatable Myb initiates colon tumorigenesis in mice. <i>Oncogene</i> , 2016, 35, 2475-2484.	5.9	21
28	Coexpression analysis of CD133 and CD44 identifies Proneural and Mesenchymal subtypes of glioblastoma multiforme. <i>Oncotarget</i> , 2015, 6, 6267-6280.	1.8	75
29	Insights into the next generation of cancer stem cell research. <i>Frontiers in Bioscience - Landmark</i> , 2014, 19, 1015.	3.0	7
30	Selective CREB-dependent cyclin expression mediated by the PI3K and MAPK pathways supports glioma cell proliferation. <i>Oncogenesis</i> , 2014, 3, e108-e108.	4.9	82
31	The Myb-p300-CREB axis modulates intestine homeostasis, radiosensitivity and tumorigenesis. <i>Cell Death and Disease</i> , 2013, 4, e605-e605.	6.3	26
32	cAMP Response Element Binding Protein1 Is Essential for Activation of Steroyl Co-Enzyme A Desaturase 1 (Scd1) in Mouse Lung Type II Epithelial Cells. <i>PLoS ONE</i> , 2013, 8, e59763.	2.5	6
33	CREB Signaling in Neural Stem/Progenitor Cells: Implications for a Role in Brain Tumors. , 2012, , .		0
34	CREB signalling in neural stem/progenitor cells: Recent developments and the implications for brain tumour biology. <i>BioEssays</i> , 2012, 34, 293-300.	2.5	61
35	CREB1 and CREB-binding protein in striatal medium spiny neurons regulate behavioural responses to psychostimulants. <i>Psychopharmacology</i> , 2012, 219, 699-713.	3.1	21
36	An activating <i>Pik3ca</i> mutation coupled with <i>Pten</i> loss is sufficient to initiate ovarian tumorigenesis in mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 553-557.	8.2	174

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37	When Things Go Wrong - Diseases and Disorders of the Human Brain. , 2012, , .		4
38	Self-renewal mechanisms in neural cancer stem cells. Frontiers in Bioscience - Landmark, 2011, 16, 598.	3.0	12
39	cAMP Response Element Binding Protein Is Required for Differentiation of Respiratory Epithelium during Murine Development. PLoS ONE, 2011, 6, e17843.	2.5	26
40	Targeting CREB signalling in neurogenesis. Expert Opinion on Therapeutic Targets, 2010, 14, 869-879.	3.4	79
41	Deletion of CREB1 from the Dorsal Telencephalon Reduces Motivational Properties of Cocaine. Cerebral Cortex, 2010, 20, 941-952.	2.9	24
42	cAMP Response Element Binding Protein Is Required for Mouse Neural Progenitor Cell Survival and Expansion. Stem Cells, 2009, 27, 1347-1357.	3.2	76
43	Intestinal adenoma formation and MYC activation are regulated by cooperation between MYB and Wnt signaling. Cell Death and Differentiation, 2009, 16, 1530-1538.	11.2	40
44	Induction of T cell-mediated immunity using a c-Myb DNA vaccine in a mouse model of colon cancer. Cancer Immunology, Immunotherapy, 2008, 57, 1635-1645.	4.2	33
45	c-Myb Is Required for Neural Progenitor Cell Proliferation and Maintenance of the Neural Stem Cell Niche in Adult Brain. Stem Cells, 2008, 26, 173-181.	3.2	83
46	Defective Claudin-7 Regulation by Tcf-4 and Sox-9 Disrupts the Polarity and Increases the Tumorigenicity of Colorectal Cancer Cells. Cancer Research, 2008, 68, 4258-4268.	0.9	108
47	c-Myb is required for progenitor cell homeostasis in colonic crypts. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3829-3834.	7.1	102
48	Oncogenic Properties of HIV-Tat in Colorectal Cancer Cells. Current HIV Research, 2007, 5, 403-409.	0.5	16
49	CREB activity modulates neural cell proliferation, midbrainâ€”hindbrain organization and patterning in zebrafish. Developmental Biology, 2007, 307, 127-141.	2.0	55
50	Licensing regulators Geminin and Cdt1 identify progenitor cells of the mouse CNS in a specific phase of the cell cycle. Neuroscience, 2007, 147, 373-387.	2.3	38
51	Collagen loss and impaired wound healing is associated with c-Myb deficiency. Journal of Pathology, 2007, 211, 351-361.	4.5	59
52	WNT-Frizzled signalling and the many paths to neural development and adult brain homeostasis. Frontiers in Bioscience - Landmark, 2007, 12, 492.	3.0	51
53	Mutations in the MYB intron I regulatory sequence increase transcription in colon cancers. Genes Chromosomes and Cancer, 2006, 45, 1143-1154.	2.8	73
54	Hypothalamic 3â€™,5â€™-Cyclic Adenosine Monophosphate Response Element-Binding Protein Loss Causes Anterior Pituitary Hypoplasia and Dwarfism in Mice. Molecular Endocrinology, 2006, 20, 204-211.	3.7	15

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55	Colon Epithelial Cell Differentiation Is Inhibited by Constitutive c-Myb Expression or Mutant APC Plus Activated RAS. DNA and Cell Biology, 2005, 24, 21-29.	1.9	21
56	Expression of stress response protein glucose regulated protein-78 mediated by c-Myb. International Journal of Biochemistry and Cell Biology, 2005, 37, 1254-1268.	2.8	36
57	Modulation of Anxiety-Like Behavior and Morphine Dependence in CREB-Deficient Mice. Neuropsychopharmacology, 2004, 29, 1122-1133.	5.4	107
58	Colony-Stimulating Factor-1 Promotes Clonogenic Growth of Normal Murine Colonic Crypt Epithelial Cells In Vitro. Journal of Interferon and Cytokine Research, 2004, 24, 416-427.	1.2	31
59	CREB function is required for normal thymic cellularity and post-irradiation recovery. European Journal of Immunology, 2004, 34, 1961-1971.	2.9	21
60	c-myb Heterozygous mice are hypersensitive to 5-fluorouracil and ionizing radiation. Molecular Cancer Research, 2004, 2, 354-61.	3.4	6
61	C-Myb And Creb Function In Adult Neurogenesis. , 2004, , 389-397.		0
62	c- <i>myb</i> Heterozygous Mice Are Hypersensitive to 5-Fluorouracil and Ionizing Radiation. Molecular Cancer Research, 2004, 2, 354-361.	3.4	13
63	± Complementation in the Cre recombinase enzyme. Genesis, 2003, 37, 25-29.	1.6	42
64	Does cAMP Response Element-Binding Protein Have a Pivotal Role in Hippocampal Synaptic Plasticity and Hippocampus-Dependent Memory?. Journal of Neuroscience, 2003, 23, 6304-6314.	3.6	219
65	ERα-based double iCre fusion protein allows partial recombination in forebrain. Genesis, 2002, 34, 208-214.	1.6	81
66	Disruption of CREB function in brain leads to neurodegeneration. Nature Genetics, 2002, 31, 47-54.	21.4	657
67	A CamKII± iCre BAC allows brain-specific gene inactivation. Genesis, 2001, 31, 37-42.	1.6	260
68	Primary structure, chromosomal mapping, expression and transcriptional activity of murine hepatocyte nuclear factor 4l ³ . Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2000, 1490, 21-32.	2.4	33
69	Expression of Gastrin/CCK-B Receptors Does Not Lead to a Mitogenic Response to Gastrin in Two Colon Cell Lines. Journal of Surgical Research, 1999, 86, 108-115.	1.6	3
70	GENETIC DISSECTION OF GLUCOCORTICOID RECEPTOR FUNCTION. Biochemical Society Transactions, 1999, 27, A6-A6.	3.4	0
71	PCR-Based Strategy for Genotyping Mice and ES Cells Harboring LoxP Sites. BioTechniques, 1998, 25, 968-972.	1.8	17
72	Glycine-extended gastrin acts as an autocrine growth factor in a nontransformed colon cell line. Gastroenterology, 1997, 113, 1576-1588.	1.3	132

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73	Gastrin and gastrin receptor antagonists bind to both N- and C-terminal halves of the 78 kDa gastrin-binding protein. International Journal of Biochemistry and Cell Biology, 1996, 28, 1233-1240.	2.8	4
74	Expression of gastrin, gastrin/CCK-B and gastrin/CCK-C receptors in human colorectal carcinomas. Journal of Cancer Research and Clinical Oncology, 1995, 121, 661-666.	2.5	51
75	The Seventh Transmembrane Domain of Gastrin/CCK Receptors Contributes to Nonpeptide Antagonist Binding. Biochemical and Biophysical Research Communications, 1994, 201, 1382-1389.	2.1	28
76	Nucleotide sequence encoding a novel member of the hydratase/dehydrogenase family. Lipids and Lipid Metabolism, 1993, 1170, 211-215.	2.6	14
77	Structure-function studies of human interferons- β : Enhanced activity on human and murine cells. Antiviral Research, 1991, 15, 27-39.	4.1	27
78	The 60- to 90-kDa parietal cell autoantigen associated with autoimmune gastritis is a beta subunit of the gastric H ⁺ /K ⁺ -ATPase (proton pump).. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 6418-6422.	7.1	166
79	PCR cloning and sequence of gastrin mRNA from carcinoma cell lines. Biochemical and Biophysical Research Communications, 1990, 170, 691-697.	2.1	37
80	Molecular Genetic Approaches. , 0, , 027-036.		0