

Theo Mantamadiotis

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

3,885
citations

159525

30
h-index

128225

60
g-index

87
all docs

87
docs citations

87
times ranked

6175
citing authors

#	ARTICLE	IF	CITATIONS
1	Disruption of CREB function in brain leads to neurodegeneration. <i>Nature Genetics</i> , 2002, 31, 47-54.	9.4	657
2	A CamKII α iCre BAC allows brain-specific gene inactivation. <i>Genesis</i> , 2001, 31, 37-42.	0.8	260
3	Does cAMP Response Element-Binding Protein Have a Pivotal Role in Hippocampal Synaptic Plasticity and Hippocampus-Dependent Memory?. <i>Journal of Neuroscience</i> , 2003, 23, 6304-6314.	1.7	219
4	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.	3.9	174
5	The 60- to 90-kDa parietal cell autoantigen associated with autoimmune gastritis is a beta subunit of the gastric H ⁺ /K ⁺ -ATPase (proton pump).. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 6418-6422.	3.3	166
6	Glycine-extended gastrin acts as an autocrine growth factor in a nontransformed colon cell line. <i>Gastroenterology</i> , 1997, 113, 1576-1588.	0.6	132
7	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.	1.1	109
8	Defective Claudin-7 Regulation by Tcf-4 and Sox-9 Disrupts the Polarity and Increases the Tumorigenicity of Colorectal Cancer Cells. <i>Cancer Research</i> , 2008, 68, 4258-4268.	0.4	108
9	Modulation of Anxiety-Like Behavior and Morphine Dependence in CREB-Deficient Mice. <i>Neuropsychopharmacology</i> , 2004, 29, 1122-1133.	2.8	107
10	c-Myb is required for progenitor cell homeostasis in colonic crypts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3829-3834.	3.3	102
11	c-Myb Is Required for Neural Progenitor Cell Proliferation and Maintenance of the Neural Stem Cell Niche in Adult Brain. <i>Stem Cells</i> , 2008, 26, 173-181.	1.4	83
12	Selective CREB-dependent cyclin expression mediated by the PI3K and MAPK pathways supports glioma cell proliferation. <i>Oncogenesis</i> , 2014, 3, e108-e108.	2.1	82
13	ER-based double icre fusion protein allows partial recombination in forebrain. <i>Genesis</i> , 2002, 34, 208-214.	0.8	81
14	Targeting CREB signalling in neurogenesis. <i>Expert Opinion on Therapeutic Targets</i> , 2010, 14, 869-879.	1.5	79
15	cAMP Response Element Binding Protein Is Required for Mouse Neural Progenitor Cell Survival and Expansion. <i>Stem Cells</i> , 2009, 27, 1347-1357.	1.4	76
16	Coexpression analysis of CD133 and CD44 identifies Proneural and Mesenchymal subtypes of glioblastoma multiforme. <i>Oncotarget</i> , 2015, 6, 6267-6280.	0.8	75
17	Mutations in the MYB intron I regulatory sequence increase transcription in colon cancers. <i>Genes Chromosomes and Cancer</i> , 2006, 45, 1143-1154.	1.5	73
18	CREB signalling in neural stem/progenitor cells: Recent developments and the implications for brain tumour biology. <i>BioEssays</i> , 2012, 34, 293-300.	1.2	61

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19	Collagen loss and impaired wound healing is associated with c-Myb deficiency. <i>Journal of Pathology</i> , 2007, 211, 351-361.	2.1	59
20	CREB activity modulates neural cell proliferation, midbrain-hindbrain organization and patterning in zebrafish. <i>Developmental Biology</i> , 2007, 307, 127-141.	0.9	55
21	Expression of gastrin, gastrin/CCK-B and gastrin/CCK-C receptors in human colorectal carcinomas. <i>Journal of Cancer Research and Clinical Oncology</i> , 1995, 121, 661-666.	1.2	51
22	WNT-Frizzled signalling and the many paths to neural development and adult brain homeostasis. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 492.	3.0	51
23	The Role of NK Cells and Innate Lymphoid Cells in Brain Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 1549.	2.2	43
24	± Complementation in the Cre recombinase enzyme. <i>Genesis</i> , 2003, 37, 25-29.	0.8	42
25	Intestinal adenoma formation and MYC activation are regulated by cooperation between MYB and Wnt signaling. <i>Cell Death and Differentiation</i> , 2009, 16, 1530-1538.	5.0	40
26	Licensing regulators Geminin and Cdt1 identify progenitor cells of the mouse CNS in a specific phase of the cell cycle. <i>Neuroscience</i> , 2007, 147, 373-387.	1.1	38
27	PCR cloning and sequence of gastrin mRNA from carcinoma cell lines. <i>Biochemical and Biophysical Research Communications</i> , 1990, 170, 691-697.	1.0	37
28	Expression of stress response protein glucose regulated protein-78 mediated by c-Myb. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 1254-1268.	1.2	36
29	Primary structure, chromosomal mapping, expression and transcriptional activity of murine hepatocyte nuclear factor 4 β . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2000, 1490, 21-32.	2.4	33
30	Induction of T cell-mediated immunity using a c-Myb DNA vaccine in a mouse model of colon cancer. <i>Cancer Immunology, Immunotherapy</i> , 2008, 57, 1635-1645.	2.0	33
31	Colony-Stimulating Factor-1 Promotes Clonogenic Growth of Normal Murine Colonic Crypt Epithelial Cells In Vitro. <i>Journal of Interferon and Cytokine Research</i> , 2004, 24, 416-427.	0.5	31
32	Cell quiescence correlates with enhanced glioblastoma cell invasion and cytotoxic resistance. <i>Experimental Cell Research</i> , 2019, 374, 353-364.	1.2	31
33	Extracellular vesicles and their role in glioblastoma. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2020, 57, 227-252.	2.7	30
34	The Seventh Transmembrane Domain of Gastrin/CCK Receptors Contributes to Nonpeptide Antagonist Binding. <i>Biochemical and Biophysical Research Communications</i> , 1994, 201, 1382-1389.	1.0	28
35	Structure-function studies of human interferons- β : Enhanced activity on human and murine cells. <i>Antiviral Research</i> , 1991, 15, 27-39.	1.9	27
36	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.	2.7	27

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37	Therapeutic Targeting of Cancer Stem Cells in Human Glioblastoma by Manipulating the Renin-Angiotensin System. <i>Cells</i> , 2019, 8, 1364.	1.8	27
38	The Myb-p300-CREB axis modulates intestine homeostasis, radiosensitivity and tumorigenesis. <i>Cell Death and Disease</i> , 2013, 4, e605-e605.	2.7	26
39	IL-10 in glioma. <i>British Journal of Cancer</i> , 2021, 125, 1466-1476.	2.9	26
40	cAMP Response Element Binding Protein Is Required for Differentiation of Respiratory Epithelium during Murine Development. <i>PLoS ONE</i> , 2011, 6, e17843.	1.1	26
41	Deletion of CREB1 from the Dorsal Telencephalon Reduces Motivational Properties of Cocaine. <i>Cerebral Cortex</i> , 2010, 20, 941-952.	1.6	24
42	Towards Targeting PI3K-Dependent Regulation of Gene Expression in Brain Cancer. <i>Cancers</i> , 2017, 9, 60.	1.7	24
43	Circulating tumor stem cells and glioblastoma: A review. <i>Journal of Clinical Neuroscience</i> , 2019, 61, 5-9.	0.8	24
44	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.	0.6	23
45	CREB function is required for normal thymic cellularity and post-irradiation recovery. <i>European Journal of Immunology</i> , 2004, 34, 1961-1971.	1.6	21
46	Colon Epithelial Cell Differentiation Is Inhibited by Constitutive c-Myb Expression or Mutant APC Plus Activated RAS. <i>DNA and Cell Biology</i> , 2005, 24, 21-29.	0.9	21
47	CREB1 and CREB-binding protein in striatal medium spiny neurons regulate behavioural responses to psychostimulants. <i>Psychopharmacology</i> , 2012, 219, 699-713.	1.5	21
48	Intestinal-specific activatable Myb initiates colon tumorigenesis in mice. <i>Oncogene</i> , 2016, 35, 2475-2484.	2.6	21
49	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.	0.9	21
50	PCR-Based Strategy for Genotyping Mice and ES Cells Harboring LoxP Sites. <i>BioTechniques</i> , 1998, 25, 968-972.	0.8	17
51	Oncogenic Properties of HIV-Tat in Colorectal Cancer Cells. <i>Current HIV Research</i> , 2007, 5, 403-409.	0.2	16
52	Hypothalamic cAMP -Cyclic Adenosine Monophosphate Response Element-Binding Protein Loss Causes Anterior Pituitary Hypoplasia and Dwarfism in Mice. <i>Molecular Endocrinology</i> , 2006, 20, 204-211.	3.7	15
53	<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.	1.5	15
54	Inhibition of Radiation and Temozolomide-Induced Invadopodia Activity in Glioma Cells Using FDA-Approved Drugs. <i>Translational Oncology</i> , 2018, 11, 1406-1418.	1.7	15

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55	Nucleotide sequence encoding a novel member of the hydratase/dehydrogenase family. <i>Lipids and Lipid Metabolism</i> , 1993, 1170, 211-215.	2.6	14
56	Multilayered Heterogeneity of Glioblastoma Stem Cells: Biological and Clinical Significance. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1139, 1-21.	0.8	14
57	Tumour stem cells in schwannoma: A review. <i>Journal of Clinical Neuroscience</i> , 2019, 62, 21-26.	0.8	13
58	c- <i>myb</i> Heterozygous Mice Are Hypersensitive to 5-Fluorouracil and Ionizing Radiation. <i>Molecular Cancer Research</i> , 2004, 2, 354-361.	1.5	13
59	Self-renewal mechanisms in neural cancer stem cells. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 598.	3.0	12
60	The Renin-Angiotensin System in the Tumor Microenvironment of Glioblastoma. <i>Cancers</i> , 2021, 13, 4004.	1.7	11
61	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.	2.0	11
62	Creb1 regulates late stage mammalian lung development via respiratory epithelial and mesenchymal-independent mechanisms. <i>Scientific Reports</i> , 2016, 6, 25569.	1.6	10
63	Understanding and exploiting cell signalling convergence nodes and pathway cross-talk in malignant brain cancer. <i>Cellular Signalling</i> , 2019, 57, 2-9.	1.7	10
64	Inhibition of Radiation and Temozolomide-Induced Glioblastoma Invasiveness Activity Using Ion Channel Drugs. <i>Cancers</i> , 2020, 12, 2888.	1.7	9
65	Insights into the next generation of cancer stem cell research. <i>Frontiers in Bioscience - Landmark</i> , 2014, 19, 1015.	3.0	7
66	Investigating Neural Stem Cell and Glioma Stem Cell Self-renewal Potential Using Extreme Limiting Dilution Analysis (ELDA). <i>Bio-protocol</i> , 2018, 8, e2991.	0.2	7
67	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.	1.1	6
68	c- <i>myb</i> Heterozygous mice are hypersensitive to 5-fluorouracil and ionizing radiation. <i>Molecular Cancer Research</i> , 2004, 2, 354-61.	1.5	6
69	Gastrin and gastrin receptor antagonists bind to both N- and C-terminal halves of the 78 kDa gastrin-binding protein. <i>International Journal of Biochemistry and Cell Biology</i> , 1996, 28, 1233-1240.	1.2	4
70	The renin-angiotensin system in central nervous system tumors and degenerative diseases. <i>Frontiers in Bioscience</i> , 2021, 26, 628.	0.8	4
71	When Things Go Wrong - Diseases and Disorders of the Human Brain. , 2012, , .		4
72	Expression of Gastrin/CCK-B Receptors Does Not Lead to a Mitogenic Response to Gastrin in Two Colon Cell Lines. <i>Journal of Surgical Research</i> , 1999, 86, 108-115.	0.8	3

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73	Identification and isolation of slow-cycling glioma stem cells. <i>Methods in Cell Biology</i> , 2022, , 21-30.	0.5	2
74	GENETIC DISSECTION OF GLUCOCORTICOID RECEPTOR FUNCTION. <i>Biochemical Society Transactions</i> , 1999, 27, A6-A6.	1.6	0
75	CREB Signaling in Neural Stem/Progenitor Cells: Implications for a Role in Brain Tumors. , 2012, , .		0
76	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.	2.0	0
77	Role of cell quiescence in glioblastoma cytotoxic resistance and strategies for therapeutic intervention. , 2021, , 319-334.		0
78	LSC - 2021 - cAMP response element-binding protein mediates immune-evasion of KRAS-mutant lung adenocarcinoma. , 2021, , .		0
79	C-Myb And Creb Function In Adult Neurogenesis. , 2004, , 389-397.		0
80	Molecular Genetic Approaches. , 0, , 027-036.		0