Ander Matheu

List of Publications by Year
in descending order

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Version: 2024-02-01

74 papers	3,976 citations	147786 31 h-index	123420 61 g-index
76 all docs	76 docs citations	76 times ranked	7278 citing authors

#	Article	IF	Citations
1	Chaperone-Mediated Autophagy Controls Proteomic and Transcriptomic Pathways to Maintain Glioma Stem Cell Activity. Cancer Research, 2022, 82, 1283-1297.	0.9	12
2	SOX9 Triggers Different Epithelial to Mesenchymal Transition States to Promote Pancreatic Cancer Progression. Cancers, 2022, 14, 916.	3.7	6
3	High SOX9 Maintains Glioma Stem Cell Activity through a Regulatory Loop Involving STAT3 and PML. International Journal of Molecular Sciences, 2022, 23, 4511.	4.1	3
4	Intrinsic role of chaperone-mediated autophagy in cancer stem cell maintenance. Autophagy, 2022, 18, 3035-3036.	9.1	6
5	In vitro P38MAPK inhibition in aged astrocytes decreases reactive astrocytes, inflammation and increases nutritive capacity after oxygen-glucose deprivation. Aging, 2021, 13, 6346-6358.	3.1	6
6	Tumor-Derived Pericytes Driven by EGFR Mutations Govern the Vascular and Immune Microenvironment of Gliomas. Cancer Research, 2021, 81, 2142-2156.	0.9	20
7	Inflammaging markers characteristic of advanced age show similar levels with frailty and dependency. Scientific Reports, 2021, 11, 4358.	3.3	47
8	SOX2 is required independently in both stem and differentiated cells for pituitary tumorigenesis in p27 -null mice. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	13
9	CRISPR/Cas9 Deletion of SOX2 Regulatory Region 2 (SRR2) Decreases SOX2 Malignant Activity in Glioblastoma. Cancers, 2021, 13, 1574.	3.7	7
10	Centenarians as models of healthy aging: Example of REST. Ageing Research Reviews, 2021, 70, 101392.	10.9	8
11	Identification of a Dexamethasone Mediated Radioprotection Mechanism Reveals New Therapeutic Vulnerabilities in Glioblastoma. Cancers, 2021, 13, 361.	3.7	8
12	CD8⁺ T cells are increased in the subventricular zone with physiological and pathological aging. Aging Cell, 2020, 19, e13198.	6.7	16
13	Characterization of a new small-molecule inhibitor of HDAC6 in glioblastoma. Cell Death and Disease, 2020, 11, 417.	6.3	34
14	SOX9 promotes tumor progression through the axis BMI1-p21CIP. Scientific Reports, 2020, 10, 357.	3.3	27
15	Erbb4 Is Required for Cerebellar Development and Malignant Phenotype of Medulloblastoma. Cancers, 2020, 12, 997.	3.7	3
16	Impact of Chaperone-Mediated Autophagy in Brain Aging: Neurodegenerative Diseases and Glioblastoma. Frontiers in Aging Neuroscience, 2020, 12, 630743.	3.4	19
17	Elevated p38MAPK activity promotes neural stem cell aging. Aging, 2020, 12, 6030-6036.	3.1	8
18	CD8 T cells are present at low levels in the white matter with physiological and pathological aging. Aging, 2020, 12, 18928-18941.	3.1	0

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19	CD8⁺ T cells are present at low levels in the white matter with physiological and pathological aging. Aging, 2020, 12, 18928-18941.	3.1	6
20	Centenarians Overexpress Pluripotency-Related Genes. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1391-1395.	3.6	11
21	Liquid Biopsy in Glioblastoma: Opportunities, Applications and Challenges. Cancers, 2019, 11, 950.	3.7	73
22	Neuronal p38Î± mediates ageâ€associated neural stem cell exhaustion and cognitive decline. Aging Cell, 2019, 18, e13044.	6.7	16
23	Ischemic stroke in neonatal and adult astrocytes. Mechanisms of Ageing and Development, 2019, 183, 111147.	4.6	30
24	Primary cilium and brain aging: role in neural stem cells, neurodegenerative diseases and glioblastoma. Ageing Research Reviews, 2019, 52, 53-63.	10.9	24
25	SIX1 represses senescence and promotes SOX2-mediated cellular plasticity during tumorigenesis. Scientific Reports, 2019, 9, 1412.	3.3	14
26	SOX3 can promote the malignant behavior of glioblastoma cells. Cellular Oncology (Dordrecht), 2019, 42, 41-54.	4.4	27
27	Therapeutic relevance of SOX9 stem cell factor in gastric cancer. Expert Opinion on Therapeutic Targets, 2019, 23, 143-152.	3.4	12
28	SOX2 expression diminishes with ageing in several tissues in mice and humans. Mechanisms of Ageing and Development, 2019, 177, 30-36.	4.6	25
29	T cells and immune functions of plasma extracellular vesicles are differentially modulated from adults to centenarians. Aging, 2019, 11, 10723-10741.	3.1	12
30	Primary cilium and glioblastoma. Therapeutic Advances in Medical Oncology, 2018, 10, 175883591880116.	3.2	23
31	Towards precision medicine: linking genetic and cellular heterogeneity in gastric cancer. Therapeutic Advances in Medical Oncology, 2018, 10, 175883591879462.	3.2	15
32	Integrin Î±7: a novel promising target in glioblastoma stem cells. Stem Cell Investigation, 2018, 5, 2-2.	3.0	8
33	Targeting mTOR as a Therapeutic Approach in Medulloblastoma. International Journal of Molecular Sciences, 2018, 19, 1838.	4.1	13
34	PR-LncRNA signature regulates glioma cell activity through expression of SOX factors. Scientific Reports, 2018, 8, 12746.	3.3	13
35	SOX2 haploinsufficiency promotes impaired vision at advanced age. Oncotarget, 2018, 9, 36684-36692.	1.8	2
36	Increased Arf/p53 activity in stem cells, aging and cancer. Aging Cell, 2017, 16, 219-225.	6.7	38

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37	SOX17 regulates cholangiocyte differentiation and acts as a tumor suppressor in cholangiocarcinoma. Journal of Hepatology, 2017, 67, 72-83.	3.7	81
38	Oncogenic activity of SOX1 in glioblastoma. Scientific Reports, 2017, 7, 46575.	3.3	27
39	Neuronal p38Î± mediates synaptic and cognitive dysfunction in an Alzheimerâ€™s mouse model by controlling Î²-amyloid production. Scientific Reports, 2017, 7, 45306.	3.3	38
40	Autophagy in stem cell aging. Aging Cell, 2017, 16, 912-915.	6.7	103
41	Helicobacter pylori infection modulates the expression of miRNAs associated with DNA mismatch repair pathway. Molecular Carcinogenesis, 2017, 56, 1372-1379.	2.7	37
42	High expression of MKP1/DUSP1 counteracts glioma stem cell activity and mediates HDAC inhibitor response. Oncogenesis, 2017, 6, 401.	4.9	22
43	Impact of Stem Cell Genes in Gastric Cancer. , 2017, , .		0
44	Inflammaging and Frailty Status Do Not Result in an Increased Extracellular Vesicle Concentration in Circulation. International Journal of Molecular Sciences, 2016, 17, 1168.	4.1	22
45	Human exceptional longevity: transcriptome from centenarians is distinct from septuagenarians and reveals a role of Bcl-xL in successful aging. Aging, 2016, 8, 3185-3208.	3.1	39
46	Targeting SOX2 as a Therapeutic Strategy in Glioblastoma. Frontiers in Oncology, 2016, 6, 222.	2.8	89
47	Stratification and therapeutic potential of PML in metastatic breast cancer. Nature Communications, 2016, 7, 12595.	12.8	45
48	Identification and Characterization of the Dermal Panniculus Carnosus Muscle Stem Cells. Stem Cell Reports, 2016, 7, 411-424.	4.8	30
49	SOX9 Elevation Acts with Canonical WNT Signaling to Drive Gastric Cancer Progression. Cancer Research, 2016, 76, 6735-6746.	0.9	115
50	SOX9-regulated cell plasticity in colorectal metastasis is attenuated by rapamycin. Scientific Reports, 2016, 6, 32350.	3.3	39
51	mTOR inhibition decreases SOX2-SOX9 mediated glioma stem cell activity and temozolomide resistance. Expert Opinion on Therapeutic Targets, 2016, 20, 393-405.	3.4	111
52	Paradoxical role of SOX2 in gastric cancer. American Journal of Cancer Research, 2016, 6, 701-13.	1.4	24
53	Increased gene dosage ofInk4/Arfandp53delays age-associated central nervous system functional decline. Aging Cell, 2015, 14, 710-714.	6.7	34
54	Stem Cells in Translational Cancer Research. Stem Cells International, 2015, 2015, 1-2.	2.5	0

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55	Therapeutic targeting of replicative immortality. Seminars in Cancer Biology, 2015, 35, S104-S128.	9.6	49
56	Neural-Competent Cells of Adult Human Dermis Belong to the Schwann Lineage. Stem Cell Reports, 2014, 3, 774-788.	4.8	39
57	Genome-wide analysis of the human p53 transcriptional network unveils a lncRNA tumour suppressor signature. Nature Communications, 2014, 5, 5812.	12.8	172
58	A small noncoding RNA signature found in exosomes of GBM patient serum as a diagnostic tool. Neuro-Oncology, 2014, 16, 520-527.	1.2	298
59	Role of SOX family of transcription factors in central nervous system tumors. American Journal of Cancer Research, 2014, 4, 312-24.	1.4	42
60	Therapeutic Strategies Targeting Glioblastoma Stem Cells. Recent Patents on Anti-Cancer Drug Discovery, 2013, 8, 216-227.	1.6	18
61	Novel Transcriptional Targets of the SRY-HMG Box Transcription Factor SOX4 Link Its Expression to the Development of Small Cell Lung Cancer. Cancer Research, 2012, 72, 176-186.	0.9	73
62	Betacellulin promotes cell proliferation in the neural stem cell niche and stimulates neurogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1317-1322.	7.1	118
63	p27Kip1 Directly Represses Sox2 during Embryonic Stem Cell Differentiation. Cell Stem Cell, 2012, 11, 845-852.	11.1	134
64	Oncogenicity of the Developmental Transcription Factor Sox9. Cancer Research, 2012, 72, 1301-1315.	0.9	180
65	Reciprocal Repression between Sox3 and Snail Transcription Factors Defines Embryonic Territories at Gastrulation. Developmental Cell, 2011, 21, 546-558.	7.0	89
66	Antiâ€aging activity of the Ink4/Arf locus. Aging Cell, 2009, 8, 152-161.	6.7	92
67	Telomerase Reverse Transcriptase Delays Aging in Cancer-Resistant Mice. Cell, 2008, 135, 609-622.	28.9	396
68	The Arf/p53 Pathway in Cancer and Aging. Cancer Research, 2008, 68, 6031-6034.	0.9	121
69	Delayed ageing through damage protection by the Arf/p53 pathway. Nature, 2007, 448, 375-379.	27.8	439
70	Antiviral action of the tumor suppressor ARF. EMBO Journal, 2006, 25, 4284-4292.	7.8	43
71	Specific Contribution of p19ARF to Nitric Oxide-Dependent Apoptosis. Journal of Immunology, 2006, 177, 3327-3336.	0.8	42
72	A strategy to study tyrosinase transgenes in mouse melanocytes. BMC Cell Biology, 2005, 6, 18.	3.0	14

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73	Regulation of the INK4a/ARF Locus by Histone Deacetylase Inhibitors. Journal of Biological Chemistry, 2005, 280, 42433-42441.	3.4	32
74	Increased gene dosage of Ink4a/Arf results in cancer resistance and normal aging. Genes and Development, 2004, 18, 2736-2746.	5.9	123