Athanassios Vassilopoulos

List of Publications by Year
in descending order

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32	4,836	279798	477307
papers	citations	23 h-index	29 g-index

32	32	32	6931
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synergistic PIM kinase and proteasome inhibition as a therapeutic strategy for MYC-overexpressing triple-negative breast cancer. Cell Chemical Biology, 2022, 29, 358-372.e5.	5.2	10
2	Editorial: Sirtuinome Rewiring to Hijack Cancer Cell Behavior and Hamper Resistance to Anticancer Intervention. Frontiers in Oncology, 2020, 10, 1242.	2.8	0
3	Context-Dependent Roles for SIRT2 and SIRT3 in Tumor Development Upon Calorie Restriction or High Fat Diet. Frontiers in Oncology, 2020, 9, 1462.	2.8	11
4	Sirtuin 2â€“mediated deacetylation of cyclin-dependent kinase 9 promotes STAT1 signaling in type I interferon responses. Journal of Biological Chemistry, 2019, 294, 827-837.	3.4	24
5	Altered mitochondrial acetylation profiles in a kainic acid model of temporal lobe epilepsy. Free Radical Biology and Medicine, 2018, 123, 116-124.	2.9	37
6	Mammalian Sirtuins, Cellular Energy Regulation, and Metabolism, and Carcinogenesis. , 2018, , 141-154.		0
7	NQO1 regulates mitotic progression and response to mitotic stress through modulating SIRT2 activity. Free Radical Biology and Medicine, 2018, 126, 358-371.	2.9	12
8	Sirtuins at the crossroads of stemness, aging, and cancer. Aging Cell, 2017, 16, 1208-1218.	6.7	157
9	Sirtuin 2 regulates cellular iron homeostasis via deacetylation of transcription factor NRF2. Journal of Clinical Investigation, 2017, 127, 1505-1516.	8.2	101
10	SIRT2-Mediated Deacetylation and Tetramerization of Pyruvate Kinase Directs Glycolysis and Tumor Growth. Cancer Research, 2016, 76, 3802-3812.	0.9	92
11	Deacetylation Assays to Unravel the Interplay between Sirtuins (SIRT2) and Specific Protein-substrates. Journal of Visualized Experiments, 2016, , 53563.	0.3	1
12	SIRT2 deletion enhances KRAS-induced tumorigenesis in vivo by regulating K147 acetylation status. Oncotarget, 2016, 7, 80336-80349.	1.8	35
13	SIRT3 and SIRT4 are mitochondrial tumor suppressor proteins that connect mitochondrial metabolism and carcinogenesis. Cancer & Metabolism, 2014, 2, 15.	5.0	63
14	Synergistic Therapeutic Effect of Cisplatin and Phosphatidylinositol 3-Kinase (PI3K) Inhibitors in Cancer Growth and Metastasis of Brca1 Mutant Tumors. Journal of Biological Chemistry, 2014, 289, 24202-24214.	3.4	21
15	Regulation of MnSOD Enzymatic Activity by Sirt3 Connects the Mitochondrial Acetylome Signaling Networks to Aging and Carcinogenesis. Antioxidants and Redox Signaling, 2014, 20, 1646-1654.	5.4	148
16	SIRT3 Deacetylates ATP Synthase F₁ Complex Proteins in Response to Nutrient- and Exercise-Induced Stress. Antioxidants and Redox Signaling, 2014, 21, 551-564.	5.4	159
17	SIRT3 deacetylates and increases pyruvate dehydrogenase activity in cancer cells. Free Radical Biology and Medicine, 2014, 76, 163-172.	2.9	156
18	SIRT2 directs the replication stress response through CDK9 deacetylation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13546-13551.	7.1	87

#	Article	IF	Citations
19	Bioenergetic and autophagic control by Sirt3Âin response to nutrient deprivation in mouse embryonic fibroblasts. Biochemical Journal, 2013, 454, 249-257.	3.7	64
20	Metabolic regulation of Sirtuins upon fasting and the implication for cancer. Current Opinion in Oncology, 2013, 25, 630-636.	2.4	30
21	Exploring the electrostatic repulsion model in the role of Sirt3 in directing MnSOD acetylation status and enzymatic activity. Free Radical Biology and Medicine, 2012, 53, 828-833.	2.9	52
22	SIRT2 is a tumor suppressor that connects aging, acetylome, cell cycle signaling, and carcinogenesis. Translational Cancer Research, 2012, 1, 15-21.	1.0	73
23	The human sirtuin family: Evolutionary divergences and functions. Human Genomics, 2011, 5, 485.	2.9	148
24	SIRT2 Maintains Genome Integrity and Suppresses Tumorigenesis through Regulating APC/C Activity. Cancer Cell, 2011, 20, 487-499.	16.8	460
25	SIRT3 Is a Mitochondria-Localized Tumor Suppressor Required for Maintenance of Mitochondrial Integrity and Metabolism during Stress. Cancer Cell, 2010, 17, 41-52.	16.8	705
26	BRCA1 affects global DNA methylation through regulation of DNMT1. Cell Research, 2010, 20, 1201-1215.	12.0	92
27	Crosstalk between the DNA damage response, histone modifications and neovascularisation. International Journal of Biochemistry and Cell Biology, 2010, 42, 193-197.	2.8	12
28	Hepatic-Specific Disruption of SIRT6 in Mice Results in Fatty Liver Formation Due to Enhanced Glycolysis and Triglyceride Synthesis. Cell Metabolism, 2010, 12, 224-236.	16.2	433
29	Histone H2AX is integral to hypoxia-driven neovascularization. Nature Medicine, 2009, 15, 553-558.	30.7	120
30	Interplay among BRCA1, SIRT1, and Survivin during BRCA1-Associated Tumorigenesis. Molecular Cell, 2008, 32, 11-20.	9.7	334
31	A role for the mitochondrial deacetylase Sirt3 in regulating energy homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14447-14452.	7.1	1,136
32	Identification and characterization of cancer initiating cells from BRCA1 related mammary tumors using markers for normal mammary stem cells. International Journal of Biological Sciences, 2008, 4, 133-142.	6.4	63