

# Nagi G Ayad

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,500  
citations

361413

20  
h-index

434195

31  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2568  
citing authors

#	ARTICLE	IF	CITATIONS
1	Serum long noncoding RNA HOTAIR as a novel diagnostic and prognostic biomarker in glioblastoma multiforme. <i>Molecular Cancer</i> , 2018, 17, 74.	19.2	213
2	The Bromodomain protein BRD4 controls HOTAIR, a long noncoding RNA essential for glioblastoma proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8326-8331.	7.1	186
3	Tome-1, a Trigger of Mitotic Entry, Is Degraded during G1 via the APC. <i>Cell</i> , 2003, 113, 101-113.	28.9	164
4	BET bromodomain proteins are required for glioblastoma cell proliferation. <i>Epigenetics</i> , 2014, 9, 611-620.	2.7	123
5	The BET Bromodomain Inhibitor I-BET151 Acts Downstream of Smoothed Protein to Abrogate the Growth of Hedgehog Protein-driven Cancers. <i>Journal of Biological Chemistry</i> , 2014, 289, 35494-35502.	3.4	102
6	Drug and disease signature integration identifies synergistic combinations in glioblastoma. <i>Nature Communications</i> , 2018, 9, 5315.	12.8	78
7	Drug Repositioning in Glioblastoma: A Pathway Perspective. <i>Frontiers in Pharmacology</i> , 2018, 9, 218.	3.5	78
8	Large-Scale Computational Screening Identifies First in Class Multitarget Inhibitor of EGFR Kinase and BRD4. <i>Scientific Reports</i> , 2015, 5, 16924.	3.3	55
9	Epigenetic pathways and glioblastoma treatment. <i>Epigenetics</i> , 2013, 8, 785-795.	2.7	54
10	Redundant Ubiquitin Ligase Activities Regulate Wee1 Degradation and Mitotic Entry. <i>Cell Cycle</i> , 2007, 6, 2795-2799.	2.6	40
11	Bromodomain and extraterminal domain-containing protein inhibition attenuates acute inflammation after spinal cord injury. <i>Experimental Neurology</i> , 2018, 309, 181-192.	4.1	40
12	Time series modeling of cell cycle exit identifies Brd4 dependent regulation of cerebellar neurogenesis. <i>Nature Communications</i> , 2019, 10, 3028.	12.8	33
13	Identification of a Novel Class of BRD4 Inhibitors by Computational Screening and Binding Simulations. <i>ACS Omega</i> , 2017, 2, 4760-4771.	3.5	32
14	The Anaphase Promoting Complex Induces Substrate Degradation during Neuronal Differentiation. <i>Journal of Biological Chemistry</i> , 2009, 284, 4317-4323.	3.4	31
15	Organoid Models of Glioblastoma and Their Role in Drug Discovery. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 605255.	3.7	31
16	Casein Kinase 1 $\gamma$ Is an APC/CCdh1 Substrate that Regulates Cerebellar Granule Cell Neurogenesis. <i>Cell Reports</i> , 2015, 11, 249-260.	6.4	30
17	Neuroinflammation Treatment via Targeted Delivery of Nanoparticles. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 576037.	3.7	27
18	Prenatal arsenic exposure alters the placental expression of multiple epigenetic regulators in a sex-dependent manner. <i>Environmental Health</i> , 2019, 18, 18.	4.0	25

#	ARTICLE	IF	CITATIONS
19	Identification of Ubiquitin Ligase Substrates by In Vitro Expression Cloning. <i>Methods in Enzymology</i> , 2005, 399, 404-414.	1.0	23
20	Casein Kinase 1 $\gamma$ -dependent Wee1 Protein Degradation. <i>Journal of Biological Chemistry</i> , 2014, 289, 18893-18903.	3.4	22
21	Sustainable data and metadata management at the BD2K-LINCS Data Coordination and Integration Center. <i>Scientific Data</i> , 2018, 5, 180117.	5.3	22
22	Activation Domain-dependent Degradation of Somatic Wee1 Kinase. <i>Journal of Biological Chemistry</i> , 2010, 285, 6761-6769.	3.4	16
23	Identifying Glioblastoma Gene Networks Based on Hypergeometric Test Analysis. <i>PLoS ONE</i> , 2014, 9, e115842.	2.5	15
24	Epigenetic pathways and plasticity in brain tumors. <i>Neurobiology of Disease</i> , 2020, 145, 105060.	4.4	15
25	The novel BET inhibitor UM-002 reduces glioblastoma cell proliferation and invasion. <i>Scientific Reports</i> , 2021, 11, 23370.	3.3	14
26	Immunotherapy and Epigenetic Pathway Modulation in Glioblastoma Multiforme. <i>Frontiers in Oncology</i> , 2018, 8, 521.	2.8	13
27	GSK3 inhibitors stabilize Wee1 and reduce cerebellar granule cell progenitor proliferation. <i>Cell Cycle</i> , 2015, 14, 417-424.	2.6	8
28	Bromodomain Protein BRD4 Is Essential for Hair Cell Function and Survival. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 576654.	3.7	5
29	Casein kinase signaling in axon regeneration. <i>Neural Regeneration Research</i> , 2016, 11, 210.	3.0	2
30	BET protein inhibition promotes non-myeloid cell mediated neuroprotection after rodent spinal cord contusion. <i>Experimental Neurology</i> , 2022, 352, 114035.	4.1	2
31	Screening of cell cycle fusion proteins to identify kinase signaling networks. <i>Cell Cycle</i> , 2015, 14, 1274-1281.	2.6	1
32	A cell based screening approach for identifying protein degradation regulators. <i>Cell Cycle</i> , 2017, 16, 940-946.	2.6	0
33	Kinome-Wide Activity Classification of Small Molecules by Deep Learning. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
34	The APC/C and CK1 in the developing brain. <i>Oncotarget</i> , 2015, 6, 16792-16793.	1.8	0
35	A multiparametric pharmacogenomic strategy for drug repositioning predicts therapeutic efficacy for glioblastoma cell lines. <i>Neuro-Oncology Advances</i> , 2022, 4, vdab192.	0.7	0