

# Luigi Bagella

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

2,379  
citations

201575

27  
h-index

206029

48  
g-index

57  
all docs

57  
docs citations

57  
times ranked

3131  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological Characterization of Two Novel Cathelicidin-derived Peptides and Identification of Structural Requirements for Their Antimicrobial and Cell Lytic Activities. <i>Journal of Biological Chemistry</i> , 1996, 271, 28375-28381.	1.6	236
2	Activation and function of cyclin D-Cdk9 (positive transcription elongation factor-b) in cardiac muscle-cell hypertrophy. <i>Nature Medicine</i> , 2002, 8, 1310-1317.	15.2	226
3	The retinoblastoma gene family pRb/p105, p107, pRb2/p130 and simian virus-40 large T-antigen in human mesotheliomas. <i>Nature Medicine</i> , 1997, 3, 913-916.	15.2	194
4	From G0 to S phase: A view of the roles played by the retinoblastoma (Rb) family members in the Rb-E2F pathway. <i>Journal of Cellular Biochemistry</i> , 2007, 102, 1400-1404.	1.2	133
5	Activation of MyoD-dependent transcription by cdk9/cyclin T2. <i>Oncogene</i> , 2002, 21, 4137-4148.	2.6	106
6	cDNA sequences of three sheep myeloid cathelicidins. <i>FEBS Letters</i> , 1995, 376, 225-228.	1.3	98
7	Histone Deacetylase Inhibitors in the Treatment of Hematological Malignancies and Solid Tumors. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-12.	3.0	82
8	A Unique Domain of pRb2/p130 Acts as an Inhibitor of Cdk2 Kinase Activity. <i>Journal of Biological Chemistry</i> , 1997, 272, 20971-20974.	1.6	72
9	Ezh2 reduces the ability of HDAC1-dependent pRb2/p130 transcriptional repression of cyclin A. <i>Oncogene</i> , 2004, 23, 4930-4937.	2.6	72
10	Importance of Ezh2 polycomb protein in tumorigenesis process interfering with the pathway of growth suppressive key elements. <i>Journal of Cellular Physiology</i> , 2008, 214, 295-300.	2.0	72
11	Physical interaction between pRb and cdk9/cyclinT2 complex. <i>Oncogene</i> , 2002, 21, 4158-4165.	2.6	66
12	Retinoblastoma tumor-suppressor protein phosphorylation and inactivation depend on direct interaction with Pin1. <i>Cell Death and Differentiation</i> , 2012, 19, 1152-1161.	5.0	64
13	Cloning of murine CDK9/PITALRE and its tissue-specific expression in development. <i>Journal of Cellular Physiology</i> , 1998, 177, 206-213.	2.0	55
14	CDK9/CYCLIN T1 expression during normal lymphoid differentiation and malignant transformation. <i>Journal of Pathology</i> , 2004, 203, 946-952.	2.1	54
15	MyoD recruits the cdk9/cyclin T2 complex on Myogenic-genes regulatory regions. <i>Journal of Cellular Physiology</i> , 2006, 206, 807-813.	2.0	51
16	Frequent Loss of pRb2/p130 in Human Ovarian Carcinoma. <i>Clinical Cancer Research</i> , 2004, 10, 3098-3103.	3.2	50
17	The ablation of EZH2 uncovers its crucial role in rhabdomyosarcoma formation. <i>Cell Cycle</i> , 2012, 11, 3828-3836.	1.3	47
18	The BRG1 ATPase of chromatin remodeling complexes is involved in modulation of mesenchymal stem cell senescence through Rb-P53 pathways. <i>Oncogene</i> , 2010, 29, 5452-5463.	2.6	45

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19	Physical interaction between CDK9 and B-Myb results in suppression of B-Myb gene autoregulation. <i>Oncogene</i> , 2000, 19, 373-379.	2.6	43
20	CTCF and BORIS Regulate <i>Rb2/p130</i> Gene Transcription: A Novel Mechanism and a New Paradigm for Understanding the Biology of Lung Cancer. <i>Molecular Cancer Research</i> , 2011, 9, 225-233.	1.5	39
21	A small molecule based on the pRb2/p130 spacer domain leads to inhibition of cdk2 activity, cell cycle arrest and tumor growth reduction in vivo. <i>Oncogene</i> , 2007, 26, 1829-1839.	2.6	38
22	Anti-senescence efficacy of radio-electric asymmetric conveyor technology. <i>Age</i> , 2014, 36, 9-20.	3.0	36
23	Hyaluronan Esters Drive Smad Gene Expression and Signaling Enhancing Cardiogenesis in Mouse Embryonic and Human Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2010, 5, e15151.	1.1	36
24	Deacetylase recruitment by the C/H3 domain of the acetyltransferase p300. <i>Oncogene</i> , 2004, 23, 2177-2187.	2.6	33
25	Amniotic fluid stem cells morph into a cardiovascular lineage: analysis of a chemically induced cardiac and vascular commitment. <i>Drug Design, Development and Therapy</i> , 2013, 7, 1063.	2.0	31
26	Roles of enhancer of zeste homolog 2: From skeletal muscle differentiation to rhabdomyosarcoma carcinogenesis. <i>Cell Cycle</i> , 2014, 13, 516-527.	1.3	31
27	Synthesis and Antineoplastic Evaluation of Novel Unsymmetrical 1,3,4-Oxadiazoles. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 10451-10469.	2.9	31
28	BET-Inhibitor I-BET762 and PARP-Inhibitor Talazoparib Synergy in Small Cell Lung Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9595.	1.8	25
29	Identification of murine cdk10: Association with Ets2 transcription factor and effects on the cell cycle. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 978-985.	1.2	23
30	Targeting Enhancer of Zeste Homolog 2 as a promising strategy for cancer treatment. <i>World Journal of Clinical Oncology</i> , 2016, 7, 135.	0.9	23
31	Sputum analysis: Non-invasive early lung cancer detection. <i>Journal of Cellular Physiology</i> , 2013, 228, 945-951.	2.0	21
32	The role of enhancer of zeste homolog 2: From viral epigenetics to the carcinogenesis of hepatocellular carcinoma. <i>Journal of Cellular Physiology</i> , 2018, 233, 6508-6517.	2.0	19
33	Cdk9 <sup>Δ55</sup> : A new player in muscle regeneration. <i>Journal of Cellular Physiology</i> , 2008, 216, 576-582.	2.0	18
34	Cytometry and DNA ploidy: Clinical uses and molecular perspective in gastric and lung cancer. <i>Journal of Cellular Physiology</i> , 2010, 222, 532-539.	2.0	15
35	Synthesis and Cytotoxicity of Novel Hexahydrothienocycloheptapyridazinone Derivatives. <i>Molecules</i> , 2009, 14, 3494-3508.	1.7	15
36	Antiproliferative and proapoptotic effects of <i>Inula viscosa</i> extract on Burkitt lymphoma cell line. <i>Tumor Biology</i> , 2020, 42, 101042831990106.	0.8	15

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37	Tumor suppressor pRb2/p130 gene and its derived product Spa310 spacer domain as perspective candidates for cancer therapy. <i>Journal of Cellular Physiology</i> , 2007, 213, 403-406.	2.0	14
38	Interaction Between the Cdk2/Cyclin A Complex and a Small Molecule Derived from the pRb2/p130 Spacer Domain: A Theoretical Model. <i>Cell Cycle</i> , 2007, 6, 2591-2593.	1.3	13
39	R-Roscovitin (Seliciclib) prevents DNA damage-induced cyclin A1 upregulation and hinders non-homologous end-joining (NHEJ) DNA repair. <i>Molecular Cancer</i> , 2010, 9, 208.	7.9	13
40	12-tetradecanoylphorbol-13-acetate and EZH2 inhibition: A novel approach for promoting myogenic differentiation in embryonal rhabdomyosarcoma cells. <i>Journal of Cellular Physiology</i> , 2018, 233, 2360-2365.	2.0	13
41	Genomic organization, promoter analysis, and chromosomal mapping of the mouse gene encoding Cdk9. <i>Journal of Cellular Biochemistry</i> , 2000, 78, 170-178.	1.2	12
42	pRb2/p130 Decreases Sensitivity to Apoptosis Induced by Camptothecin and Doxorubicin but not by Taxol. <i>Clinical Cancer Research</i> , 2004, 10, 8085-8093.	3.2	11
43	Silver Nanoparticles Derived by <i>ArtemisiaÂrborescens</i> Reveal Anticancer and Apoptosis-Inducing Effects. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8621.	1.8	11
44	PRC2: an epigenetic multiprotein complex with a key role in the development of rhabdomyosarcoma carcinogenesis. <i>Clinical Epigenetics</i> , 2021, 13, 156.	1.8	10
45	Verteporfin exhibits anti-proliferative activity in embryonal and alveolar rhabdomyosarcoma cell lines. <i>Chemico-Biological Interactions</i> , 2019, 312, 108813.	1.7	9
46	A comprehensive assessment of a new series of 5,6-difluorobenzotriazole-acrylonitrile derivatives as microtubule targeting agents (MTAs). <i>European Journal of Medicinal Chemistry</i> , 2021, 222, 113590.	2.6	9
47	Activation and function of murine Cyclin T2A and Cyclin T2B during skeletal muscle differentiation. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 728-734.	1.2	8
48	A Promyelocytic Leukemia Protein-Thrombospondin-2 Axis and the Risk of Relapse in Neuroblastoma. <i>Clinical Cancer Research</i> , 2016, 22, 3398-3409.	3.2	8
49	Novel 1,3,4-oxadiazole chalcogen analogues: Synthesis and cytotoxic activity. <i>European Journal of Medicinal Chemistry</i> , 2022, 238, 114440.	2.6	8
50	A new parameter of growth inhibition for cell proliferation assays. <i>Journal of Cellular Physiology</i> , 2018, 233, 4106-4115.	2.0	7
51	Modification of the base excision repair enzyme MBD4 by the small ubiquitin-like molecule SUMO1. <i>DNA Repair</i> , 2019, 82, 102687.	1.3	4
52	Target identification of a novel unsymmetrical 1,3,4-oxadiazole derivative with antiproliferative properties. <i>Journal of Cellular Physiology</i> , 2021, 236, 3789-3799.	2.0	4
53	Tomentosin a Sesquiterpene Lactone Induces Antiproliferative and Proapoptotic Effects in Human Burkitt Lymphoma by Dereglulation of Anti- and Pro-Apoptotic Genes. <i>Life</i> , 2021, 11, 1128.	1.1	4
54	Bromodomain Inhibitor JQ1 Provides Novel Insights and Perspectives in Rhabdomyosarcoma Treatment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3581.	1.8	4

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55	Cloning of murine CDK9/PITALRE and its tissue-specific expression in development. , 1998, 177, 206.		2
56	Long noncoding RNA SYISL: the crucial interaction with EZH2 in skeletal muscle differentiation and disorders. Non-coding RNA Investigation, 0, 3, 7-7.	0.6	0