Mario Chiariello

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1645643/publications.pdf

Version: 2024-02-01

72	10,395	117625	88630
papers	citations	34 h-index	70 g-index

73	73	73	20731
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	The small GTP-binding proteins Rac1 and Cdc42regulate the activity of the JNK/SAPK signaling pathway. Cell, 1995, 81, 1137-1146.	28.9	1,668
3	Role of the Small GTPase RAB7 in the Late Endocytic Pathway. Journal of Biological Chemistry, 1997, 272, 4391-4397.	3.4	271
4	Activation of the Protein Kinase Akt/PKB by the Formation of E-cadherin-mediated Cell-Cell Junctions. Journal of Biological Chemistry, 1999, 274, 19347-19351.	3.4	240
5	A Network of Mitogen-Activated Protein Kinases Links G Protein-Coupled Receptors to the c-jun Promoter: a Role for c-Jun NH₂-Terminal Kinase, p38s, and Extracellular Signal-Regulated Kinase 5. Molecular and Cellular Biology, 1999, 19, 4289-4301.	2.3	204
6	Transforming G Protein-coupled Receptors Potently Activate JNK (SAPK). Journal of Biological Chemistry, 1995, 270, 5620-5624.	3.4	202
7	Multiple Mitogen-Activated Protein Kinase Signaling Pathways Connect the Cot Oncoprotein to the c-jun Promoter and to Cellular Transformation. Molecular and Cellular Biology, 2000, 20, 1747-1758.	2.3	188
8	The Small GTP-Binding Protein RhoA Regulates c-Jun by a ROCK-JNK Signaling Axis. Molecular Cell, 2004, 14, 29-41.	9.7	182
9	miR-130a targets MET and induces TRAIL-sensitivity in NSCLC by downregulating miR-221 and 222. Oncogene, 2012, 31, 634-642.	5.9	181
10	NCOA4 Deficiency Impairs Systemic Iron Homeostasis. Cell Reports, 2016, 14, 411-421.	6.4	167
11	Regulation of gene expression by the small GTPase Rho through the ERK6 (p38gamma) MAP kinase pathway. Genes and Development, 2001, 15, 535-553.	5.9	157
12	Association of Toll-like receptor 7 variants with life-threatening COVID-19 disease in males: findings from a nested case-control study. ELife, 2021, 10, .	6.0	145
13	Co-operative regulation of endocytosis by three RAB5 isoforms. FEBS Letters, 1995, 366, 65-71.	2.8	144
14	Regulation of c-myc expression by PDGF through Rho GTPases. Nature Cell Biology, 2001, 3, 580-586.	10.3	128
15	Importance of the MKK6/p38 pathway for interleukin-12â€“induced STAT4 serine phosphorylation and transcriptional activity. Blood, 2000, 96, 1844-1852.	1.4	116
16	Signalling of the Ret receptor tyrosine kinase through the c-Jun NH2-terminal protein kinases (JNKs): evidence for a divergence of the ERKs and JNKs pathways induced by Ret. Oncogene, 1998, 16, 2435-2445.	5.9	112
17	Rab5a is a common component of the apical and basolateral endocytic machinery in polarized epithelial cells.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 5061-5065.	7.1	106
18	Cross-talk between MET and EGFR in non-small cell lung cancer involves miR-27a and Sprouty2. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8573-8578.	7.1	105

#	Article	IF	Citations
19	MAPK15/ERK8 stimulates autophagy by interacting with LC3 and GABARAP proteins. Autophagy, 2012, 8, 1724-1740.	9.1	100
20	Aptamer Functionalization of Nanosystems for Glioblastoma Targeting through the Bloodâ€“Brain Barrier. Journal of Medicinal Chemistry, 2017, 60, 4510-4516.	6.4	100
21	Signaling from G Protein-coupled Receptors to ERK5/Big MAPK 1 Involves GÎ±q and GÎ±12/13 Families of Heterotrimeric G Proteins. Journal of Biological Chemistry, 2000, 275, 21730-21736.	3.4	82
22	The small GTPases Rab5a, Rab5b and Rab5c are differentially phosphorylated in vitro. FEBS Letters, 1999, 453, 20-24.	2.8	80
23	Context-dependent miR-204 and miR-211 affect the biological properties of amelanotic and melanotic melanoma cells. Oncotarget, 2017, 8, 25395-25417.	1.8	64
24	Interaction Cloning and Characterization of the cDNA Encoding the Human Prenylated Rab Acceptor (PRA1). Biochemical and Biophysical Research Communications, 1999, 258, 657-662.	2.1	58
25	Signal transduction gRABs attention. Cellular Signalling, 2006, 18, 1-8.	3.6	58
26	The Platelet-derived Growth Factor Controls c-myc Expression through a JNK- and AP-1-dependent Signaling Pathway. Journal of Biological Chemistry, 2003, 278, 50024-50030.	3.4	53
27	Aptamer targeting EGFRvIII mutant hampers its constitutive autophosphorylation and affects migration, invasion and proliferation of glioblastoma cells. Oncotarget, 2015, 6, 37570-37587.	1.8	49
28	Regulation of cyclin-dependent kinase (Cdk) 2 Thr-160 phosphorylation and activity by mitogen-activated protein kinase in late G1 phase. Biochemical Journal, 2000, 349, 869-876.	3.7	42
29	Activation of the Erk8 Mitogen-activated Protein (MAP) Kinase by RET/PTC3, a Constitutively Active Form of the RET Proto-oncogene. Journal of Biological Chemistry, 2006, 281, 10567-10576.	3.4	42
30	FBXW7 and USP7 regulate CCDC6 turnover during the cell cycle and affect cancer drugs susceptibility in NSCLC. Oncotarget, 2015, 6, 12697-12709.	1.8	42
31	Extracellular Signal-regulated Kinase 8 (ERK8) Controls Estrogen-related Receptor Î± (ERRÎ±) Cellular Localization and Inhibits Its Transcriptional Activity. Journal of Biological Chemistry, 2011, 286, 8507-8522.	3.4	40
32	MAPK15 mediates BCR-ABL1-induced autophagy and regulates oncogene-dependent cell proliferation and tumor formation. Autophagy, 2015, 11, 1790-1802.	9.1	39
33	Targeted inhibition of Hedgehog-GLI signaling by novel acylguanidine derivatives inhibits melanoma cell growth by inducing replication stress and mitotic catastrophe. Cell Death and Disease, 2018, 9, 142.	6.3	37
34	MAPK15 upregulation promotes cell proliferation and prevents DNA damage in male germ cell tumors. Oncotarget, 2016, 7, 20981-20998.	1.8	37
35	Discovery of 14â€3â€3 Proteinâ€“Protein Interaction Inhibitors that Sensitize Multidrugâ€Resistant Cancer Cells to Doxorubicin and the Akt Inhibitor GSK690693. ChemMedChem, 2014, 9, 973-983.	3.2	30
36	Prodrugs of Pyrazolo[3,4-d]pyrimidines: From Library Synthesis to Evaluation as Potential Anticancer Agents in an Orthotopic Glioblastoma Model. Journal of Medicinal Chemistry, 2017, 60, 6305-6320.	6.4	28

#	Article	IF	Citations
37	Alterations of autophagy in the peripheral neuropathy Charcot-Marie-Tooth type 2B. Autophagy, 2018, 14, 1-12.	9.1	27
38	Activated kinase screening identifies the IKBKE oncogene as a positive regulator of autophagy. Autophagy, 2019, 15, 312-326.	9.1	25
39	Identification of new pyrrolo[2,3- d]pyrimidines as Src tyrosine kinase inhibitors inÂvitro active against Glioblastoma. European Journal of Medicinal Chemistry, 2017, 127, 369-378.	5.5	23
40	Improvement of pyrazolo[3,4-d]pyrimidines pharmacokinetic properties: nanosystem approaches for drug delivery. Scientific Reports, 2016, 6, 21509.	3.3	22
41	Activation of Ras and Rho GTPases and MAP Kinases by G-Protein-Coupled Receptors. Methods in Molecular Biology, 2010, 661, 137-150.	0.9	21
42	Straightforward synthesis of a novel ring-fused pyrazole-lactam and inÂvitro cytotoxic activity on cancer cell lines. European Journal of Medicinal Chemistry, 2016, 117, 1-7.	5.5	19
43	Pyrazolo[3,4-d]pyrimidines-loaded human serum albumin (HSA) nanoparticles: Preparation, characterization and cytotoxicity evaluation against neuroblastoma cell line. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3196-3200.	2.2	19
44	Molecular Cloning and Expression Analysis of the Human Rab7 GTP-ase Complementary Deoxyribonucleic Acid. Biochemical and Biophysical Research Communications, 1996, 229, 887-890.	2.1	16
45	Selective transcription and cellular proliferation induced by PDGF require histone deacetylase activity. Biochemical and Biophysical Research Communications, 2006, 343, 544-554.	2.1	16
46	MAPK15 is part of the ULK complex and controls its activity to regulate early phases of the autophagic process. Journal of Biological Chemistry, 2018, 293, 15962-15976.	3.4	16
47	MAPK15 protects from oxidative stressâ€dependent cellular senescence by inducing the mitophagic process. Aging Cell, 2022, 21, .	6.7	16
48	Quinoneâ€Fused Pyrazoles through 1,3â€Dipolar Cycloadditions: Synthesis of Tricyclic Scaffolds and in vitro Cytotoxic Activity Evaluation on Glioblastoma Cancer Cells. ChemMedChem, 2018, 13, 1744-1750.	3.2	14
49	Surface chemistry and entrapment of magnesium nanoparticles into polymeric micelles: a highly biocompatible tool for photothermal therapy. Chemical Communications, 2014, 50, 7783-7786.	4.1	12
50	Chemically stable inhibitors of 14-3-3 proteinâ€"protein interactions derived from BV02. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 657-664.	5.2	12
51	Surface modification of nanocellulose through carbamate link for a selective release of chemotherapeutics. Cellulose, 2020, 27, 8503-8511.	4.9	11
52	Superior Properties of N-Acetylcysteine Ethyl Ester over N-Acetyl Cysteine to Prevent Retinal Pigment Epithelial Cells Oxidative Damage. International Journal of Molecular Sciences, 2021, 22, 600.	4.1	11
53	Molecular insights to the bioactive form of BV02 , a reference inhibitor of 14-3-3Ïƒ proteinâ€"protein interactions. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 894-898.	2.2	10
54	RAB7A Regulates Vimentin Phosphorylation through AKT and PAK. Cancers, 2021, 13, 2220.	3.7	10

#	Article	IF	Citations
55	Structure Prediction and Validation of the ERK8 Kinase Domain. PLoS ONE, 2013, 8, e52011.	2.5	10
56	Identification of Phosphate-Containing Compounds as New Inhibitors of 14-3-3/c-Abl Proteinâ€“Protein Interaction. ACS Chemical Biology, 2020, 15, 1026-1035.	3.4	9
57	Importance of the MKK6/p38 pathway for interleukin-12â€“induced STAT4 serine phosphorylation and transcriptional activity. Blood, 2000, 96, 1844-1852.	1.4	9
58	Cloning and expression analysis of the murine Rab7 cDNA. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1995, 1264, 268-270.	2.4	8
59	Development of a yeast-based system to identify new hBRAFV600E functional interactors. Oncogene, 2019, 38, 1355-1366.	5.9	8
60	One drug for two targets: Biological evaluation of antiretroviral agents endowed with antiproliferative activity. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2502-2505.	2.2	8
61	Hybrid cholesterol-based nanocarriers containing phosphorescent Ir complexes: in vitro imaging on glioblastoma cell line. RSC Advances, 2015, 5, 1091-1096.	3.6	6
62	Targeting DDX3X Helicase Activity with BA103 Shows Promising Therapeutic Effects in Preclinical Glioblastoma Models. Cancers, 2021, 13, 5569.	3.7	6
63	MAPK15 Controls Hedgehog Signaling in Medulloblastoma Cells by Regulating Primary Ciliogenesis. Cancers, 2021, 13, 4903.	3.7	5
64	Genetic mapping of the mouse Rab7 gene and pseudogene and of the human RAB7 homolog. Mammalian Genome, 1998, 9, 448-452.	2.2	4
65	Growth factor transduction pathways: paradigm of anti-neoplastic targeted therapy. Journal of Molecular Medicine, 2014, 92, 723-733.	3.9	4
66	EGFR-Targeted Magnetic Nanovectors Recognize, in Vivo, Head and Neck Squamous Cells Carcinoma-Derived Tumors. ACS Medicinal Chemistry Letters, 2017, 8, 1230-1235.	2.8	4
67	Plasmin-Binding Tripeptide-Decorated Liposomes Loading Pyrazolo[3,4-d]pyrimidines for Targeting Hepatocellular Carcinoma. ACS Medicinal Chemistry Letters, 2018, 9, 646-651.	2.8	4
68	Regulation of Mitogen-Activated Protein Kinases by G-Protein-Coupled Receptors. Methods in Enzymology, 2002, 345, 437-447.	1.0	3
69	The FHP01 DDX3X Helicase Inhibitor Exerts Potent Anti-Tumor Activity In Vivo in Breast Cancer Pre-Clinical Models. Cancers, 2021, 13, 4830.	3.7	2
70	HrpA anchors meningococci to the dynein motor and affects the balance between apoptosis and pyroptosis. Journal of Biomedical Science, 2022, 29, .	7.0	1
71	Small Molecules as Potential Inhibitors of the 14-3-3/c-Abl Interaction for the Treatment of CML. Proceedings (mdpi), 2019, 22, .	0.2	0
72	Abstract LB-022: Aptamer-mediated inhibition of EGFRvIII mutant in glioblastoma cells. , 2015, , .		0