# Mario Chiariello

List of Publications by Year
in descending order

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

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| 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 | MAPK15 protects from oxidative stressâ€dependent cellular senescence by inducing the mitophagic process. Aging Cell, 2022, 21, . | 6.7 | 16 |
| 2 | HrpA anchors meningococci to the dynein motor and affects the balance between apoptosis and pyroptosis. Journal of Biomedical Science, 2022, 29, . | 7.0 | 1 |
| 3 | 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 |
| 4 | 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 |
| 5 | RAB7A Regulates Vimentin Phosphorylation through AKT and PAK. Cancers, 2021, 13, 2220. | 3.7 | 10 |
| 6 | 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 |
| 7 | MAPK15 Controls Hedgehog Signaling in Medulloblastoma Cells by Regulating Primary Ciliogenesis. Cancers, 2021, 13, 4903. | 3.7 | 5 |
| 8 | Targeting DDX3X Helicase Activity with BA103 Shows Promising Therapeutic Effects in Preclinical Glioblastoma Models. Cancers, 2021, 13, 5569. | 3.7 | 6 |
| 9 | Surface modification of nanocellulose through carbamate link for a selective release of chemotherapeutics. Cellulose, 2020, 27, 8503-8511. | 4.9 | 11 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Development of a yeast-based system to identify new hBRAFV600E functional interactors. Oncogene, 2019, 38, 1355-1366. | 5.9 | 8 |
| 14 | Activated kinase screening identifies the IKBKE oncogene as a positive regulator of autophagy. Autophagy, 2019, 15, 312-326. | 9.1 | 25 |
| 15 | 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 |
| 16 | Alterations of autophagy in the peripheral neuropathy Charcot-Marie-Tooth type 2B. Autophagy, 2018, 14, 1-12. | 9.1 | 27 |
| 17 | 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 |
| 18 | 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 |

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|---|---|---|---|
| 19 | 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 |
| 20 | 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 |
| 21 | Aptamer Functionalization of Nanosystems for Glioblastoma Targeting through the Bloodâ€“Brain Barrier. Journal of Medicinal Chemistry, 2017, 60, 4510-4516. | 6.4 | 100 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | Improvement of pyrazolo[3,4-d]pyrimidines pharmacokinetic properties: nanosystem approaches for drug delivery. Scientific Reports, 2016, 6, 21509. | 3.3 | 22 |
| 29 | NCOA4 Deficiency Impairs Systemic Iron Homeostasis. Cell Reports, 2016, 14, 411-421. | 6.4 | 167 |
| 30 | 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 |
| 31 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 9.1 | 4,701 |
| 32 | MAPK15 upregulation promotes cell proliferation and prevents DNA damage in male germ cell tumors. Oncotarget, 2016, 7, 20981-20998. | 1.8 | 37 |
| 33 | 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 |
| 34 | 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 |
| 35 | Hybrid cholesterol-based nanocarriers containing phosphorescent Ir complexes: in vitro imaging on glioblastoma cell line. RSC Advances, 2015, 5, 1091-1096. | 3.6 | 6 |
| 36 | MAPK15 mediates BCR-ABL1-induced autophagy and regulates oncogene-dependent cell proliferation and tumor formation. Autophagy, 2015, 11, 1790-1802. | 9.1 | 39 |

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|---|---|---|---|
| 37 | Abstract LB-022: Aptamer-mediated inhibition of EGFRvIII mutant in glioblastoma cells. , 2015, , . | | 0 |
| 38 | 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 |
| 39 | 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 |
| 40 | Growth factor transduction pathways: paradigm of anti-neoplastic targeted therapy. Journal of Molecular Medicine, 2014, 92, 723-733. | 3.9 | 4 |
| 41 | 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 |
| 42 | Structure Prediction and Validation of the ERK8 Kinase Domain. PLoS ONE, 2013, 8, e52011. | 2.5 | 10 |
| 43 | MAPK15/ERK8 stimulates autophagy by interacting with LC3 and GABARAP proteins. Autophagy, 2012, 8, 1724-1740. | 9.1 | 100 |
| 44 | miR-130a targets MET and induces TRAIL-sensitivity in NSCLC by downregulating miR-221 and 222. Oncogene, 2012, 31, 634-642. | 5.9 | 181 |
| 45 | 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 |
| 46 | 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 |
| 47 | Selective transcription and cellular proliferation induced by PDGF require histone deacetylase activity. Biochemical and Biophysical Research Communications, 2006, 343, 544-554. | 2.1 | 16 |
| 48 | Signal transduction gRABs attention. Cellular Signalling, 2006, 18, 1-8. | 3.6 | 58 |
| 49 | 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 |
| 50 | The Small GTP-Binding Protein RhoA Regulates c-Jun by a ROCK-JNK Signaling Axis. Molecular Cell, 2004, 14, 29-41. | 9.7 | 182 |
| 51 | 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 |
| 52 | Regulation of Mitogen-Activated Protein Kinases by G-Protein-Coupled Receptors. Methods in Enzymology, 2002, 345, 437-447. | 1.0 | 3 |
| 53 | Regulation of c-myc expression by PDGF through Rho GTPases. Nature Cell Biology, 2001, 3, 580-586. | 10.3 | 128 |
| 54 | 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 |

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|---|---|---|---|
| 55 | 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 |
| 56 | Importance of the MKK6/p38 pathway for interleukin-12â€“induced STAT4 serine phosphorylation and transcriptional activity. Blood, 2000, 96, 1844-1852. | 1.4 | 116 |
| 57 | 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 |
| 58 | 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 |
| 59 | Importance of the MKK6/p38 pathway for interleukin-12â€“induced STAT4 serine phosphorylation and transcriptional activity. Blood, 2000, 96, 1844-1852. | 1.4 | 9 |
| 60 | 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 |
| 61 | The small GTPases Rab5a, Rab5b and Rab5c are differentially phosphorylated in vitro. FEBS Letters, 1999, 453, 20-24. | 2.8 | 80 |
| 62 | 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 |
| 63 | A Network of Mitogen-Activated Protein Kinases Links G Protein-Coupled Receptors to the c-jun Promoter: a Role for c-Jun NH<sub>2</sub>-Terminal Kinase, p38s, and Extracellular Signal-Regulated Kinase 5. Molecular and Cellular Biology, 1999, 19, 4289-4301. | 2.3 | 204 |
| 64 | 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 |
| 65 | Genetic mapping of the mouse Rab7 gene and pseudogene and of the human RAB7 homolog. Mammalian Genome, 1998, 9, 448-452. | 2.2 | 4 |
| 66 | Role of the Small GTPase RAB7 in the Late Endocytic Pathway. Journal of Biological Chemistry, 1997, 272, 4391-4397. | 3.4 | 271 |
| 67 | 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 |
| 68 | Cloning and expression analysis of the murine Rab7 cDNA. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1995, 1264, 268-270. | 2.4 | 8 |
| 69 | Transforming G Protein-coupled Receptors Potently Activate JNK (SAPK). Journal of Biological Chemistry, 1995, 270, 5620-5624. | 3.4 | 202 |
| 70 | Co-operative regulation of endocytosis by three RAB5 isoforms. FEBS Letters, 1995, 366, 65-71. | 2.8 | 144 |
| 71 | 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 |
| 72 | 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 |