

Maria Beatrice Morelli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4604761/publications.pdf>

Version: 2024-02-01

76
papers

7,207
citations

172457

29
h-index

79698

73
g-index

77
all docs

77
docs citations

77
times ranked

17529
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222. | 9.1 | 4,701 |
| 2 | Triggering of the TRPV2 channel by cannabidiol sensitizes glioblastoma cells to cytotoxic chemotherapeutic agents. <i>Carcinogenesis</i> , 2013, 34, 48-57. | 2.8 | 201 |
| 3 | Triggering of transient receptor potential vanilloid type 1 (TRPV1) by capsaicin induces Fas/CD95-mediated apoptosis of urothelial cancer cells in an ATM-dependent manner. <i>Carcinogenesis</i> , 2009, 30, 1320-1329. | 2.8 | 137 |
| 4 | Danger- and pathogen-associated molecular patterns recognition by pattern-recognition receptors and ion channels of the transient receptor potential family triggers the inflammasome activation in immune cells and sensory neurons. <i>Journal of Neuroinflammation</i> , 2015, 12, 21. | 7.2 | 126 |
| 5 | Cannabidiol stimulates Ca^{2+} -dependent glial differentiation and inhibits glioma stem-like cells proliferation by inducing autophagy in a TRPV2-dependent manner. <i>International Journal of Cancer</i> , 2015, 137, 1855-1869. | 5.1 | 123 |
| 6 | TRPV2 channel negatively controls glioma cell proliferation and resistance to Fas-induced apoptosis in ERK-dependent manner. <i>Carcinogenesis</i> , 2010, 31, 794-803. | 2.8 | 101 |
| 7 | The effects of cannabidiol and its synergism with bortezomib in multiple myeloma cell lines. A role for transient receptor potential vanilloid type 2. <i>International Journal of Cancer</i> , 2014, 134, 2534-2546. | 5.1 | 86 |
| 8 | The transient receptor potential vanilloid 2 cation channel impairs glioblastoma stem-like cell proliferation and promotes differentiation. <i>International Journal of Cancer</i> , 2012, 131, E1067-77. | 5.1 | 71 |
| 9 | Pazopanib and sunitinib trigger autophagic and non-autophagic death of bladder tumour cells. <i>British Journal of Cancer</i> , 2013, 109, 1040-1050. | 6.4 | 65 |
| 10 | Urinary Markers in Bladder Cancer: An Update. <i>Frontiers in Oncology</i> , 2018, 8, 362. | 2.8 | 64 |
| 11 | Cannabinoids synergize with carfilzomib, reducing multiple myeloma cells viability and migration. <i>Oncotarget</i> , 2016, 7, 77543-77557. | 1.8 | 62 |
| 12 | Capsaicin promotes a more aggressive gene expression phenotype and invasiveness in null-TRPV1 urothelial cancer cells. <i>Carcinogenesis</i> , 2011, 32, 686-694. | 2.8 | 58 |
| 13 | Immuno-Transient Receptor Potential Ion Channels: The Role in Monocyte- and Macrophage-Mediated Inflammatory Responses. <i>Frontiers in Immunology</i> , 2018, 9, 1273. | 4.8 | 56 |
| 14 | Essential Role of Gli Proteins in Glioblastoma Multiforme. <i>Current Protein and Peptide Science</i> , 2013, 14, 133-140. | 1.4 | 53 |
| 15 | Capsaicin triggers autophagic cell survival which drives epithelial mesenchymal transition and chemoresistance in bladder cancer cells in an Hedgehog-dependent manner. <i>Oncotarget</i> , 2016, 7, 50180-50194. | 1.8 | 51 |
| 16 | Evaluations of thyme extract effects in human normal bronchial and tracheal epithelial cell lines and in human lung cancer cell line. <i>Chemico-Biological Interactions</i> , 2016, 256, 125-133. | 4.0 | 49 |
| 17 | Loss of TRPV2 Homeostatic Control of Cell Proliferation Drives Tumor Progression. <i>Cells</i> , 2014, 3, 112-128. | 4.1 | 48 |
| 18 | Expression Profiling of Circulating Tumor Cells in Pancreatic Ductal Adenocarcinoma Patients: Biomarkers Predicting Overall Survival. <i>Frontiers in Oncology</i> , 2019, 9, 874. | 2.8 | 48 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Overexpression of transient receptor potential mucolipin-2 ion channels in gliomas: role in tumor growth and progression. <i>Oncotarget</i> , 2016, 7, 43654-43668. | 1.8 | 48 |
| 20 | ICOS-L as a Potential Therapeutic Target for Cancer Immunotherapy. <i>Current Protein and Peptide Science</i> , 2018, 19, 1107-1113. | 1.4 | 48 |
| 21 | Axitinib induces DNA damage response leading to senescence, mitotic catastrophe, and increased NK cell recognition in human renal carcinoma cells. <i>Oncotarget</i> , 2015, 6, 36245-36259. | 1.8 | 46 |
| 22 | IL-22 mRNA in peripheral blood mononuclear cells from allergic rhinitic and asthmatic pediatric patients. <i>Pediatric Allergy and Immunology</i> , 2011, 22, 419-423. | 2.6 | 44 |
| 23 | Expression of transient receptor potential vanilloid 1 (TRPV1) in urothelial cancers of human bladder: relation to clinicopathological and molecular parameters. <i>Histopathology</i> , 2010, 57, 744-752. | 2.9 | 41 |
| 24 | Expression localisation and functional activity of pituitary adenylate cyclase-activating polypeptide, vasoactive intestinal polypeptide and their receptors in mouse ovary. <i>Reproduction</i> , 2007, 134, 281-292. | 2.6 | 36 |
| 25 | Transient Receptor Potential Mucolipin-1 Channels in Glioblastoma: Role in Patient's Survival. <i>Cancers</i> , 2019, 11, 525. | 3.7 | 36 |
| 26 | Cross-talk between alpha1D-adrenoceptors and transient receptor potential vanilloid type 1 triggers prostate cancer cell proliferation. <i>BMC Cancer</i> , 2014, 14, 921. | 2.6 | 35 |
| 27 | TRP Channels: New Potential Therapeutic Approaches in CNS Neuropathies. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 274-293. | 1.4 | 34 |
| 28 | Aniseed (<i>Pimpinella anisum</i> L.) essential oil reduces pro-inflammatory cytokines and stimulates mucus secretion in primary airway bronchial and tracheal epithelial cell lines. <i>Industrial Crops and Products</i> , 2018, 114, 81-86. | 5.2 | 34 |
| 29 | Oncogenic and Anti-Oncogenic Effects of Transient Receptor Potential Channels. <i>Current Topics in Medicinal Chemistry</i> , 2013, 13, 344-366. | 2.1 | 33 |
| 30 | The TRPV2 cation channels: from urothelial cancer invasiveness to glioblastoma multiforme interactome signature. <i>Laboratory Investigation</i> , 2020, 100, 186-198. | 3.7 | 30 |
| 31 | Involvement of the TRPML Mucolipin Channels in Viral Infections and Anti-viral Innate Immune Responses. <i>Frontiers in Immunology</i> , 2020, 11, 739. | 4.8 | 30 |
| 32 | The Effects of Cannabidiol and Prognostic Role of TRPV2 in Human Endometrial Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5409. | 4.1 | 29 |
| 33 | Axitinib induces senescence-associated cell death and necrosis in glioma cell lines: The proteasome inhibitor, bortezomib, potentiates axitinib-induced cytotoxicity in a p21(Waf/Cip1) dependent manner. <i>Oncotarget</i> , 2017, 8, 3380-3395. | 1.8 | 29 |
| 34 | The Controversial Role of PD-1 and Its Ligands in Gynecological Malignancies. <i>Frontiers in Oncology</i> , 2019, 9, 1073. | 2.8 | 28 |
| 35 | Calcium Signaling and the Regulation of Chemosensitivity in Cancer Cells: Role of the Transient Receptor Potential Channels. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1131, 505-517. | 1.6 | 28 |
| 36 | Characterization, Expression, and Functional Activity of Pituitary Adenylate Cyclase-Activating Polypeptide and Its Receptors in Human Granulosa-Luteal Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 4924-4932. | 3.6 | 27 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Transient Receptor Potential Cation Channels in Cancer Therapy. <i>Medical Sciences (Basel)</i> , 2014, 1, 1-10. doi:10.784314/10.784314 | 2.9 | 27 |
| 38 | Advances in Transient Receptor Potential Vanilloid-2 Channel Expression and Function in Tumor Growth and Progression. <i>Current Protein and Peptide Science</i> , 2014, 15, 732-737. | 1.4 | 26 |
| 39 | Sorafenib induces cathepsin B-mediated apoptosis of bladder cancer cells by regulating the Akt/PTEN pathway. The Akt inhibitor, perifosine, enhances the sorafenib-induced cytotoxicity against bladder cancer cells.. <i>Oncoscience</i> , 2015, 2, 395-409. | 2.2 | 25 |
| 40 | Expression and Function of the Transient Receptor Potential Ion Channel Family in the Hematologic Malignancies. <i>Current Molecular Pharmacology</i> , 2014, 6, 137-148. | 1.5 | 25 |
| 41 | High CTLA-4 expression correlates with poor prognosis in thymoma patients. <i>Oncotarget</i> , 2018, 9, 16665-16677. | 1.8 | 24 |
| 42 | Isofuranodiene synergizes with temozolomide in inducing glioma cells death. <i>Phytomedicine</i> , 2019, 52, 51-59. | 5.3 | 24 |
| 43 | The TRPV1 ion channel regulates thymocyte differentiation by modulating autophagy and proteasome activity. <i>Oncotarget</i> , 2017, 8, 90766-90780. | 1.8 | 24 |
| 44 | Thyme extract increases mucociliary-beating frequency in primary cell lines from chronic obstructive pulmonary disease patients. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 1248-1253. | 5.6 | 23 |
| 45 | Cannabidiol and Oxygen-Ozone Combination Induce Cytotoxicity in Human Pancreatic Ductal Adenocarcinoma Cell Lines. <i>Cancers</i> , 2020, 12, 2774. | 3.7 | 20 |
| 46 | Emerging Role of Mucolipins TRPML Channels in Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 659. | 2.8 | 18 |
| 47 | Evidence of post-transcriptional readthrough regulation in FGF5 gene of alpaca. <i>Gene</i> , 2018, 647, 121-128. | 2.2 | 17 |
| 48 | Pathophysiological Role of Transient Receptor Potential Mucolipin Channel 1 in Calcium-Mediated Stress-Induced Neurodegenerative Diseases. <i>Frontiers in Physiology</i> , 2020, 11, 251. | 2.8 | 17 |
| 49 | Novel antitumor copper(II) complexes designed to act through synergistic mechanisms of action, due to the presence of an NMDA receptor ligand and copper in the same chemical entity. <i>New Journal of Chemistry</i> , 2018, 42, 11878-11887. | 2.8 | 16 |
| 50 | Mechanosensation and Mechanotransduction in Natural Killer Cells. <i>Frontiers in Immunology</i> , 2021, 12, 688918. | 4.8 | 16 |
| 51 | Targeting Transient Receptor Potential Channels by MicroRNAs Drives Tumor Development and Progression. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1131, 605-623. | 1.6 | 16 |
| 52 | Follicular fluid hormonal profile and cumulus cell gene expression in controlled ovarian hyperstimulation with recombinant FSH: effects of recombinant LH administration. <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 1381-1391. | 2.5 | 15 |
| 53 | Post-transcriptional regulation of 5'-untranslated regions of human Transient Receptor Potential Vanilloid type-1 (TRPV-1) channels: role in the survival of glioma patients. <i>Oncotarget</i> , 2016, 7, 81541-81554. | 1.8 | 15 |
| 54 | The effects of cannabidiol via TRPV2 channel in chronic myeloid leukemia cells and its combination with imatinib. <i>Cancer Science</i> , 2022, 113, 1235-1249. | 3.9 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Chemical manipulations on the 1,4-dioxane ring of 5-HT1A receptor agonists lead to antagonists endowed with antitumor activity in prostate cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2019, 168, 461-473. | 5.5 | 13 |
| 56 | Resiniferatoxin induces death of bladder cancer cells associated with mitochondrial dysfunction and reduces tumor growth in a xenograft mouse model. <i>Chemico-Biological Interactions</i> , 2014, 224, 128-135. | 4.0 | 12 |
| 57 | Correlation between High PD-L1 and EMT/Invasive Genes Expression and Reduced Recurrence-Free Survival in Blood-Circulating Tumor Cells from Patients with Non-Muscle-Invasive Bladder Cancer. <i>Cancers</i> , 2021, 13, 5989. | 3.7 | 11 |
| 58 | Biological Function of PD-L2 and Correlation With Overall Survival in Type II Endometrial Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 538064. | 2.8 | 9 |
| 59 | Knock-Down of Mucolipin 1 Channel Promotes Tumor Progression and Invasion in Human Glioblastoma Cell Lines. <i>Frontiers in Oncology</i> , 2021, 11, 578928. | 2.8 | 8 |
| 60 | Role of the NMDA Receptor in the Antitumor Activity of Chiral 1,4-Dioxane Ligands in MCF-7 and SKBR3 Breast Cancer Cells. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 511-516. | 2.8 | 7 |
| 61 | Transient Receptor Potential (TRP) Channels in Haematological Malignancies: An Update. <i>Biomolecules</i> , 2021, 11, 765. | 4.0 | 7 |
| 62 | ERK Phosphorylation Regulates the Aml1/Runx1 Splice Variants and the TRP Channels Expression during the Differentiation of Glioma Stem Cell Lines. <i>Cells</i> , 2021, 10, 2052. | 4.1 | 7 |
| 63 | Unveiling the Molecular Mechanisms Driving the Capsaicin-Induced Immunomodulatory Effects on PD-L1 Expression in Bladder and Renal Cancer Cell Lines. <i>Cancers</i> , 2022, 14, 2644. | 3.7 | 6 |
| 64 | Exploring treatment with Ribociclib alone or in sequence/combo with Everolimus in ER+HER2 ⁺ Rb wild-type and knock-down in breast cancer cell lines. <i>BMC Cancer</i> , 2020, 20, 1119. | 2.6 | 5 |
| 65 | Transient Receptor Potential (TRP) Channels: Markers and Therapeutic Targets for Cancer?. <i>Biomolecules</i> , 2022, 12, 547. | 4.0 | 5 |
| 66 | The Mucolipin TRPML2 Channel Enhances the Sensitivity of Multiple Myeloma Cell Lines to Ibrutinib and/or Bortezomib Treatment. <i>Biomolecules</i> , 2022, 12, 107. | 4.0 | 4 |
| 67 | Functional In Vitro Assessment of VEGFA/NOTCH2 Signaling Pathway and pRB Proteasomal Degradation and the Clinical Relevance of Mucolipin TRPML2 Overexpression in Glioblastoma Patients. <i>International Journal of Molecular Sciences</i> , 2022, 23, 688. | 4.1 | 3 |
| 68 | Coexpression of TRPML1 and TRPML2 Mucolipin Channels Affects the Survival of Glioblastoma Patients. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7741. | 4.1 | 3 |
| 69 | Different effects of sunitinib, sorafenib, and pazopanib on inducing cancer cell death: The role of autophagy.. <i>Journal of Clinical Oncology</i> , 2013, 31, 270-270. | 1.6 | 2 |
| 70 | Cross-talk between microRNAs, long non-coding RNAs and p21 ^{&sup>sup</sup>} ;Cip1 ^{&sup>sup</sup>} ; in glioma: diagnostic, prognostic and therapeutic roles. <i>Journal of Cancer Metastasis and Treatment</i> , 0, 2020, . | 0.8 | 2 |
| 71 | The Prognostic Value of the Circulating Tumor Cell-Based Four mRNA Scoring System: A New Non-Invasive Setting for the Management of Bladder Cancer. <i>Cancers</i> , 2022, 14, 3118. | 3.7 | 2 |
| 72 | Effect of sunitinib and pazopanib on necrosis and autophagic cell death in cancer cells: Role of cathepsin B.. <i>Journal of Clinical Oncology</i> , 2013, 31, e15513-e15513. | 1.6 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | TRPV2 Expression and Its Role in Proliferation of Human Multiple Myeloma Cell Lines. <i>Blood</i> , 2011, 118, 5003-5003. | 1.4 | 1 |
| 74 | Evening Primrose Oil Improves Chemotherapeutic Effects in Human Pancreatic Ductal Adenocarcinoma Cell Linesâ€”A Preclinical Study. <i>Pharmaceuticals</i> , 2022, 15, 466. | 3.8 | 1 |
| 75 | Association of cross-talk between β 1D-adrenergic receptor (β 1D -AR) and transient receptor potential vanilloid 1 (TRPV1) with the proliferation of PC3 prostate cancer cells.. <i>Journal of Clinical Oncology</i> , 2013, 31, 87-87. | 1.6 | 0 |
| 76 | Effect of sorafenib on cathepsin B-dependent BID-mediated apoptosis in cancer cells.. <i>Journal of Clinical Oncology</i> , 2013, 31, e15515-e15515. | 1.6 | 0 |