# Paola Matarrese

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 67 papers | 10,541 citations | 186265 28 h-index | 95266 68 g-index |
| 69 all docs | 69 docs citations | 69 times ranked | 23339 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 | Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544. | 9.1 | 3,122 |
| 3 | Proton Pump Inhibitors Induce Apoptosis of Human B-Cell Tumors through a Caspase-Independent Mechanism Involving Reactive Oxygen Species. Cancer Research, 2007, 67, 5408-5417. | 0.9 | 280 |
| 4 | Cannibalism of Live Lymphocytes by Human Metastatic but Not Primary Melanoma Cells. Cancer Research, 2006, 66, 3629-3638. | 0.9 | 242 |
| 5 | Inhibition of autophagy increases susceptibility of glioblastoma stem cells to temozolomide by igniting ferroptosis. Cell Death and Disease, 2018, 9, 841. | 6.3 | 182 |
| 6 | Galectin-1 Sensitizes Resting Human T Lymphocytes to Fas (CD95)-mediated Cell Death via Mitochondrial Hyperpolarization, Budding, and Fission. Journal of Biological Chemistry, 2005, 280, 6969-6985. | 3.4 | 157 |
| 7 | Mineralocorticoid receptor antagonism induces browning of white adipose tissue through impairment of autophagy and prevents adipocyte dysfunction in highâ€fatâ€dietâ€fed mice. FASEB Journal, 2014, 28, 3745-3757. | 0.5 | 139 |
| 8 | The Impact of Oxidative Stress in Human Pathology: Focus on Gastrointestinal Disorders. Antioxidants, 2021, 10, 201. | 5.1 | 112 |
| 9 | Mitochondria hyperpolarization is an early event in oxidized low-density lipoprotein-induced apoptosis in Caco-2 intestinal cells. FEBS Letters, 2002, 523, 200-206. | 2.8 | 99 |
| 10 | Cell death-based treatments of melanoma:conventional treatments and new therapeutic strategies. Cell Death and Disease, 2018, 9, 112. | 6.3 | 94 |
| 11 | Cathepsin B inhibition interferes with metastatic potential of human melanoma: an in vitro and in vivo study. Molecular Cancer, 2010, 9, 207. | 19.2 | 91 |
| 12 | Evidence for the involvement of GD3 ganglioside in autophagosome formation and maturation. Autophagy, 2014, 10, 750-765. | 9.1 | 82 |
| 13 | Mitochondrial Membrane Hyperpolarization Hijacks Activated T Lymphocytes Toward the Apoptotic-Prone Phenotype: Homeostatic Mechanisms of HIV Protease Inhibitors. Journal of Immunology, 2003, 170, 6006-6015. | 0.8 | 74 |
| 14 | Role of Cholesterol and Lipid Rafts in Cancer Signaling: A Promising Therapeutic Opportunity?. Frontiers in Cell and Developmental Biology, 2021, 9, 622908. | 3.7 | 61 |
| 15 | Leptin as an immunological adjuvant: enhanced migratory and CD8<sup>+</sup>T cell stimulatory capacity of human dendritic cells exposed to leptin. FASEB Journal, 2008, 22, 2012-2022. | 0.5 | 56 |
| 16 | Estrogen receptor Î² ligation inhibits Hodgkin lymphoma growth by inducing autophagy. Oncotarget, 2017, 8, 8522-8535. | 1.8 | 47 |
| 17 | Elesclomol-induced increase of mitochondrial reactive oxygen species impairs glioblastoma stem-like cell survival and tumor growth. Journal of Experimental and Clinical Cancer Research, 2021, 40, 228. | 8.6 | 45 |
| 18 | Raft-like lipid microdomains drive autophagy initiation via AMBRA1-ERLIN1 molecular association within MAMs. Autophagy, 2021, 17, 2528-2548. | 9.1 | 42 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Cell sex: a new look at cell fate studies. FASEB Journal, 2009, 23, 978-984. | 0.5 | 41 |
| 20 | Exposure of Tollâ€like receptors 4 to bacterial lipopolysaccharide (LPS) impairs human colonic smooth muscle cell function. Journal of Cellular Physiology, 2010, 223, 442-450. | 4.1 | 39 |
| 21 | Raft component GD3 associates with tubulin following CD95/Fas ligation. FASEB Journal, 2009, 23, 3298-3308. | 0.5 | 38 |
| 22 | On the role of sphingolipids in cell survival and death. International Review of Cell and Molecular Biology, 2020, 351, 149-195. | 3.2 | 36 |
| 23 | Mitochondria regulate platelet metamorphosis induced by opsonized zymosanâ€ƒA â€“ activation and longâ€term commitment to cell death. FEBS Journal, 2009, 276, 845-856. | 4.7 | 35 |
| 24 | Recruitment of cellular prion protein to mitochondrial raft-like microdomains contributes to apoptosis execution. Molecular Biology of the Cell, 2011, 22, 4842-4853. | 2.1 | 35 |
| 25 | Pepstatin A alters host cell autophagic machinery and leads to a decrease in influenza A virus production. Journal of Cellular Physiology, 2011, 226, 3368-3377. | 4.1 | 33 |
| 26 | Autophagic flux and autophagosome morphogenesis require the participation of sphingolipids. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 645-657. | 4.9 | 33 |
| 27 | Non-genomic Effects of Estrogen on Cell Homeostasis and Remodeling With Special Focus on Cardiac Ischemia/Reperfusion Injury. Frontiers in Endocrinology, 2019, 10, 733. | 3.5 | 33 |
| 28 | Preclinical models in the study of sex differences. Clinical Science, 2017, 131, 449-469. | 4.3 | 32 |
| 29 | Cellular and Molecular Mechanisms of Phenotypic Switch in Gastrointestinal Smooth Muscle. Journal of Cellular Physiology, 2016, 231, 295-302. | 4.1 | 31 |
| 30 | Differential Redox State Contributes to Sex Disparities in the Response to Influenza Virus Infection in Male and Female Mice. Frontiers in Immunology, 2018, 9, 1747. | 4.8 | 30 |
| 31 | The gender perspective in cancer research and therapy: novel insights and on-going hypotheses. Annali Dell'Istituto Superiore Di Sanita, 2016, 52, 213-22. | 0.4 | 30 |
| 32 | Inflammatory cytokines associated with cancer growth induce mitochondria and cytoskeleton alterations in cardiomyocytes. Journal of Cellular Physiology, 2019, 234, 20453-20468. | 4.1 | 29 |
| 33 | The kinase inhibitor SI113 induces autophagy and synergizes with quinacrine in hindering the growth of human glioblastoma multiforme cells. Journal of Experimental and Clinical Cancer Research, 2019, 38, 202. | 8.6 | 26 |
| 34 | Chlorpromazine induces cytotoxic autophagy in glioblastoma cells via endoplasmic reticulum stress and unfolded protein response. Journal of Experimental and Clinical Cancer Research, 2021, 40, 347. | 8.6 | 26 |
| 35 | Dynamics of mitochondrial raft-like microdomains in cell life and death. Communicative and Integrative Biology, 2012, 5, 217-219. | 1.4 | 25 |
| 36 | Microtubule-Based Mitochondrial Dynamics as a Valuable Therapeutic Target in Cancer. Cancers, 2021, 13, 5812. | 3.7 | 25 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Type I Interferon Gene Transfer Sensitizes Melanoma Cells to Apoptosis via a Target Activity on Mitochondrial Function. American Journal of Pathology, 2002, 160, 1507-1520. | 3.8 | 22 |
| 38 | Xeno-Cannibalism: A Survival â€œEscamotageâ€• Autophagy, 2007, 3, 75-77. | 9.1 | 21 |
| 39 | Counteraction of HCV-Induced Oxidative Stress Concurs to Establish Chronic Infection in Liver Cell Cultures. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-14. | 4.0 | 21 |
| 40 | Raft-like microdomains play a key role in mitochondrial impairment in lymphoid cells from patients with Huntington's disease. Journal of Lipid Research, 2012, 53, 2057-2068. | 4.2 | 20 |
| 41 | The influence of patient sex on clinical approaches to malignant glioma. Cancer Letters, 2020, 468, 41-47. | 7.2 | 20 |
| 42 | X-chromosome-linked miR548am-5p is a key regulator of sex disparity in the susceptibility to mitochondria-mediated apoptosis. Cell Death and Disease, 2019, 10, 673. | 6.3 | 19 |
| 43 | Anticancer Properties of the Antipsychotic Drug Chlorpromazine and Its Synergism With Temozolomide in Restraining Human Glioblastoma Proliferation In Vitro. Frontiers in Oncology, 2021, 11, 635472. | 2.8 | 19 |
| 44 | Trehalose administration in C57BL/6N old mice affects healthspan improving motor learning and brain anti-oxidant defences in a sex-dependent fashion: a pilot study. Experimental Gerontology, 2020, 129, 110755. | 2.8 | 18 |
| 45 | The small molecule SI113 hinders epithelialâ€toâ€•mesenchymal transition and subverts cytoskeletal organization in human cancer cells. Journal of Cellular Physiology, 2019, 234, 22529-22542. | 4.1 | 16 |
| 46 | Antioxidants counteract lipopolysaccharide-triggered alterations of human colonic smooth muscle cells. Free Radical Biology and Medicine, 2012, 53, 2102-2111. | 2.9 | 15 |
| 47 | The Sex-Related Interplay between TME and Cancer: On the Critical Role of Estrogen, MicroRNAs and Autophagy. Cancers, 2021, 13, 3287. | 3.7 | 15 |
| 48 | Role of Î²-Adrenergic Receptors and Estrogen in Cardiac Repair after Myocardial Infarction: An Overview. International Journal of Molecular Sciences, 2021, 22, 8957. | 4.1 | 13 |
| 49 | Recruitment of mitofusin 2 into â€œlipid raftsâ€• drives mitochondria fusion induced by Mdivi-1. Oncotarget, 2018, 9, 18869-18884. | 1.8 | 13 |
| 50 | Tackling the Behavior of Cancer Cells: Molecular Bases for Repurposing Antipsychotic Drugs in the Treatment of Glioblastoma. Cells, 2022, 11, 263. | 4.1 | 10 |
| 51 | The human papillomavirus-16 E7 oncoprotein exerts antiapoptotic effects via its physical interaction with the actin-binding protein gelsolin. Carcinogenesis, 2013, 34, 2424-2433. | 2.8 | 9 |
| 52 | Sex differences in antiviral immunity in SARSâ€CoVâ€2 infection: Mitochondria and mitomiR come into view. Acta Physiologica, 2021, 231, e13571. | 3.8 | 9 |
| 53 | Ammonium Glycyrrhizinate Prevents Apoptosis and Mitochondrial Dysfunction Induced by High Glucose in SH-SY5Y Cell Line and Counteracts Neuropathic Pain in Streptozotocin-Induced Diabetic Mice. Biomedicines, 2021, 9, 608. | 3.2 | 9 |
| 54 | Interaction between the human papillomavirus 16 E7 oncoprotein and gelsolin ignites cancer cell motility and invasiveness. Oncotarget, 2016, 7, 50972-50985. | 1.8 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Autoantibodies Specific to ERÎ± are Involved in Tamoxifen Resistance in Hormone Receptor Positive Breast Cancer. Cells, 2019, 8, 750. | 4.1 | 8 |
| 56 | Physical Interaction between HPV16E7 and the Actin-Binding Protein Gelsolin Regulates Epithelial-Mesenchymal Transition via HIPPO-YAP Axis. Cancers, 2021, 13, 353. | 3.7 | 7 |
| 57 | Targeting the Interplay between Cancer Metabolic Reprogramming and Cell Death Pathways as a Viable Therapeutic Path. Biomedicines, 2021, 9, 1942. | 3.2 | 7 |
| 58 | Survival features of EBV-stabilized cells from centenarians: morpho-functional and transcriptomic analyses. Age, 2012, 34, 1341-1359. | 3.0 | 6 |
| 59 | Î²-blockers Reverse Agonist-Induced Î²2-AR Downregulation Regardless of Their Signaling Profile. International Journal of Molecular Sciences, 2020, 21, 512. | 4.1 | 6 |
| 60 | Intermittent Î²-adrenergic blockade downregulates the gene expression of Î²-myosin heavy chain in the mouse heart. European Journal of Pharmacology, 2020, 882, 173287. | 3.5 | 5 |
| 61 | Î±â€¤adrenoceptor stimulation attenuates melanoma growth in mice. British Journal of Pharmacology, 2021, , . | 5.4 | 5 |
| 62 | The Natural Estrogen Receptor Beta Agonist Silibinin as a Promising Therapeutic Tool in Diffuse Large B-cell Lymphoma. Anticancer Research, 2022, 42, 767-779. | 1.1 | 4 |
| 63 | Crosstalk between Î²2- and Î±2-Adrenergic Receptors in the Regulation of B16F10 Melanoma Cell Proliferation. International Journal of Molecular Sciences, 2022, 23, 4634. | 4.1 | 3 |
| 64 | The role of sphingolipids and lipid rafts in determining cell fate. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 581-583. | 4.9 | 2 |
| 65 | Myogenic oxidative imbalance interferes with antral motility in obese subjects. Digestive and Liver Disease, 2018, 50, 820-827. | 0.9 | 2 |
| 66 | Different Susceptibilities of Human Melanoma Cell Lines to G2/M Blockage and Cell Death Activation in Response to the Estrogen Receptor Î² agonist LY500307. Journal of Cancer, 2022, 13, 1573-1587. | 2.5 | 2 |
| 67 | Oxidative imbalance and muscular alterations in diverticular disease. Digestive and Liver Disease, 2022, 54, 1186-1194. | 0.9 | 2 |