# Aurelio Lorico

List of Publications by Year
in descending order



| 60 | 2,139 | 201575 | 233338 |
|---|---|---|---|
| papers | citations | 27 h-index | 45 g-index |

| 61 | 61 | 61 | 3486 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The Stem Cell-Associated Antigen CD133 (Prominin-1) Is a Molecular Therapeutic Target for Metastatic Melanoma. Stem Cells, 2008, 26, 3008-3017. | 1.4 | 207 |
| 2 | Clinical Significance of Extracellular Vesicles in Plasma from Glioblastoma Patients. Clinical Cancer Research, 2019, 25, 266-276. | 3.2 | 177 |
| 3 | Inhibitors of ribonucleotide reductase. Biochemical Pharmacology, 1994, 48, 335-344. | 2.0 | 106 |
| 4 | Biochemical and biological characterization of exosomes containing prominin-1/CD133. Molecular Cancer, 2013, 12, 62. | 7.9 | 93 |
| 5 | Extracellular vesicle-mediated transfer of CLIC1 protein is a novel mechanism for the regulation of glioblastoma growth. Oncotarget, 2015, 6, 31413-31427. | 0.8 | 87 |
| 6 | Spontaneous Formation of Tumorigenic Hybrids between Breast Cancer and Multipotent Stromal Cells Is a Source of Tumor Heterogeneity. American Journal of Pathology, 2012, 180, 2504-2515. | 1.9 | 86 |
| 7 | Phenotypic Heterogeneity of Breast Cancer Stem Cells. Journal of Oncology, 2011, 2011, 1-6. | 0.6 | 75 |
| 8 | Growth of cancer cell lines under stem cell-like conditions has the potential to unveil therapeutic targets. Experimental Cell Research, 2008, 314, 2110-2122. | 1.2 | 66 |
| 9 | Breast Cancer-Derived Extracellular Vesicles: Characterization and Contribution to the Metastatic Phenotype. BioMed Research International, 2015, 2015, 1-13. | 0.9 | 65 |
| 10 | Apparent lack of Mrp1-mediated efflux at the luminal side of mouse blood-brain barrier endothelial cells. Pharmaceutical Research, 2003, 20, 904-909. | 1.7 | 61 |
| 11 | Extracellular Vesicles as Biological Shuttles for Targeted Therapies. International Journal of Molecular Sciences, 2019, 20, 1848. | 1.8 | 60 |
| 12 | Biochemical characterisation of elsamicin and other coumarin-related antitumour agents as potent inhibitors of human topoisomerase II. European Journal of Cancer, 1993, 29, 1985-1991. | 1.3 | 56 |
| 13 | VAMP-associated protein-A and oxysterol-binding proteinâ€“related protein 3 promote the entry of late endosomes into the nucleoplasmic reticulum. Journal of Biological Chemistry, 2018, 293, 13834-13848. | 1.6 | 55 |
| 14 | Erythrocyte Membrane ATP Binding Cassette (ABC) Proteins: MRP1 and CFTR as Well as CD39 (Ecto-apyrase) Involved in RBC ATP Transport and Elevated Blood Plasma ATP of Cystic Fibrosis. Blood Cells, Molecules, and Diseases, 2001, 27, 165-180. | 0.6 | 54 |
| 15 | Discussion. Biochemical Pharmacology, 1999, 58, 557-562. | 2.0 | 51 |
| 16 | Wnt interaction and extracellular release of prominin-1/CD133 in human malignant melanoma cells. Experimental Cell Research, 2013, 319, 810-819. | 1.2 | 48 |
| 17 | Nuclear transport of cancer extracellular vesicle-derived biomaterials through nuclear envelope invagination-associated late endosomes. Oncotarget, 2017, 8, 14443-14461. | 0.8 | 48 |
| 18 | Tetraspanin CD9 determines invasiveness and tumorigenicity of human breast cancer cells. Oncotarget, 2015, 6, 7970-7991. | 0.8 | 45 |

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|---|---|---|---|
| 19 | Role of the Multidrug Resistance Protein 1 in Protection from Heavy Metal Oxyanions: Investigations in Vitro and in MRP1-Deficient Mice. Biochemical and Biophysical Research Communications, 2002, 291, 617-622. | 1.0 | 40 |
| 20 | Uptake and Fate of Extracellular Membrane Vesicles: Nucleoplasmic Reticulum-Associated Late Endosomes as a New Gate to Intercellular Communication. Cells, 2020, 9, 1931. | 1.8 | 38 |
| 21 | Efficient expansion and gene transduction of mouse neural stem/progenitor cells on recombinant fibronectin. Neuroscience, 2004, 124, 823-830. | 1.1 | 36 |
| 22 | Overexpression of the multidrug resistance genes mdr1, mdr3, and mrp in L1210 leukemia cells resistant to inhibitors of ribonucleotide reductase. Biochemical Pharmacology, 1997, 54, 649-655. | 2.0 | 33 |
| 23 | Extracellular Vesicles from Thyroid Carcinoma: The New Frontier of Liquid Biopsy. International Journal of Molecular Sciences, 2019, 20, 1114. | 1.8 | 33 |
| 24 | Structure-function relationships for a new series of pyridine-2-carboxaldehyde thiosemicarbazones on ribonucleotide reductase activity and tumor cell growth in culture and in vivo. Advances in Enzyme Regulation, 1995, 35, 55-68. | 2.9 | 30 |
| 25 | Primary geneâ€engineered neural stem/progenitor cells demonstrate tumorâ€selective migration and antitumor effects in glioma. International Journal of Cancer, 2010, 126, 1206-1215. | 2.3 | 30 |
| 26 | Phenotypic characterization of mammosphere-forming cells from the human MA-11 breast carcinoma cell line. Experimental Cell Research, 2010, 316, 1576-1586. | 1.2 | 30 |
| 27 | CD9, a tetraspanin target for cancer therapy?. Experimental Biology and Medicine, 2021, 246, 1121-1138. | 1.1 | 30 |
| 28 | Role of the multidrug resistance protein 1 gene in the carcinogenicity of aflatoxin B1: investigations using mrp1-null mice. Toxicology, 2002, 171, 201-205. | 2.0 | 28 |
| 29 | Primary neural stem/progenitor cells expressing endostatin or cytochrome P450 for gene therapy of glioblastoma. Cancer Gene Therapy, 2008, 15, 605-615. | 2.2 | 28 |
| 30 | The HDAC6 Inhibitor Tubacin Induces Release of CD133<sup>+</sup> Extracellular Vesicles From Cancer Cells. Journal of Cellular Biochemistry, 2017, 118, 4414-4424. | 1.2 | 26 |
| 31 | Increase in topoisomerase-II-mediated dna breaks and cytotoxicity of VP16 in human U937 lymphoma cells pretreated with low doses of methotrexate. International Journal of Cancer, 1990, 45, 156-162. | 2.3 | 23 |
| 32 | Gentisic acid: an aspirin metabolite with multiple effects on human blood polymorphonuclear leukocytes. Biochemical Pharmacology, 1986, 35, 2443-2445. | 2.0 | 22 |
| 33 | Potentiation of etoposide cytotoxicity against a human ovarian cancer cell line by pretreatment with non-toxic concentrations of methotrexate or aphidicolin. European Journal of Cancer, 1992, 28, 66-71. | 1.3 | 22 |
| 34 | Letter to the Editor<scp>:</scp> An Intriguing Relationship Between Lipid Droplets, Cholesterol-Binding Protein CD133 and Wnt/Î²-Catenin Signaling Pathway in Carcinogenesis. Stem Cells, 2015, 33, 1366-1370. | 1.4 | 22 |
| 35 | Antiâ€human <scp>CD</scp>9 antibody Fab fragment impairs the internalization of extracellular vesicles and the nuclear transfer of their cargo proteins. Journal of Cellular and Molecular Medicine, 2019, 23, 4408-4421. | 1.6 | 22 |
| 36 | Novel Bicistronic Retroviral Vector ExpressingÎ³-Glutamylcysteine Synthetase and the Multidrug Resistance Protein 1 (MRP1) Protects Cells from MRP1-Effluxed Drugs and Alkylating Agents. Human Gene Therapy, 2001, 12, 1785-1796. | 1.4 | 21 |

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|---|---|---|---|
| 37 | Potentiation by novobiocin of the cytotoxic activity of etoposide (VP-16) and teniposide (VM-26). International Journal of Cancer, 1992, 51, 780-787. | 2.3 | 20 |
| 38 | The intrinsic fusogenicity of glioma cells as a factor of transformation and progression in the tumor microenvironment. International Journal of Cancer, 2012, 131, 334-343. | 2.3 | 17 |
| 39 | The Nuclear Pool of Tetraspanin CD9 Contributes to Mitotic Processes in Human Breast Carcinoma. Molecular Cancer Research, 2014, 12, 1840-1850. | 1.5 | 16 |
| 40 | Prominin-1/CD133: Lipid Raft Association, Detergent Resistance, and Immunodetection. Stem Cells Translational Medicine, 2018, 7, 155-160. | 1.6 | 16 |
| 41 | Vitamin E and vitamin C inhibit arachidonate-induced aggregation of human peripheral blood leukocytesin vitro. Agents and Actions, 1986, 19, 127-131. | 0.7 | 14 |
| 42 | Mitozolomide activity on human cancer cells in vitro. British Journal of Cancer, 1986, 54, 925-932. | 2.9 | 12 |
| 43 | Imatinib mesylate enhances the malignant behavior of human breast carcinoma cells. Cancer Chemotherapy and Pharmacology, 2011, 67, 919-926. | 1.1 | 11 |
| 44 | Itraconazole inhibits nuclear delivery of extracellular vesicle cargo by disrupting the entry of late endosomes into the nucleoplasmic reticulum. Journal of Extracellular Vesicles, 2021, 10, e12132. | 5.5 | 11 |
| 45 | Increase in etoposide-induced topoisomerase II-mediated DNA breaks after cell synchronization induced by low doses of methotrexate. Biochemical Pharmacology, 1988, 37, 1883-1884. | 2.0 | 9 |
| 46 | Gamma-glutamylcysteine synthetase-based selection strategy for gene therapy of chronic granulomatous disease and graft-vs.-host disease. European Journal of Haematology, 2007, 78, 440-448. | 1.1 | 9 |
| 47 | Î³-Glutamylcysteine Synthetase and L-Buthionine-(S,R)-Sulfoximine: A New Selection Strategy for Gene-Transduced Neural and Hematopoietic Stem/Progenitor Cells. Human Gene Therapy, 2005, 16, 711-724. | 1.4 | 8 |
| 48 | Prominin-1 (CD133) and Metastatic Melanoma: Current Knowledge and Therapeutic Perspectives. Advances in Experimental Medicine and Biology, 2013, 777, 197-211. | 0.8 | 8 |
| 49 | Relationship between Tumor Cell Invasiveness and Polyploidization. PLoS ONE, 2012, 7, e53364. | 1.1 | 6 |
| 50 | Ethanol induces upregulation of the nerve growth factor receptor CD271 in human melanoma cells via nuclear factor-ÎºB activation. Oncology Letters, 2015, 10, 815-821. | 0.8 | 5 |
| 51 | Cancer Stem Cells. Journal of Oncology, 2011, 2011, 1-1. | 0.6 | 4 |
| 52 | Transmission of Information in Neoplasia by Extracellular Vesicles. BioMed Research International, 2015, 2015, 1-2. | 0.9 | 4 |
| 53 | Early DNA damage induced in cells exposed to N10-propargyl 5,8-dideazafolic acid (CB 3717) or methotrexate. Biochemical Pharmacology, 1988, 37, 1875-1876. | 2.0 | 3 |
| 54 | Exosomes, microvesicles, and their friends in solid tumors. , 2020, , 39-80. | | 3 |

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|---|---|---|---|
| 55 | Commentary: Could We Address the Interplay Between CD133, Wnt/β2-Catenin, and TERT Signaling Pathways as a Potential Target for Glioblastoma Therapy?. Frontiers in Oncology, 2021, 11, 712358. | 1.3 | 3 |
| 56 | Oncosuppressor-Mutated Cell-Based Diagnostic Platform for Liquid Biopsy Diagnoses Benign Head and Neck Masses and Predicts Malignancy in Thyroid Nodules: Results from a Consecutive Cohort of Patients. European Thyroid Journal, 2021, 10, 285-294. | 1.2 | 2 |
| 57 | Cancer relevance of signal recognition particle RNA and other non-coding RNAs in extracellular vesicles. Translational Cancer Research, 2017, 6, S1257-S1260. | 0.4 | 2 |
| 58 | Adhesion signaling promotes protease-driven polyploidization of glioblastoma cells. International Journal of Molecular Medicine, 2014, 34, 1365-1371. | 1.8 | 1 |
| 59 | Analogies Between Cancer-Derived Extracellular Vesicles and Enveloped Viruses with an Emphasis on Human Breast Cancer. Current Pathobiology Reports, 2016, 4, 169-179. | 1.6 | 1 |
| 60 | Observation-driven inquiry: Raman spectroscopic imaging illuminates cancer lipid metabolism. Stem Cell Investigation, 2017, 4, 42-42. | 1.3 | 0 |