

Cristina Tringali

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,574
citations

279798

23
h-index

302126

39
g-index

45
all docs

45
docs citations

45
times ranked

2137
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Galactocerebrosidase deficiency induces an increase in lactosylceramide content: A new hallmark of Krabbe disease?. <i>International Journal of Biochemistry and Cell Biology</i> , 2022, 145, 106184. | 2.8 | 8 |
| 2 | Ceramide and Sphingosine-1-Phosphate in Neurodegenerative Disorders and Their Potential Involvement in Therapy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7806. | 4.1 | 8 |
| 3 | The role of Sphingolipids in myelination and myelin stability and their involvement in childhood and adult demyelinating disorders. <i>Journal of Neurochemistry</i> , 2021, 156, 403-414. | 3.9 | 41 |
| 4 | Extracellular Sphingosine-1-Phosphate Downstream of EGFR Increases Human Glioblastoma Cell Survival. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6824. | 4.1 | 4 |
| 5 | The Role of Sphingolipids in Cancer Immunotherapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6492. | 4.1 | 11 |
| 6 | A bidirectional crosstalk between glioblastoma and brain endothelial cells potentiates the angiogenic and proliferative signaling of sphingosine-1-phosphate in the glioblastoma microenvironment. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 1179-1192. | 2.4 | 12 |
| 7 | Membrane restructuring following in situ sialidase digestion of gangliosides: Complex model bilayers by synchrotron radiation reflectivity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 845-851. | 2.6 | 5 |
| 8 | Insights into the Binding of Cyclic RGD Peptidomimetics to $\alpha 5 \beta 1$ Integrin by using Live-Cell NMR And Computational Studies. <i>ChemistryOpen</i> , 2017, 6, 128-136. | 1.9 | 21 |
| 9 | Dexamethasone-Induced Skeletal Muscle Atrophy Increases O-GlcNAcylation in C2C12 Cells. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 1833-1842. | 2.6 | 26 |
| 10 | HSPH1 inhibition downregulates Bcl-6 and c-Myc and hampers the growth of human aggressive B-cell non-Hodgkin lymphoma. <i>Blood</i> , 2015, 125, 1768-1771. | 1.4 | 40 |
| 11 | Sphingosine Kinase 2 and Ceramide Transport as Key Targets of the Natural Flavonoid Luteolin to Induce Apoptosis in Colon Cancer Cells. <i>PLoS ONE</i> , 2015, 10, e0143384. | 2.5 | 35 |
| 12 | Protective role of 17- β -estradiol towards IL-6 leukocyte expression induced by intense training in young female athletes. <i>Journal of Sports Sciences</i> , 2014, 32, 452-461. | 2.0 | 18 |
| 13 | Sialidase NEU4 is involved in glioblastoma stem cell survival. <i>Cell Death and Disease</i> , 2014, 5, e1381-e1381. | 6.3 | 27 |
| 14 | Sphingolipids: Key Regulators of Apoptosis and Pivotal Players in Cancer Drug Resistance. <i>International Journal of Molecular Sciences</i> , 2014, 15, 4356-4392. | 4.1 | 94 |
| 15 | Gangliosides as a potential new class of stem cell markers: the case of GD1a in human bone marrow mesenchymal stem cells. <i>Journal of Lipid Research</i> , 2014, 55, 549-560. | 4.2 | 33 |
| 16 | Prevalence of a characteristic gene profile in high-level rhythmic gymnasts. <i>Journal of Sports Sciences</i> , 2014, 32, 1409-1415. | 2.0 | 17 |
| 17 | Autocrine/paracrine sphingosine-1-phosphate fuels proliferative and stemness qualities of glioblastoma stem cells. <i>Glia</i> , 2014, 62, 1968-1981. | 4.9 | 42 |
| 18 | Molecular subtyping of metastatic melanoma based on cell ganglioside metabolism profiles. <i>BMC Cancer</i> , 2014, 14, 560. | 2.6 | 30 |

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|----|---|------|-----------|
| 19 | Identification of lysosomal sialidase NEU1 and plasma membrane sialidase NEU3 in human erythrocytes. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 204-211. | 2.6 | 16 |
| 20 | Isolation and Characterization of 2 New Human Rotator Cuff and Long Head of Biceps Tendon Cells Possessing Stem Cell-Like Self-Renewal and Multipotential Differentiation Capacity. <i>American Journal of Sports Medicine</i> , 2013, 41, 1653-1664. | 4.2 | 63 |
| 21 | A proline-rich loop mediates specific functions of human sialidase NEU4 in SK-N-BE neuronal differentiation. <i>Glycobiology</i> , 2013, 23, 1499-1509. | 2.5 | 8 |
| 22 | NEU3 Sialidase Is Activated under Hypoxia and Protects Skeletal Muscle Cells from Apoptosis through the Activation of the Epidermal Growth Factor Receptor Signaling Pathway and the Hypoxia-inducible Factor (HIF)-1 α . <i>Journal of Biological Chemistry</i> , 2013, 288, 3153-3162. | 3.4 | 39 |
| 23 | Extracellular Sphingosine-1-Phosphate: A Novel Actor in Human Glioblastoma Stem Cell Survival. <i>PLoS ONE</i> , 2013, 8, e68229. | 2.5 | 42 |
| 24 | The Plasma Membrane Sialidase NEU3 Regulates the Malignancy of Renal Carcinoma Cells by Controlling β 1 Integrin Internalization and Recycling. <i>Journal of Biological Chemistry</i> , 2012, 287, 42835-42845. | 3.4 | 60 |
| 25 | The synthetic purine reversine selectively induces cell death of cancer cells. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 3207-3217. | 2.6 | 18 |
| 26 | NEU4L sialidase overexpression promotes β -catenin signaling in neuroblastoma cells, enhancing stem-like malignant cell growth. <i>International Journal of Cancer</i> , 2012, 131, 1768-1778. | 5.1 | 22 |
| 27 | MmNEU3 sialidase overexpression in C2C12 myoblasts delays differentiation and induces hypertrophic myotube formation. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 2967-2978. | 2.6 | 23 |
| 28 | HSP105 Inhibition Counteracts Key Oncogenic Pathways and Hampers the Growth of Human Aggressive B-Cell Non-Hodgkin Lymphoma. <i>Blood</i> , 2012, 120, 1562-1562. | 1.4 | 1 |
| 29 | Glycoglycerolipid analogues inhibit PKC translocation to the plasma membrane and downstream signaling pathways in PMA-treated fibroblasts and human glioblastoma cells, U87MG. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1827-1834. | 5.5 | 13 |
| 30 | Down regulation of membrane-bound Neu3 constitutes a new potential marker for childhood acute lymphoblastic leukemia and induces apoptosis suppression of neoplastic cells. <i>International Journal of Cancer</i> , 2010, 126, 337-349. | 5.1 | 39 |
| 31 | Complexity in Influenza Virus Targeted Drug Design: Interaction with Human Sialidases. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 2998-3002. | 6.4 | 62 |
| 32 | Silencing of membrane-associated sialidase Neu3 diminishes apoptosis resistance and triggers megakaryocytic differentiation of chronic myeloid leukemic cells K562 through the increase of ganglioside GM3. <i>Cell Death and Differentiation</i> , 2009, 16, 164-174. | 11.2 | 47 |
| 33 | Over-expression of mammalian sialidase NEU3 reduces Newcastle disease virus entry and propagation in COS7 cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 504-512. | 2.4 | 9 |
| 34 | NEU3 Sialidase Strictly Modulates GM3 Levels in Skeletal Myoblasts C2C12 Thus Favoring Their Differentiation and Protecting Them from Apoptosis. <i>Journal of Biological Chemistry</i> , 2008, 283, 36265-36271. | 3.4 | 44 |
| 35 | Expression of Sialidase Neu2 in Leukemic K562 Cells Induces Apoptosis by Impairing Bcr-Abl/Src Kinases Signaling. <i>Journal of Biological Chemistry</i> , 2007, 282, 14364-14372. | 3.4 | 47 |
| 36 | Reversine-treated fibroblasts acquire myogenic competence in vitro and in regenerating skeletal muscle. <i>Cell Death and Differentiation</i> , 2006, 13, 2042-2051. | 11.2 | 89 |

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|----|--|-----|-----------|
| 37 | Modification of sialidase levels and sialoglycoconjugate pattern during erythroid and erytroleukemic cell differentiation. <i>Glycoconjugate Journal</i> , 2006, 24, 67-79. | 2.7 | 17 |
| 38 | Erythrocyte glycohydrolases in subjects with trisomy 21: Could Down's syndrome be a model of accelerated ageing?. <i>Mechanisms of Ageing and Development</i> , 2006, 127, 324-331. | 4.6 | 10 |
| 39 | Erythrocyte membrane alterations during ageing affect α -glucuronidase and neutral sialidase in elderly healthy subjects. <i>Experimental Gerontology</i> , 2005, 40, 219-225. | 2.8 | 25 |
| 40 | Crystal Structure of the Human Cytosolic Sialidase Neu2. <i>Journal of Biological Chemistry</i> , 2005, 280, 469-475. | 3.4 | 148 |
| 41 | Properties of Recombinant Human Cytosolic Sialidase HsNEU2. <i>Journal of Biological Chemistry</i> , 2004, 279, 3169-3179. | 3.4 | 72 |
| 42 | The Plasma Membrane-associated Sialidase MmNEU3 Modifies the Ganglioside Pattern of Adjacent Cells Supporting Its Involvement in Cell-to-Cell Interactions. <i>Journal of Biological Chemistry</i> , 2004, 279, 16989-16995. | 3.4 | 130 |
| 43 | Acidic and neutral sialidase in the erythrocytes of patients with type 2 diabetes: an answer to comments by Richard et al. <i>Blood</i> , 2003, 101, 2071-2071. | 1.4 | 2 |
| 44 | Acidic and neutral sialidase in the erythrocyte membrane of type 2 diabetic patients. <i>Blood</i> , 2002, 99, 1064-1070. | 1.4 | 51 |
| 45 | Different behavior of ghost-linked acidic and neutral sialidases during human erythrocyte ageing. <i>Glycoconjugate Journal</i> , 2001, 18, 407-418. | 2.7 | 5 |