

# R Chammas

## List of Publications by Year in descending order

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256  
papers

5,574  
citations

71102

41  
h-index

138484

58  
g-index

266  
all docs

266  
docs citations

266  
times ranked

8383  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Tumor-derived microvesicles modulate the establishment of metastatic melanoma in a phosphatidylserine-dependent manner. <i>Cancer Letters</i> , 2009, 283, 168-175.   | 7.2  | 214       |
| 2  | Sialylation of $\alpha 1$ Integrins Blocks Cell Adhesion to Galectin-3 and Protects Cells against Galectin-3-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2008, 283, 22177-22185.  | 3.4  | 122       |
| 3  | Emerging technologies in extracellular vesicle-based molecular diagnostics. <i>Expert Review of Molecular Diagnostics</i> , 2014, 14, 307-321.  | 3.1  | 118       |
| 4  | <i>Toxoplasma gondii</i> Infection Reveals a Novel Regulatory Role for Galectin-3 in the Interface of Innate and Adaptive Immunity. <i>American Journal of Pathology</i> , 2006, 168, 1910-1920.  | 3.8  | 109       |
| 5  | Sialylation of $\alpha 21$ Integrins Blocks Cell Adhesion to Galectin-3 and Protects Cells against Galectin-3-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2008, 283, 22177-22185.   | 3.4  | 103       |
| 6  | The role of kinin receptors in cancer and therapeutic opportunities. <i>Cancer Letters</i> , 2014, 345, 27-38.  | 7.2  | 98        |
| 7  | Sialic Acid 9-O-Acetylation on Murine Erythroleukemia Cells Affects Complement Activation, Binding to I-type Lectins, and Tissue Homing. <i>Journal of Biological Chemistry</i> , 1996, 271, 31526-31532.   | 3.4  | 93        |
| 8  | Functionally distinct roles for glycosylation of alpha and beta integrin chains in cell-matrix interactions.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 1795-1799.                                     | 7.1  | 79        |
| 9  | Changes in the proteomic profile during differentiation and maturation of human monocyte-derived dendritic cells stimulated with granulocyte macrophage colony stimulating factor/interleukin-4 and lipopolysaccharide. <i>Proteomics</i> , 2005, 5, 1186-1198. | 2.2  | 74        |
| 10 | 14-3-3 protein in the CSF of patients with rapidly progressive dementia. <i>Neurology</i> , 2003, 61, 354-357.  | 1.1  | 69        |
| 11 | Asn-linked oligosaccharide-dependent interaction between laminin and gp120/140. An alpha 6/beta 1 integrin. <i>Journal of Biological Chemistry</i> , 1991, 266, 3349-55.  | 3.4  | 68        |
| 12 | Exploring the Distribution of Genetic Markers of Pharmacogenomics Relevance in Brazilian and Mexican Populations. <i>PLoS ONE</i> , 2014, 9, e112640.   | 2.5  | 67        |
| 13 | Galectin-3 Determines Tumor Cell Adaptive Strategies in Stressed Tumor Microenvironments. <i>Frontiers in Oncology</i> , 2016, 6, 127.  | 2.8  | 67        |
| 14 | An acidic component of the heterogeneous Tc-85 protein family from the surface of <i>Trypanosoma cruzi</i> is a laminin binding glycoprotein. <i>Molecular and Biochemical Parasitology</i> , 1994, 65, 85-94.  | 1.1  | 66        |
| 15 | Laminin and tenascin assembly and expression regulate HC11 mouse mammary cell differentiation. <i>Journal of Cell Science</i> , 1994, 107, 1031-1040.   | 2.0  | 66        |
| 16 | RNAi-DNA fibers and polygons with controlled immunorecognition activate RNAi, FRET and transcriptional regulation of NF- $\kappa$ B in human cells. <i>Nucleic Acids Research</i> , 2019, 47, 1350-1361.  | 14.5 | 64        |
| 17 | Melanocyte Transformation Associated with Substrate Adhesion Impediment. <i>Neoplasia</i> , 2006, 8, 231-241.   | 5.3  | 61        |
| 18 | Arg72Pro <i>TP53</i> polymorphism and cancer susceptibility: A comprehensive meta-analysis of 302 case-control studies. <i>International Journal of Cancer</i> , 2011, 129, 920-930.  | 5.1  | 61        |

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|----|--|-----|-----------|
| 19 | Expression of De-N-acetyl-gangliosides in Human Melanoma Cells Is Induced by Genistein or Nocodazole. <i>Journal of Biological Chemistry</i> , 1995, 270, 2921-2930.   | 3.4 | 56        |
| 20 | Altered Expression of Galectin-3 Induces Cortical Thymocyte Depletion and Premature Exit of Immature Thymocytes during <i>Trypanosoma cruzi</i> Infection. <i>American Journal of Pathology</i> , 2007, 170, 546-556.                                | 3.8 | 55        |
| 21 | Asn-linked oligosaccharide-dependent interaction between laminin and gp120/140. An alpha 6/beta 1 integrin.. <i>Journal of Biological Chemistry</i> , 1991, 266, 3349-3355.  | 3.4 | 55        |
| 22 | Linkage-specific Action of Endogenous Sialic Acid -Acetyltransferase in Chinese Hamster Ovary Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 15130-15138.  | 3.4 | 54        |
| 23 | XPC polymorphisms play a role in tissue-specific carcinogenesis: a meta-analysis. <i>European Journal of Human Genetics</i> , 2008, 16, 724-734.   | 2.8 | 54        |
| 24 | Galectin-3 Up-Regulation in Hypoxic and Nutrient Deprived Microenvironments Promotes Cell Survival. <i>PLoS ONE</i> , 2014, 9, e111592.  | 2.5 | 51        |
| 25 | Conserved Cysteines in the Sialyltransferase Sialylmotifs Form an Essential Disulfide Bond. <i>Journal of Biological Chemistry</i> , 2001, 276, 15200-15207.   | 3.4 | 50        |
| 26 | ADAM23 Negatively Modulates $\alpha 5 \beta 1$ Integrin Activation during Metastasis. <i>Cancer Research</i> , 2009, 69, 5546-5552.  | 0.9 | 50        |
| 27 | Malignant transformation in melanocytes is associated with increased production of procoagulant microvesicles. <i>Thrombosis and Haemostasis</i> , 2011, 106, 712-723.   | 3.4 | 50        |
| 28 | Germline mutations in BRCA1 and BRCA2 in epithelial ovarian cancer patients in Brazil. <i>BMC Cancer</i> , 2016, 16, 934.  | 2.6 | 50        |
| 29 | Docking, Synthesis and Antiproliferative Activity of N-Acylhydrazone Derivatives Designed as Combretastatin A4 Analogues. <i>PLoS ONE</i> , 2014, 9, e85380.   | 2.5 | 50        |
| 30 | Galectin-3 modulates carbohydrate-dependent thymocyte interactions with the thymic microenvironment. <i>European Journal of Immunology</i> , 2002, 32, 1434.   | 2.9 | 49        |
| 31 | Lack of Galectin-3 Drives Response to <i>Paracoccidioides brasiliensis</i> toward a Th2-Biased Immunity. <i>PLoS ONE</i> , 2009, 4, e4519.   | 2.5 | 49        |
| 32 | Inhibition of angiotensin II receptor 1 limits tumor-associated angiogenesis and attenuates growth of murine melanoma. <i>Cancer Chemotherapy and Pharmacology</i> , 2010, 66, 79-87.  | 2.3 | 49        |
| 33 | Glycosylation of $\beta 1$ integrins in B16-F10 mouse melanoma cells as determinant of differential binding and acquisition of biological activity. <i>International Journal of Cancer</i> , 1995, 61, 420-424.                                      | 5.1 | 48        |
| 34 | Extracellular matrix components of the mouse thymus microenvironment. IV. Modulation of thymic nurse cells by extracellular matrix ligands and receptors. <i>European Journal of Immunology</i> , 1994, 24, 659-664.                                 | 2.9 | 47        |
| 35 | Pre- and postnatal exposure of mice to concentrated urban PM2.5 decreases the number of alveoli and leads to altered lung function at an early stage of life. <i>Environmental Pollution</i> , 2018, 241, 511-520.                                   | 7.5 | 47        |
| 36 | Extracellular matrix components of the mouse thymic microenvironment. III. Thymic epithelial cells express the VLA6 complex that is involved in laminin-mediated interactions with thymocytes. <i>International Immunology</i> , 1993, 5, 1421-1430. | 4.0 | 46        |

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|----|---|------|-----------|
| 37 | Induction of sialic acid 9-O-acetylation by diverse gene products: Implications for the expression cloning of sialic acid O-acetyltransferases. <i>Glycobiology</i> , 1998, 8, 199-205.   | 2.5  | 46        |
| 38 | A gene expression profile related to immune dampening in the tumor microenvironment is associated with poor prognosis in gastric adenocarcinoma. <i>Journal of Gastroenterology</i> , 2014, 49, 1453-1466.  | 5.1  | 46        |
| 39 | Phosphatidylcholine-Derived Lipid Mediators: The Crosstalk Between Cancer Cells and Immune Cells. <i>Frontiers in Immunology</i> , 2022, 13, 768606.  | 4.8  | 45        |
| 40 | Lack of galectin-3 alters the balance of innate immune cytokines and confers resistance to <i>Rhodococcus equi</i> infection. <i>European Journal of Immunology</i> , 2008, 38, 2762-2775.  | 2.9  | 43        |
| 41 | Emerging Autophagy Functions Shape the Tumor Microenvironment and Play a Role in Cancer Progression - Implications for Cancer Therapy. <i>Frontiers in Oncology</i> , 2020, 10, 606436.   | 2.8  | 43        |
| 42 | Galectin-3 as an Immunohistochemical Tool to Distinguish Pilocytic Astrocytomas from Diffuse Astrocytomas, and Glioblastomas from Anaplastic Oligodendrogliomas. <i>Brain Pathology</i> , 2004, 14, 399-405.  | 4.1  | 42        |
| 43 | Galectin-3 regulates peritoneal B1-cell differentiation into plasma cells. <i>Glycobiology</i> , 2009, 19, 1248-1258.   | 2.5  | 42        |
| 44 | Galectin-3 disruption impaired tumoral angiogenesis by reducing VEGF secretion from TGF- $\beta$ 2-induced macrophages. <i>Cancer Medicine</i> , 2014, 3, 201-214.  | 2.8  | 42        |
| 45 | Kinetics of mobilization and differentiation of lymphohematopoietic cells during experimental murine schistosomiasis in galectin-3 <sup>-/-</sup> mice. <i>Journal of Leukocyte Biology</i> , 2007, 82, 300-310.  | 3.3  | 41        |
| 46 | Galectin-3 negatively regulates the frequency and function of CD4 <sup>+</sup> CD25 <sup>+</sup> FOXP3 <sup>+</sup> regulatory T cells and influences the course of <i>Leishmania major</i> infection. <i>European Journal of Immunology</i> , 2013, 43, 1806-1817. | 2.9  | 41        |
| 47 | Predominant role of DNA polymerase eta and p53-dependent translesion synthesis in the survival of ultraviolet-irradiated human cells. <i>Nucleic Acids Research</i> , 2017, 45, 1270-1280.  | 14.5 | 40        |
| 48 | Proteomic and SAGE profiling of murine melanoma progression indicates the reduction of proteins responsible for ROS degradation. <i>Proteomics</i> , 2006, 6, 1460-1470.  | 2.2  | 39        |
| 49 | Platelet-activating factor receptor (PAF-R)-dependent pathways control tumour growth and tumour response to chemotherapy. <i>BMC Cancer</i> , 2010, 10, 200.  | 2.6  | 39        |
| 50 | Transient inflammatory response induced by apoptotic cells is an important mediator of melanoma cell engraftment and growth. <i>International Journal of Cancer</i> , 2005, 114, 356-363.   | 5.1  | 38        |
| 51 | Expression of PAFR as Part of a Prosurvival Response to Chemotherapy: A Novel Target for Combination Therapy in Melanoma. <i>Mediators of Inflammation</i> , 2012, 2012, 1-6.   | 3.0  | 38        |
| 52 | A novel proteasome inhibitor acting in mitochondrial dysfunction, ER stress and ROS production. <i>Investigational New Drugs</i> , 2013, 31, 493-505.   | 2.6  | 38        |
| 53 | O-glycan sialylation alters galectin-3 subcellular localization and decreases chemotherapy sensitivity in gastric cancer. <i>Oncotarget</i> , 2016, 7, 83570-83587.   | 1.8  | 38        |
| 54 | Preclinical anticancer effectiveness of a fraction from <i>Casearia sylvestris</i> and its component Casearin X: in vivo and ex vivo methods and microscopy examinations. <i>Journal of Ethnopharmacology</i> , 2016, 186, 270-279.                                 | 4.1  | 37        |

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|----|---|------|-----------|
| 55 | Proteomic analysis of low- to high-grade astrocytomas reveals an alteration of the expression level of raf kinase inhibitor protein and nucleophosmin. <i>Proteomics</i> , 2010, 10, 2812-2821.   | 2.2  | 36        |
| 56 | Mitomycin C in pterygium treatment. <i>International Journal of Ophthalmology</i> , 2016, 9, 465-8.   | 1.1  | 36        |
| 57 | alpha6beta1-Integrin, a major cell surface carrier of beta1-6-branched oligosaccharides, mediates migration of EJ-ras-transformed fibroblasts on laminin-1 independently of its glycosylation state. <i>Cancer Research</i> , 1996, 56, 1682-9. | 0.9  | 36        |
| 58 | Platelet-activating factor (PAF) receptor as a promising target for cancer cell repopulation after radiotherapy. <i>Oncogenesis</i> , 2017, 6, e296-e296.   | 4.9  | 34        |
| 59 | Clinical implication of 14-3-3 epsilon expression in gastric cancer. <i>World Journal of Gastroenterology</i> , 2012, 18, 1531.   | 3.3  | 34        |
| 60 | Regulation of Sialic Acid 9-O-Acetylation during the Growth and Differentiation of Murine Erythroleukemia Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 31517-31525.   | 3.4  | 33        |
| 61 | Proteomic analysis of total cellular proteins of human neutrophils. <i>Proteome Science</i> , 2009, 7, 32.  | 1.7  | 33        |
| 62 | Galectin-3 plays a modulatory role in the life span and activation of murine neutrophils during early <i>Toxoplasma gondii</i> infection. <i>Immunobiology</i> , 2010, 215, 475-485.  | 1.9  | 33        |
| 63 | European ancestry and polymorphisms in DNA repair genes modify the risk of melanoma: A case-control study in a high UV index region in Brazil. <i>Journal of Dermatological Science</i> , 2011, 64, 59-66.                                      | 1.9  | 32        |
| 64 | Identification and Characterization of a Sialidase Released by the Salivary Gland of the Hematophagous Insect <i>Triatoma infestans</i> . <i>Journal of Biological Chemistry</i> , 1998, 273, 24575-24582.                                      | 3.4  | 31        |
| 65 | Downregulation of TNF- $\alpha$ and VEGF expression by Sp1 decoy oligodeoxynucleotides in mouse melanoma tumor. <i>Gene Therapy</i> , 2003, 10, 1992-1997.  | 4.5  | 31        |
| 66 | Coordinated expression of galectin-3 and galectin-3-binding sites in malignant mammary tumors: implications for tumor metastasis. <i>Glycobiology</i> , 2010, 20, 1341-1352.  | 2.5  | 30        |
| 67 | Structural and inhibitory properties of a plant proteinase inhibitor containing the RGD motif. <i>International Journal of Biological Macromolecules</i> , 2006, 40, 22-29.   | 7.5  | 29        |
| 68 | Safe therapeutics of murine melanoma model using a novel antineoplastic, the partially methylated mannogalactan from <i>Pleurotus eryngii</i> . <i>Carbohydrate Polymers</i> , 2017, 178, 95-104.   | 10.2 | 29        |
| 69 | Extracellular Vesicles Shedding Promotes Melanoma Growth in Response to Chemotherapy. <i>Scientific Reports</i> , 2019, 9, 14482.   | 3.3  | 29        |
| 70 | Integrins and Metastases: An Overview. <i>Tumor Biology</i> , 1991, 12, 309-320.  | 1.8  | 27        |
| 71 | De-N-acetyl-gangliosides in humans: unusual subcellular distribution of a novel tumor antigen. <i>Cancer Research</i> , 1999, 59, 1337-46.  | 0.9  | 27        |
| 72 | Differential Proteomic Analysis of Noncardia Gastric Cancer from Individuals of Northern Brazil. <i>PLoS ONE</i> , 2012, 7, e42255.   | 2.5  | 26        |

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|----|---|-----|-----------|
| 73 | Blocking FGF2 with a new specific monoclonal antibody impairs angiogenesis and experimental metastatic melanoma, suggesting a potential role in adjuvant settings. <i>Cancer Letters</i> , 2016, 371, 151-160.  | 7.2 | 26        |
| 74 | Uptake and incorporation of an epitope-tagged sialic acid donor into intact rat liver Golgi compartments. Functional localization of sialyltransferase overlaps with beta-galactosyltransferase but not with sialic acid O-acetyltransferase.. <i>Molecular Biology of the Cell</i> , 1996, 7, 1691-1707. | 2.1 | 25        |
| 75 | Association between the p27 rs2066827 variant and tumor multiplicity in patients harboring MEN1 germline mutations. <i>European Journal of Endocrinology</i> , 2014, 171, 335-342.  | 3.7 | 25        |
| 76 | Characterization ofLGALS3(galectin-3) as a player in DNA damage response. <i>Cancer Biology and Therapy</i> , 2014, 15, 840-850.  | 3.4 | 25        |
| 77 | Cardiac dysfunction in Pkd1-deficient mice with phenotype rescue by galectin-3 knockout. <i>Kidney International</i> , 2016, 90, 580-597.   | 5.2 | 25        |
| 78 | Exercise training reverses cancer-induced oxidative stress and decrease in muscle COPS2/TRIP15/ALIEN. <i>Molecular Metabolism</i> , 2020, 39, 101012.   | 6.5 | 25        |
| 79 | Somatic mutations in early onset luminal breast cancer. <i>Oncotarget</i> , 2018, 9, 22460-22479.   | 1.8 | 25        |
| 80 | Lack of Galectin-3 Disturbs Mesenteric Lymph Node Homeostasis and B Cell Niches in the Course of <i>Schistosoma mansoni</i> Infection. <i>PLoS ONE</i> , 2011, 6, e19216.   | 2.5 | 24        |
| 81 | NFAT1 transcription factor is central in the regulation of tissue microenvironment for tumor metastasis. <i>Cancer Immunology, Immunotherapy</i> , 2011, 60, 537-546.   | 4.2 | 24        |
| 82 | Sialylation regulates galectin-3/ligand interplay during mammary tumour progression - a case of targeted uncloaking. <i>International Journal of Developmental Biology</i> , 2011, 55, 823-834.   | 0.6 | 24        |
| 83 | Anti-tumor effect of endostatin mediated by retroviral gene transfer in mice bearing renal cell carcinoma. <i>FASEB Journal</i> , 2007, 21, 3153-3161.  | 0.5 | 23        |
| 84 | MicroRNA-195 acts as an anti-proliferative miRNA in human melanoma cells by targeting Prohibitin 1. <i>BMC Cancer</i> , 2017, 17, 750.  | 2.6 | 23        |
| 85 | Emerging targets for combination therapy in melanomas. <i>FEBS Letters</i> , 2015, 589, 3438-3448.  | 2.8 | 21        |
| 86 | RNA-Seq transcriptome analysis shows anti-tumor actions of melatonin in a breast cancer xenograft model. <i>Scientific Reports</i> , 2019, 9, 966.  | 3.3 | 21        |
| 87 | The lysosomal-associated membrane protein LAMP-1 is a novel differentiation marker for HC11 mouse mammary epithelial cells. <i>Differentiation</i> , 1996, 61, 113-120.   | 1.9 | 20        |
| 88 | Biological Applications of a Chimeric Probe for the Assessment of Galectin-3 Ligands. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 1015-1026.   | 2.5 | 20        |
| 89 | p27 variant and corticotropinoma susceptibility: a genetic and in vitro study. <i>Endocrine-Related Cancer</i> , 2014, 21, 395-404.   | 3.1 | 20        |
| 90 | Antitumour Efficacy of Piper tuberculatum and Piplartine Based on the Hollow Fiber Assay. <i>Planta Medica</i> , 2014, 81, 15-19.   | 1.3 | 20        |

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|-----|--|------|-----------|
| 91  | Intratumoral heterogeneity of ADAM23 promotes tumor growth and metastasis through LGI4 and nitric oxide signals. <i>Oncogene</i> , 2015, 34, 1270-1279.  | 5.9  | 20        |
| 92  | Galectin-3 Regulates the Expression of Tumor Glycosaminoglycans and Increases the Metastatic Potential of Breast Cancer. <i>Journal of Oncology</i> , 2019, 2019, 1-15.  | 1.3  | 20        |
| 93  | Endostatin gene therapy enhances the efficacy of IL-2 in suppressing metastatic renal cell carcinoma in mice. <i>Cancer Immunology, Immunotherapy</i> , 2010, 59, 1357-1365.   | 4.2  | 19        |
| 94  | Cationic technetium and rhenium complexes with pendant carbohydrates. <i>Applied Radiation and Isotopes</i> , 2010, 68, 1087-1093.   | 1.5  | 19        |
| 95  | Binding Affinity, Specificity and Comparative Biodistribution of the Parental Murine Monoclonal Antibody MX35 (Anti-NaPi2b) and Its Humanized Version Rebma200. <i>PLoS ONE</i> , 2015, 10, e0126298.                                      | 2.5  | 19        |
| 96  | Novel Primate-Specific Genes, RMEL 1, 2 and 3, with Highly Restricted Expression in Melanoma, Assessed by New Data Mining Tool. <i>PLoS ONE</i> , 2010, 5, e13510.   | 2.5  | 19        |
| 97  | Accumulation of prohibitin is a common cellular response to different stressing stimuli and protects melanoma cells from ER stress and chemotherapy-induced cell death. <i>Oncotarget</i> , 2017, 8, 43114-43129.                          | 1.8  | 19        |
| 98  | The International Society of RNA Nanotechnology and Nanomedicine (ISRNN): The Present and Future of the Burgeoning Field. <i>ACS Nano</i> , 2021, 15, 16957-16973.   | 14.6 | 19        |
| 99  | Toxicity of spike fragments SARS-CoV-2 S protein for zebrafish: A tool to study its hazardous for human health?. <i>Science of the Total Environment</i> , 2022, 813, 152345.  | 8.0  | 19        |
| 100 | Cloning of a Thymic Stromal Cell Capable of Protecting Thymocytes from Apoptosis. <i>Cellular Immunology</i> , 1995, 161, 173-180.   | 3.0  | 18        |
| 101 | [ <sup>99m</sup> Tc(CO) <sub>3</sub> ]-Radiolabeled Bevacizumab: In vitro and in vivo Evaluation in a Melanoma Model. <i>Oncology</i> , 2013, 84, 200-209.   | 1.9  | 18        |
| 102 | Oncogenic effects of PAFR ligands produced in tumours upon chemotherapy and radiotherapy. <i>Nature Reviews Cancer</i> , 2017, 17, 253-253.  | 28.4 | 18        |
| 103 | Association between Polymorphisms in Inflammatory Response-Related Genes and the Susceptibility, Progression and Prognosis of the Diffuse Histological Subtype of Gastric Cancer. <i>Genes</i> , 2018, 9, 631.                             | 2.4  | 18        |
| 104 | Simultaneous silencing of lysophosphatidylcholine acyltransferases 1-4 by nucleic acid nanoparticles (NANPs) improves radiation response of melanoma cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 36, 102418. | 3.3  | 18        |
| 105 | The involvement of the spleen during chronic phase of <i>Schistosoma mansoni</i> infection in galectin-3 <sup>-/-</sup> mice. <i>Histology and Histopathology</i> , 2012, 27, 1109-20.   | 0.7  | 18        |
| 106 | PAF Receptor and Tumor Growth. <i>Current Drug Targets</i> , 2014, 15, 982-987.  | 2.1  | 18        |
| 107 | Deregulated expression of annexin-A2 and galectin-3 is associated with metastasis in gastric cancer patients. <i>Clinical and Experimental Medicine</i> , 2015, 15, 415-420.   | 3.6  | 17        |
| 108 | Amblyomin-X induces ER stress, mitochondrial dysfunction, and caspase activation in human melanoma and pancreatic tumor cell. <i>Molecular and Cellular Biochemistry</i> , 2016, 415, 119-131.   | 3.1  | 17        |

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|-----|---|------|-----------|
| 109 | Galectin-3 sensitized melanoma cell lines to vemurafenib (PLX4032) induced cell death through prevention of autophagy. <i>Oncotarget</i> , 2018, 9, 14567-14579.  | 1.8  | 17        |
| 110 | Managing oncology clinical trials during COVID-19 pandemic. <i>Contemporary Clinical Trials Communications</i> , 2020, 19, 100637.  | 1.1  | 17        |
| 111 | Cell internalization of 7-ketocholesterol-containing nanoemulsion through LDL receptor reduces melanoma growth <i>in vitro</i> and <i>in vivo</i> : a preliminary report. <i>Oncotarget</i> , 2018, 9, 14160-14174.                         | 1.8  | 17        |
| 112 | De novo galectin-3 expression influences the response of melanoma cells to isatin-Schiff base copper (II) complex-induced oxidative stimulus. <i>Chemico-Biological Interactions</i> , 2013, 206, 37-46.                                    | 4.0  | 16        |
| 113 | Deregulated expression of Nucleophosmin 1 in gastric cancer and its clinicopathological implications. <i>BMC Gastroenterology</i> , 2014, 14, 9.  | 2.0  | 16        |
| 114 | Antimicrobial peptide LL-37 participates in the transcriptional regulation of melanoma cells. <i>Journal of Cancer</i> , 2016, 7, 2341-2345.  | 2.5  | 16        |
| 115 | Lack of galectin-3 modifies differentially Notch ligands in bone marrow and spleen stromal cells interfering with B cell differentiation. <i>Scientific Reports</i> , 2018, 8, 3495.  | 3.3  | 16        |
| 116 | Green does not always mean go: A sulfated galactan from <i>Codium isthmocladum</i> green seaweed reduces melanoma metastasis through direct regulation of malignancy features. <i>Carbohydrate Polymers</i> , 2020, 250, 116869.            | 10.2 | 16        |
| 117 | Lack of galectin-3 up-regulates IgA expression by peritoneal B1 lymphocytes during B cell differentiation. <i>Cell and Tissue Research</i> , 2016, 363, 411-426.  | 2.9  | 15        |
| 118 | Technetium-99m- or Cy7-Labeled Rituximab as an Imaging Agent for Non-Hodgkin Lymphoma. <i>Oncology</i> , 2017, 92, 229-242.   | 1.9  | 15        |
| 119 | Metformin impairs cisplatin resistance effects in A549 lung cancer cells through mTOR signaling and other metabolic pathways. <i>International Journal of Oncology</i> , 2021, 58, .  | 3.3  | 15        |
| 120 | Rethinking approaches of science, technology, and innovation in healthcare during the COVID-19 pandemic: the challenge of translating knowledge infrastructures to public needs. <i>Health Research Policy and Systems</i> , 2021, 19, 104. | 2.8  | 15        |
| 121 | Plasma Exosome-Derived microRNAs as Potential Diagnostic and Prognostic Biomarkers in Brazilian Pancreatic Cancer Patients. <i>Biomolecules</i> , 2022, 12, 769.  | 4.0  | 15        |
| 122 | Hyperthermia increases the metastatic potential of murine melanoma. <i>Brazilian Journal of Medical and Biological Research</i> , 1997, 30, 941-945.  | 1.5  | 14        |
| 123 | Guanosine promotes B16F10 melanoma cell differentiation through PKC-ERK 1/2 pathway. <i>Chemico-Biological Interactions</i> , 2008, 173, 122-128.   | 4.0  | 14        |
| 124 | The deficiency of galectin-3 in stromal cells leads to enhanced tumor growth and bone marrow metastasis. <i>BMC Cancer</i> , 2016, 16, 636.   | 2.6  | 14        |
| 125 | Synthesis of hydrophilic HYNIC-[1,2,4,5]tetrazine conjugates and their use in antibody pretargeting with <sup>99m</sup> Tc. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5275-5285.  | 2.8  | 14        |
| 126 | The Promigratory Activity of the Matricellular Protein Galectin-3 Depends on the Activation of PI-3 Kinase. <i>PLoS ONE</i> , 2011, 6, e29313.  | 2.5  | 14        |



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|-----|--|-----|-----------|
| 127 | Prohibitin Expression Deregulation in Gastric Cancer Is Associated with the 3' Untranslated Region 1630 C&T Polymorphism and Copy Number Variation. PLoS ONE, 2014, 9, e98583.   | 2.5 | 14        |
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