

# Glaucia Maria Machado-Santelli

## List of Publications by Year in descending order

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82  
papers

6,399  
citations

257101

24  
h-index

69108

77  
g-index

84  
all docs

84  
docs citations

84  
times ranked

15743  
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.	4.3	4,701
2	The multiple facets of drug resistance: one history, different approaches. <i>Journal of Experimental and Clinical Cancer Research</i> , 2014, 33, 37.	3.5	119
3	Collagen Hydrolysate Intake Increases Skin Collagen Expression and Suppresses Matrix Metalloproteinase 2 Activity. <i>Journal of Medicinal Food</i> , 2011, 14, 618-624.	0.8	91
4	Cinnamic acid induces apoptotic cell death and cytoskeleton disruption in human melanoma cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2013, 32, 31.	3.5	78
5	The geodiamolide H, derived from brazilian sponge <i>Geodia corticostylifera</i> , regulates actin cytoskeleton, migration and invasion of breast cancer cells cultured in three-dimensional environment. <i>Journal of Cellular Physiology</i> , 2008, 216, 583-594.	2.0	68
6	Genetic damage in exfoliated cells from oral mucosa of individuals exposed to X-rays during panoramic dental radiographies. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2004, 562, 111-117.	0.9	62
7	Genotoxic effects of X-rays on keratinized mucosa cells during panoramic dental radiography. <i>Dentomaxillofacial Radiology</i> , 2008, 37, 398-403.	1.3	51
8	Copper removal using a heavy-metal resistant microbial consortium in a fixed-bed reactor. <i>Water Research</i> , 2014, 62, 156-166.	5.3	51
9	Decreased expression of ADAMTS-1 in human breast tumors stimulates migration and invasion. <i>Molecular Cancer</i> , 2013, 12, 2.	7.9	50
10	MCF-7 Cells as a Three-Dimensional Model for the Study of Human Breast Cancer. <i>Tissue Engineering - Part C: Methods</i> , 2011, 17, 1097-1107.	1.1	47
11	Biomonitoring of nurses handling antineoplastic drugs. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1994, 322, 203-208.	1.2	45
12	Cytoskeleton alterations induced by <i>Geodia corticostylifera</i> depsipeptides in breast cancer cells. <i>Peptides</i> , 2006, 27, 2047-2057.	1.2	42
13	Genetic Damage in Exfoliated Cells of the Uterine Cervix. <i>Acta Cytologica</i> , 1998, 42, 639-649.	0.7	41
14	Effects of caffeine and siloxanetriol alginate caffeine, as anticellulite agents, on fatty tissue: histological evaluation. <i>Journal of Cosmetic Dermatology</i> , 2008, 7, 23-29.	0.8	38
15	Effect of a calcium-channel blocker (verapamil) on the morphology, cytoskeleton and collagenase activity of human skin fibroblasts. <i>Burns</i> , 2011, 37, 616-625.	1.1	36
16	Chemical synthesis, structure-activity relationship, and properties of shepherdin I: a fungicidal peptide enriched in glycine-glycine-histidine motifs. <i>Amino Acids</i> , 2014, 46, 2573-2586.	1.2	34
17	Exogenous Cx43 expression decrease cell proliferation rate in rat hepatocarcinoma cells independently of functional gap junction. <i>Cancer Cell International</i> , 2009, 9, 22.	1.8	33
18	Nop53p, an essential nucleolar protein that interacts with Nop17p and Nip7p, is required for pre-rRNA processing in <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 2005, 272, 4450-4463.	2.2	32

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19	Cell death and lumen formation in spheroids of MCF-7 cells. <i>Cell Biology International</i> , 2010, 34, 267-274.	1.4	30
20	Chrysotile effects on human lung cell carcinoma in culture: 3-D reconstruction and DNA quantification by image analysis. <i>BMC Cancer</i> , 2008, 8, 181.	1.1	28
21	Nop53p interacts with 5.8S rRNA co-transcriptionally, and regulates processing of pre-rRNA by the exosome. <i>FEBS Journal</i> , 2008, 275, 4164-4178.	2.2	27
22	Effects of marine organisms extracts on microtubule integrity and cell cycle progression in cultured cells. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 313, 125-137.	0.7	26
23	<i>Mycoplasma synoviae</i> cell invasion: Elucidation of the <i>Mycoplasma</i> pathogenesis in chicken. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2011, 34, 41-47.	0.7	25
24	7-Epiclusianone, a Benzophenone Extracted from <i>Garcinia brasiliensis</i> (Clusiaceae), Induces Cell Cycle Arrest in G1/S Transition in A549 Cells. <i>Molecules</i> , 2015, 20, 12804-12816.	1.7	25
25	Toxicological insights of Spike fragments SARS-CoV-2 by exposure environment: A threat to aquatic health?. <i>Journal of Hazardous Materials</i> , 2021, 419, 126463.	6.5	24
26	Molecular cloning, expression analysis and cellular localization of gomesin, an anti-microbial peptide from hemocytes of the spider <i>Acanthoscurria gomesiana</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2003, 33, 1011-1016.	1.2	23
27	Invasion of <i>Ureaplasma diversum</i> in bovine spermatozooids. <i>BMC Research Notes</i> , 2011, 4, 455.	0.6	23
28	Topical Verapamil as a Scar Modulator. <i>Aesthetic Plastic Surgery</i> , 2014, 38, 968-975.	0.5	23
29	Replication and transcription in the course of DNA amplification of the C3 and C8 DNA puffs of <i>Rhynchosciara americana</i> . <i>Mechanisms of Development</i> , 1991, 36, 59-66.	1.7	22
30	Independent of ErbB1 gene copy number, EGF stimulates migration but is not associated with cell proliferation in non-small cell lung cancer. <i>Cancer Cell International</i> , 2013, 13, 38.	1.8	22
31	Sdo1p, the yeast orthologue of Shwachman-Bodian-Diamond syndrome protein, binds RNA and interacts with nuclear rRNA-processing factors. <i>Yeast</i> , 2009, 26, 287-298.	0.8	21
32	Mutational analyses of the signals involved in the subcellular location of DSCR1. <i>BMC Cell Biology</i> , 2002, 3, 24.	3.0	21
33	Molecular characterization of the B-2 DNA puff gene of <i>Rhynchosciara americana</i> . <i>Chromosoma</i> , 2004, 113, 167-76.	1.0	21
34	Using fluorescence for improvement of the quantitative analysis of micronucleus in cell culture. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2005, 565, 173-179.	0.9	21
35	Collagen peptides modulate the metabolism of extracellular matrix by human dermal fibroblasts derived from sun-protected and sun-exposed body sites. <i>Cell Biology International</i> , 2018, 42, 95-104.	1.4	21
36	The Fate of Chrysotile-Induced Multipolar Mitosis and Aneuploid Population in Cultured Lung Cancer Cells. <i>PLoS ONE</i> , 2011, 6, e18600.	1.1	20

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37	Graphene oxide-based nanomaterial interaction with human breast cancer cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 863-870.	2.1	20
38	Multipolar mitosis and aneuploidy after chrysotile treatment: a consequence of abscission failure and cytokinesis regression. <i>Oncotarget</i> , 2016, 7, 8979-8992.	0.8	19
39	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.	3.9	19
40	Invasion of <i>Ureaplasma diversum</i> in Hep-2 cells. <i>BMC Microbiology</i> , 2010, 10, 83.	1.3	18
41	Developmental changes in the ploidy of mouse implanting trophoblast cells in vitro. <i>Histochemistry and Cell Biology</i> , 2003, 119, 189-198.	0.8	17
42	Retinoic acid and cAMP inhibit rat hepatocellular carcinoma cell proliferation and enhance cell differentiation. <i>Brazilian Journal of Medical and Biological Research</i> , 2012, 45, 721-729.	0.7	17
43	<i>Ureaplasma diversum</i> and Its Membrane-Associated Lipoproteins Activate Inflammatory Genes Through the NF- $\kappa$ B Pathway via Toll-Like Receptor 4. <i>Frontiers in Microbiology</i> , 2018, 9, 1538.	1.5	15
44	Histological evaluation of hair follicle due to papain's depilatory effect. <i>International Journal of Pharmaceutics</i> , 2007, 335, 163-166.	2.6	14
45	Cell death and tissue reorganization in <i>Rhynchosciara americana</i> (Sciaridae: Diptera) metamorphosis and their relation to molting hormone titers. <i>Arthropod Structure and Development</i> , 2014, 43, 511-522.	0.8	14
46	Sulfated glycosaminoglycans of cells grown in culture: Dermatan sulfate disappearance in successive fibroblast subcultures. <i>Cell Differentiation</i> , 1978, 7, 367-374.	1.3	13
47	Alterations in F-actin distribution in cells treated with melatonin. <i>Journal of Pineal Research</i> , 1997, 23, 169-175.	3.4	11
48	Salivary system in leaf-cutting ants ( <i>Atta sexdens rubropilosa</i> Forel, 1908) castes: A confocal study. <i>Micron</i> , 2008, 39, 1222-1227.	1.1	11
49	In vitro transcription by isolated nuclei of <i>Rhynchosciara americana</i> salivary glands. <i>Chromosoma</i> , 1976, 56, 69-84.	1.0	10
50	Sulfated glycosaminoglycans of cultured fibroblasts from guinea-pig embryo kidney. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1980, 629, 259-265.	1.1	10
51	Comparative analysis of colchicine induced micronuclei in different cell types in vitro. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1996, 349, 77-83.	0.4	10
52	Analysis of expressed sequence tags from <i>Rhynchosciara americana</i> salivary glands. <i>Insect Molecular Biology</i> , 2006, 15, 109-118.	1.0	10
53	Apoptosis in HEp-2 cells infected with <i>Ureaplasma diversum</i> . <i>Biological Research</i> , 2014, 47, 38.	1.5	10
54	Molecular characterization of a retrotransposon in the <i>Rhynchosciara americana</i> genome and its association with telomere. <i>Chromosome Research</i> , 2008, 16, 729-742.	1.0	9

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55	Mariner-like elements in <i>Rhynchosciara americana</i> (Sciaridae) genome: molecular and cytological aspects. <i>Genetica</i> , 2008, 133, 137-145.	0.5	9
56	Pterocarpanes induce tumor cell death through persistent mitotic arrest during prometaphase. <i>Biochimie</i> , 2014, 104, 147-155.	1.3	9
57	Biological effects of an oxyphytosterol generated by $\hat{1}^2$ -Sitosterol ozonization. <i>Archives of Biochemistry and Biophysics</i> , 2020, 696, 108654.	1.4	9
58	Marine sponge depsipeptide increases gap junction length in HTC cells transfected with Cx43â€“GFP. <i>Cell Biology International Reports</i> , 2010, 17, 13-18.	0.6	7
59	Antitumor effect of chiral organotelluranes elicited in a murine melanoma model. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2537-2545.	1.4	7
60	Distribution of repetitive DNA sequences in the polytene chromosomes of <i>Rhynchosciara americana</i> . <i>Experientia</i> , 1979, 35, 474-475.	1.2	6
61	The R2 mobile element of <i>Rhynchosciara americana</i> : Molecular, cytological and dynamic aspects. <i>Chromosome Research</i> , 2009, 17, 455-467.	1.0	6
62	Molecular characterization of a putative heat shock protein cognate gene in <i>Rhynchosciara americana</i> . <i>Chromosome Research</i> , 2009, 17, 935-945.	1.0	6
63	Targeting the Oncogenic TBX2 Transcription Factor With Chromomycins. <i>Frontiers in Chemistry</i> , 2020, 8, 110.	1.8	6
64	A tetraprenylated benzophenone 7-epiclusianone induces cell cycle arrest at G1/S transition by modulating critical regulators of cell cycle in breast cancer cell lines. <i>Toxicology in Vitro</i> , 2020, 68, 104927.	1.1	6
65	Cytotoxicity in the marine dinoflagellate <i>Prorocentrum mexicanum</i> from Brazil. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 143, 73-77.	1.3	5
66	Normal and defective mariner-like elements in <i>Rhynchosciara</i> species (Sciaridae, Diptera). <i>Genetics and Molecular Research</i> , 2010, 9, 849-857.	0.3	5
67	Rananos expression pattern during oogenesis and early embryonic development in <i>Rhynchosciara americana</i> . <i>Development Genes and Evolution</i> , 2012, 222, 153-164.	0.4	5
68	Cell cycle synchronization and BrdU incorporation as a tool to study the possible selective elimination of ErbB1 gene in the micronuclei in A549 cells. <i>Brazilian Journal of Medical and Biological Research</i> , 2015, 48, 382-391.	0.7	5
69	Molecular characterization of a mariner-like element in the <i>Atta sexdens rubropilosa</i> genome. <i>Genetics and Molecular Research</i> , 2012, 11, 1475-1485.	0.3	4
70	Sequential determination of immunocytochemical estrogen receptor and nuclear DNA content in fine needle biopsies from breast carcinoma. <i>Breast Cancer Research and Treatment</i> , 1991, 19, 39-46.	1.1	3
71	Changes in cell morphology affect the quantification of intercellular communication. <i>Micron</i> , 2008, 39, 631-634.	1.1	3
72	Sulfated glycosaminoglycan and collagen patterns in parietal yolk sac carcinoma (PYSC). <i>Cell Differentiation</i> , 1982, 11, 99-106.	1.3	2

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73	Alterations in cellular force parameters and cell projections in Nasal polyps-derived fibroblasts. <i>Auris Nasus Larynx</i> , 2020, 47, 98-104.	0.5	2
74	Action of hydroxyurea on chromosome physiology in <i>Rhynchosciara angelae</i> . <i>Genetica</i> , 1978, 48, 131-135.	0.5	1
75	Diphenylhydantoin and mitotic spindle abnormalities in cultured mouse and human cells. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1987, 187, 91-97.	1.2	1
76	Cytoskeletal organization of bee ovarian follicles during oogenesis. <i>Micron</i> , 2011, 42, 55-59.	1.1	1
77	Abstract 481: The role of jaspamide in the actin cytoskeleton of melanoma cells: The relation between migration and invasion. <i>Cancer Research</i> , 2012, 72, 481-481.	0.4	1
78	Molecular and morphological approach to study the innexin gap junctions in <i>Rhynchosciara americana</i> . <i>Open Biology</i> , 2021, 11, 210224.	1.5	1
79	The histone genes cluster in <i>Rhynchosciara americana</i> and its transcription profile in salivary glands during larval development. <i>Genetics and Molecular Biology</i> , 2016, 39, 580-588.	0.6	0
80	Abstract 3189: Morphological and molecular study of cell-chrysotile interaction in two different cell lines. , 2014, , .		0
81	Abstract 2844: Cell senescence and antitumor potential of 7-epiclusianone in human breast cancer cell lines cultured in monolayer and as spheroids. , 2016, , .		0
82	Three-dimensional cell culture for the study of nasal polyps. <i>Brazilian Journal of Otorhinolaryngology</i> , 2021, , .	0.4	0