

Maria Grazia Bottone

List of Publications by Year in descending order

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77
papers

1,655
citations

257357

24
h-index

345118

36
g-index

80
all docs

80
docs citations

80
times ranked

4087
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(ADP-ribose) Polymerase Cleavage during Apoptosis: When and Where?. <i>Experimental Cell Research</i> , 2001, 269, 193-201.	1.2	136
2	Fluorine ion-implanted polystyrene improves growth and viability of vascular smooth muscle cells in culture. <i>Journal of Biomedical Materials Research Part B</i> , 2000, 49, 369-379.	3.0	69
3	Morphological Features of Organelles during Apoptosis: An Overview. <i>Cells</i> , 2013, 2, 294-305.	1.8	60
4	Nuclear RNA Is Extruded from Apoptotic Cells. <i>Journal of Histochemistry and Cytochemistry</i> , 1998, 46, 999-1005.	1.3	56
5	Rearrangement of nuclear ribonucleoprotein (RNP)-containing structures during apoptosis and transcriptional arrest. <i>Biology of the Cell</i> , 2004, 96, 603-615.	0.7	54
6	Variations in chromatin structure in host nuclei of a vesicular arbuscular mycorrhiza. <i>New Phytologist</i> , 1990, 114, 199-205.	3.5	48
7	Resveratrol-procyanidin blend: nutraceutical and antiaging efficacy evaluated in a placebo-controlled, double-blind study. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2012, 5, 159.	0.8	46
8	Still Immunodetectable Nuclear RNPs Are Extruded from the Cytoplasm of Spontaneously Apoptotic Thymocytes. <i>Experimental Cell Research</i> , 1997, 234, 512-520.	1.2	44
9	Nuclear ribonucleoprotein-containing structures undergo severe rearrangement during spontaneous thymocyte apoptosis. A morphological study by electron microscopy. <i>Histochemistry and Cell Biology</i> , 1997, 107, 331-336.	0.8	41
10	An unsymmetric cisplatin-based Pt($\text{Cl}_2\text{P}(\text{C}_8\text{H}_{17})_2$) derivative containing 2-(2-propynyl)octanoate: a very efficient multi-action antitumor prodrug candidate. <i>Dalton Transactions</i> , 2017, 46, 14174-14185.	1.6	39
11	<i>Hericium erinaceus</i> Improves Recognition Memory and Induces Hippocampal and Cerebellar Neurogenesis in Frail Mice during Aging. <i>Nutrients</i> , 2019, 11, 715.	1.7	39
12	Cell proliferation, apoptosis and mitochondrial damage in rat B50 neuronal cells after cisplatin treatment. <i>Cell Proliferation</i> , 2008, 41, 506-520.	2.4	37
13	Mitochondrial fusion: A mechanism of cisplatin-induced resistance in neuroblastoma cells?. <i>NeuroToxicology</i> , 2013, 34, 51-60.	1.4	36
14	Proliferation and migration of granule cells in the developing rat cerebellum: Cisplatin effects. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2005, 287A, 1226-1235.	2.0	34
15	Apoptosis in tumour cells photosensitized with Rose Bengal acetate is induced by multiple organelle photodamage. <i>Histochemistry and Cell Biology</i> , 2007, 128, 485-495.	0.8	33
16	Response to UV-C radiation in topo I-deficient carrot cells with low ascorbate levels. <i>Journal of Experimental Botany</i> , 2010, 61, 575-585.	2.4	33
17	The developmental neurotoxicity study of platinum compounds. Effects of cisplatin versus a novel Pt(II) complex on rat cerebellum. <i>Neurotoxicology and Teratology</i> , 2011, 33, 273-281.	1.2	33
18	DADLE induces a reversible hibernation-like state in HeLa cells. <i>Histochemistry and Cell Biology</i> , 2006, 125, 193-201.	0.8	32

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19	Pulmonary and hepatic effects after low dose exposure to nanosilver: Early and long-lasting histological and ultrastructural alterations in rat. <i>Toxicology Reports</i> , 2019, 6, 1047-1060.	1.6	32
20	Dopaminergic Phenotype Induced by Oestrogens in a Human Neuroblastoma Cell Line. <i>European Journal of Neuroscience</i> , 1997, 9, 1008-1016.	1.2	31
21	Changes in extranucleolar transcription during actinomycin D-induced apoptosis. <i>Histology and Histopathology</i> , 2005, 20, 107-117.	0.5	31
22	Two-color fluorescence detection of Poly (ADP-Ribose) Polymerase-1 (PARP-1) cleavage and DNA strand breaks in etoposide-induced apoptotic cells. <i>European Journal of Histochemistry</i> , 2009, 45, 389.	0.6	30
23	Cell proliferation and death in the brain of active and hibernating frogs. <i>Journal of Anatomy</i> , 2009, 215, 124-131.	0.9	27
24	Platinum drugs and neurotoxicity: effects on intracellular calcium homeostasis. <i>Cell Biology and Toxicology</i> , 2013, 29, 339-353.	2.4	27
25	Neuroprotective Metabolites of <i>Hericium erinaceus</i> Promote Neuro-Healthy Aging. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6379.	1.8	27
26	Identification of resting cells by dual-parameter flow cytometry of statin expression and DNA content. <i>Cytometry</i> , 1995, 21, 329-337.	1.8	25
27	The Golgi apparatus is a primary site of intracellular damage after photosensitization with Rose Bengal acetate. <i>European Journal of Histochemistry</i> , 2004, 48, 443.	0.6	24
28	The effect of the enkephalin DADLE on transcription does not depend on opioid receptors. <i>Histochemistry and Cell Biology</i> , 2006, 126, 189-197.	0.8	24
29	Enzyme-assisted photosensitization with rose Bengal acetate induces structural and functional alteration of mitochondria in HeLa cells. <i>Histochemistry and Cell Biology</i> , 2007, 127, 263-271.	0.8	23
30	Multiple effects of paclitaxel are modulated by a high c-myc amplification level. <i>Experimental Cell Research</i> , 2003, 290, 49-59.	1.2	21
31	Novel Medicinal Mushroom Blend as a Promising Supplement in Integrative Oncology: A Multi-Tiered Study using 4T1 Triple-Negative Mouse Breast Cancer Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3479.	1.8	20
32	Changes of Mitochondria and Relocation of the Apoptosis-Inducing Factor during Apoptosis. <i>Annals of the New York Academy of Sciences</i> , 2009, 1171, 12-17.	1.8	18
33	Long-term effects after treatment with platinum compounds, cisplatin and [Pt(O, O ² -acac)(³ -acac)(DMS)]: Autophagy activation in rat B50 neuroblastoma cells. <i>Toxicology and Applied Pharmacology</i> , 2019, 364, 1-11.	1.3	18
34	Spontaneous Apoptosis of Thymocytes Is Uncoupled with Progression through the Cell Cycle. <i>Experimental Cell Research</i> , 1996, 229, 370-377.	1.2	17
35	Sex related differences in the adhesion, migration, and growth of rat aortic smooth muscle cells in culture. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1997, 33, 410-413.	0.7	17
36	Deeper and Deeper on the Role of BK and Kir4.1 Channels in Glioblastoma Invasiveness: A Novel Summative Mechanism?. <i>Frontiers in Neuroscience</i> , 2020, 14, 595664.	1.4	17

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37	Different patterns of apoptosis in response to cisplatin in B50 neuroblastoma rat cells. <i>Histology and Histopathology</i> , 2011, 26, 831-42.	0.5	16
38	Searching for a Longevity Food, We Bump into <i>Herichium erinaceus</i> Primordium Rich in Ergothioneine: The "Longevity Vitamin" Improves Locomotor Performances during Aging. <i>Nutrients</i> , 2022, 14, 1177.	1.7	16
39	Nuclear phospholipids in human lymphocytes activated by phytohemagglutinin. <i>European Journal of Cell Biology</i> , 1999, 78, 416-423.	1.6	15
40	A new platinum-based prodrug candidate: Its anticancer effects in B50 neuroblastoma rat cells. <i>Life Sciences</i> , 2018, 210, 166-176.	2.0	15
41	Sinusoidal 50 Hz magnetic fields do not affect structural morphology and proliferation of human cells in vitro. <i>Histology and Histopathology</i> , 2001, 16, 719-26.	0.5	13
42	Dynamic relocation of nuclear proteins during the execution phase of apoptosis. <i>Biochemical Pharmacology</i> , 2008, 76, 1440-1450.	2.0	12
43	Enzyme-assisted photosensitization activates different apoptotic pathways in Rose Bengal acetate treated HeLa cells. <i>Histochemistry and Cell Biology</i> , 2009, 131, 391-399.	0.8	12
44	Effects of Cisplatin in Neuroblastoma Rat Cells: Damage to Cellular Organelles. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-6.	1.0	12
45	Changes in cell cycle and chromatin distribution in C6 glioma cells treated by dibutyryl cyclic AMP. <i>Cell Proliferation</i> , 1991, 24, 569-577.	2.4	11
46	[Pt(O,O'-acac)(¹³ C-acac)(DMS)]: Alternative Strategies to Overcome Cisplatin-Induced Side Effects and Resistance in T98G Glioma Cells. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 563-587.	1.7	11
47	A sex-related difference in the hypertrophic versus hyperplastic response of vascular smooth muscle cells to repeated passaging in culture. <i>Histology and Histopathology</i> , 2001, 16, 675-84.	0.5	11
48	Different apoptotic responses and patterns in adhering and floating neoplastic cell cultures: effects of microtubule antagonists. <i>Histochemistry and Cell Biology</i> , 2003, 119, 77-90.	0.8	10
49	Intranuclear microtubules are hallmarks of an unusual form of cell death in cisplatin-treated C6 glioma cells. <i>Histochemistry and Cell Biology</i> , 2006, 125, 183-191.	0.8	10
50	Intracellular distribution of Tankyrases as detected by multicolor immunofluorescence techniques. <i>European Journal of Histochemistry</i> , 2012, 56, 4.	0.6	10
51	Developmental expression of cellular prion protein and apoptotic molecules in the rat cerebellum: Effects of platinum compounds. <i>Journal of Chemical Neuroanatomy</i> , 2012, 46, 19-29.	1.0	10
52	Cerebellum neurotransmission during postnatal development: [Pt(O, O'-acac)(¹³ C-acac)(DMS)] vs cisplatin and neurotoxicity. <i>International Journal of Developmental Neuroscience</i> , 2015, 40, 24-34.	0.7	10
53	Characterization for anti-cytoplasmic antibodies specificity by morphological and molecular techniques. <i>Autoimmunity Highlights</i> , 2012, 3, 79-85.	3.9	9
54	New Platinum-Based Prodrug Pt(IV)Ac-POA: Antitumour Effects in Rat C6 Glioblastoma Cells. <i>Neurotoxicity Research</i> , 2020, 37, 183-197.	1.3	9

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55	A New Platinum-Based Prodrug Candidate for Chemotherapy and Its Synergistic Effect With Hadrontherapy: Novel Strategy to Treat Glioblastoma. <i>Frontiers in Neuroscience</i> , 2021, 15, 589906.	1.4	9
56	Oxidative Stress Response in Telomerase-Immortalized Fibroblasts from a Centenarian. <i>Annals of the New York Academy of Sciences</i> , 2006, 1091, 94-101.	1.8	8
57	Distribution of Centromeric Proteins and PARP α 1 during Mitosis and Apoptosis. <i>Annals of the New York Academy of Sciences</i> , 2009, 1171, 32-37.	1.8	8
58	Nuclear localization of phosphorylated c-Myc protein in human tumor cells.. <i>European Journal of Histochemistry</i> , 2010, 46, 377-80.	0.6	8
59	Hypocrellin-B acetate as a fluorogenic substrate for enzyme-assisted cell photosensitization. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1783.	1.6	8
60	Cisplatin induces changes in the matrix metalloproteinases and their inhibitors in the developing rat cerebellum. <i>Brain Research</i> , 2012, 1484, 15-28.	1.1	8
61	<i>cis,cis,trans</i> -[Pt ^{IV} Cl ₂ (NH ₃) ₂ (perillato) ₂], a dual-action prodrug with excellent cytotoxic and antimetastatic activity. <i>Dalton Transactions</i> , 2021, 50, 3161-3177.	1.6	8
62	Regulated forms of cell death are induced by the photodynamic action of the fluorogenic substrate, Hypocrellin B-acetate. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 125, 90-97.	1.7	7
63	Neurotoxic Effects of Platinum Compounds: Studies in vivo on Intracellular Calcium Homeostasis in the Immature Central Nervous System. <i>Toxics</i> , 2015, 3, 224-248.	1.6	7
64	[Pt(O ₂ -acac)(¹³ C-acac)(DMS)] versus cisplatin: apoptotic effects in B50 neuroblastoma cells. <i>Histochemistry and Cell Biology</i> , 2016, 145, 587-601.	0.8	7
65	Squaring the Circle: A New Study of Inward and Outward-Rectifying Potassium Currents in U251 GBM Cells. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 813-828.	1.7	7
66	Bivariate flow cytometric analysis of DNA content versus immunopositivity for ribonucleotide reductase M1 subunit in the cell cycle. , 1998, 32, 78-85.		6
67	Effects of water pollution on the proliferative activity in the developing frog brain. <i>Italian Journal of Zoology</i> , 2004, 71, 89-93.	0.6	6
68	Analysis of ERK3 intracellular localization: dynamic distribution during mitosis and apoptosis. <i>European Journal of Histochemistry</i> , 2015, 59, 2571.	0.6	6
69	Prolidase enzyme is required for extracellular matrix integrity and impacts on postnatal cerebellar cortex development. <i>Journal of Comparative Neurology</i> , 2020, 528, 65-84.	0.9	6
70	Editorial: Brain Cancers: New Perspectives and Therapies. <i>Frontiers in Neuroscience</i> , 2022, 16, 857408.	1.4	6
71	Proliferation characteristics and polyploidization of cultured myofibroblasts from a patient with fibroblastic rheumatism. <i>European Journal of Histochemistry</i> , 2003, 47, 257.	0.6	5
72	Cisplatin-related drugs for nongenomic targets: Forcing the reactivity with nucleobases. <i>Pure and Applied Chemistry</i> , 2012, 85, 355-364.	0.9	5

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73	MULTIPARAMETRIC ASSESSMENT OF THE CELL-CYCLE EFFECTS OF TAMOXIFEN ON MCF-7 HUMAN BREAST-CANCER CELLS. <i>Oncology Reports</i> , 1994, 1, 739-45.	1.2	5
74	Changes in the cerebellar cytoarchitecture of hibernating hedgehog <i>Erinaceus europaeus</i> L. (Mammalia): an immunocytochemical approach. , 2017, 84, 496-511.		4
75	Administration of the antitumor drug mitoguazone protects normal thymocytes against spontaneous and etoposide-induced apoptosis. <i>Cellular and Molecular Life Sciences</i> , 2004, 61, 2767-2773.	2.4	2
76	From a Medicinal Mushroom Blend a Direct Anticancer Effect on Triple-Negative Breast Cancer: A Preclinical Study on Lung Metastases. <i>Molecules</i> , 2020, 25, 5400.	1.7	2
77	In Vivo and In Vitro Immunohistochemical Visualization of Neural Cell Apoptosis and Autophagy. <i>Neuromethods</i> , 2015, , 153-178.	0.2	1