

Antonella Muscella

List of Publications by Year in descending order

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92
papers

2,048
citations

236833

25
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289141

40
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all docs

94
docs citations

94
times ranked

2495
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiotensin II activates extracellular signal regulated kinases via protein kinase C and epidermal growth factor receptor in breast cancer cells. <i>Journal of Cellular Physiology</i> , 2003, 196, 370-377.	2.0	106
2	Astrocytes are the major intracerebral source of macrophage inflammatory protein-3 β /CCL20 in relapsing experimental autoimmune encephalomyelitis and in vitro. <i>Glia</i> , 2003, 41, 290-300.	2.5	105
3	Angiotensin II stimulation of Na ⁺ /K ⁺ ATPase activity and cell growth by calcium-independent pathway in MCF-7 breast cancer cells. <i>Journal of Endocrinology</i> , 2002, 173, 315-323.	1.2	96
4	The effects of exercise training on lipid metabolism and coronary heart disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H76-H88.	1.5	80
5	[Pt(O,O-bisacetylacetonato)(dimethylsulfoxide)] ₂ , a new Pt compound exerting fast cytotoxicity in MCF-7 breast cancer cells via the mitochondrial apoptotic pathway. <i>British Journal of Pharmacology</i> , 2008, 153, 34-49.	2.7	68
6	CCL20 induces migration and proliferation on breast epithelial cells. <i>Journal of Cellular Physiology</i> , 2013, 228, 1873-1883.	2.0	65
7	The Regulation of Fat Metabolism during Aerobic Exercise. <i>Biomolecules</i> , 2020, 10, 1699.	1.8	60
8	The platinum (II) complex [Pt(O,O-bisacetylacetonato)(dimethylsulfoxide)] ₂ alters the intracellular calcium homeostasis in MCF-7 breast cancer cells. <i>Biochemical Pharmacology</i> , 2011, 81, 91-103.	2.0	56
9	TGF β 1 activates RSC96 Schwann cells migration and invasion through MMP2 and MMP9 activities. <i>Journal of Neurochemistry</i> , 2020, 153, 525-538.	2.1	52
10	PKC ζ is required for angiotensin II-induced activation of ERK and synthesis of C-FOS in MCF-7 cells. <i>Journal of Cellular Physiology</i> , 2003, 197, 61-68.	2.0	50
11	Bradykinin stimulates cell proliferation through an extracellular-regulated kinase 1 and 2-dependent mechanism in breast cancer cells in primary culture. <i>Journal of Endocrinology</i> , 2005, 186, 291-301.	1.2	47
12	Angiotensin II receptors in the gill of sea water- and freshwater-adapted eel. <i>Journal of Molecular Endocrinology</i> , 1997, 18, 67-76.	1.1	46
13	Activation of P2Y2 receptor induces c-FOS protein through a pathway involving mitogen-activated protein kinases and phosphoinositide 3-kinases in HeLa cells. <i>Journal of Cellular Physiology</i> , 2003, 195, 234-240.	2.0	45
14	Mitogenic signalling by B2 bradykinin receptor in epithelial breast cells. <i>Journal of Cellular Physiology</i> , 2004, 201, 84-96.	2.0	45
15	New platinum(II) complexes containing both an O,O-bisacetylacetonato ligand and a sulfur ligand in the platinum coordination sphere induce apoptosis in HeLa cervical carcinoma cells. <i>Biochemical Pharmacology</i> , 2007, 74, 28-40.	2.0	45
16	New water-soluble platinum(II) phenanthroline complexes tested as cisplatin analogues: first-time comparison of cytotoxic activity between analogous four- and five-coordinate species. <i>Dalton Transactions</i> , 2006, , 5077.	1.6	42
17	AT1 angiotensin II receptor subtype in the human larynx and squamous laryngeal carcinoma. <i>Cancer Letters</i> , 1996, 110, 19-27.	3.2	39
18	Sublethal concentrations of the platinum(II) complex [Pt(O,O-bisacetylacetonato)(dimethylsulfoxide)] ₂ alter the motility and induce anoikis in MCF-7 cells. <i>British Journal of Pharmacology</i> , 2010, 160, 1362-1377.	2.7	36

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19	Activation of angiotensin II type I receptor promotes protein kinase C translocation and cell proliferation in human cultured breast epithelial cells. <i>Journal of Endocrinology</i> , 2002, 174, 205-214.	1.2	35
20	Paracrine CCL20 loop induces epithelial-mesenchymal transition in breast epithelial cells. <i>Molecular Carcinogenesis</i> , 2016, 55, 1175-1186.	1.3	30
21	A monoclonal antibody to mammalian angiotensin II AT1 receptor recognizes one of the angiotensin II receptor isoforms expressed by the eel (<i>Anguilla anguilla</i>). <i>Journal of Molecular Endocrinology</i> , 1996, 16, 45-56.	1.1	28
22	PKC- μ -dependent cytosol-to-membrane translocation of pendrin in rat thyroid PC Cl3 cells. <i>Journal of Cellular Physiology</i> , 2008, 217, 103-112.	2.0	28
23	The signalling axis mediating neuronal apoptosis in response to [Pt(O,O- ϵ^2 -acac)(3 -acac)(DMS)]. <i>Biochemical Pharmacology</i> , 2011, 81, 1271-1285.	2.0	28
24	Differential signalling of purinoceptors in HeLa cells through the extracellular signal-regulated kinase and protein kinase C pathways. <i>Journal of Cellular Physiology</i> , 2004, 200, 428-439.	2.0	26
25	AT1 Angiotensin II receptor mediates intracellular calcium mobilization in normal and cancerous breast cells in primary culture. <i>Cell Calcium</i> , 2002, 32, 1-10.	1.1	25
26	Increase of [Ca ²⁺] _i via activation of ATP receptors in PC-Cl3 rat thyroid cell line. <i>Cellular Signalling</i> , 2002, 14, 61-67.	1.7	25
27	A new platinum(II) compound anticancer drug candidate with selective cytotoxicity for breast cancer cells. <i>Cell Death and Disease</i> , 2013, 4, e796-e796.	2.7	25
28	PKC- δ /PKC- ζ activity balance regulates the lethal effects of cisplatin. <i>Biochemical Pharmacology</i> , 2015, 98, 29-40.	2.0	25
29	CCL20 promotes migration and invasiveness of human cancerous breast epithelial cells in primary culture. <i>Molecular Carcinogenesis</i> , 2017, 56, 2461-2473.	1.3	25
30	Response of Cisplatin Resistant Skov-3 Cells to [Pt(O,O- ϵ^2 -Acac)(3 -Acac)(DMS)] Treatment Revealed by a Metabolomic 1H-NMR Study. <i>Molecules</i> , 2018, 23, 2301.	1.7	24
31	Human larynx expresses isoforms of the oestrogen receptor. <i>Cancer Letters</i> , 1996, 99, 191-196.	3.2	23
32	Enzyme-linked immunosorbent assay of HER-2/neu gene product (p185) in breast cancer: its correlation with sex steroid receptors, cathepsin D and histologic grades. <i>Cancer Letters</i> , 1993, 75, 195-206.	3.2	22
33	Na ⁺ /K ⁺ -ATPase activity inhibition and isoform-specific translocation of protein kinase C following angiotensin II administration in isolated eel enterocytes. <i>Journal of Endocrinology</i> , 2001, 168, 339-346.	1.2	19
34	Effects of extracellular nucleotides in the thyroid: P2Y2 receptor-mediated ERK1/2 activation and c-Fos induction in PC Cl3 cells. <i>Cellular Signalling</i> , 2005, 17, 739-749.	1.7	18
35	[Pt(O,O- ϵ^2 -acac)(3 -acac)(DMS)] Alters SH-SY5Y Cell Migration and Invasion by the Inhibition of Na ⁺ /H ⁺ Exchanger Isoform 1 Occurring through a PKC- μ /ERK/mTOR Pathway. <i>PLoS ONE</i> , 2014, 9, e112186.	1.1	18
36	The Impact of Physical Exercise on the Circulating Levels of BDNF and NT 4/5: A Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8814.	1.8	18

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37	Activation of P2Y2 purinoceptor inhibits the activity of the Na ⁺ /K ⁺ -ATPase in HeLa cells. Cellular Signalling, 2003, 15, 115-121.	1.7	17
38	Anti-apoptotic effects of protein kinase C δ and c δ fos in cisplatin-treated thyroid cells. British Journal of Pharmacology, 2009, 156, 751-763.	2.7	17
39	Antitumor activity of [Pt(O ₂ -acac)(³ -acac)(DMS)] in mouse xenograft model of breast cancer. Cell Death and Disease, 2014, 5, e1014-e1014.	2.7	17
40	Angiotensin II AT1 receptor stimulates Na ⁺ + K ⁺ + atpase activity through a pathway involving pkc δ in rat thyroid cells. Journal of Physiology, 2003, 546, 461-470.	1.3	16
41	Angiotensin II AT1 receptors and Na ⁺ /K ⁺ ATPase in human umbilical vein endothelial cells. Journal of Endocrinology, 1997, 155, 587-593.	1.2	16
42	Angiotensin II modulates the activity of the Na ⁺ /K ⁺ ATPase in eel kidney. Journal of Endocrinology, 2000, 165, 147-156.	1.2	15
43	Oxidized Alginate Dopamine Conjugate: In Vitro Characterization for Nose-to-Brain Delivery Application. Materials, 2021, 14, 3495.	1.3	15
44	Effects of Aquatic Training in Children with Autism Spectrum Disorder. Biology, 2022, 11, 657.	1.3	15
45	Differential response of normal, dedifferentiated and transformed thyroid cell lines to cisplatin treatment. Biochemical Pharmacology, 2005, 71, 50-60.	2.0	14
46	Atypical PKC- δ and PKC- δ 1 mediate opposing effects on MCF-7 Na ⁺ /K ⁺ ATPase activity. Journal of Cellular Physiology, 2005, 205, 278-285.	2.0	14
47	Differential functions of PKC- δ and PKC- δ 1 in cisplatin response of normal and transformed thyroid cells. Biochemical and Biophysical Research Communications, 2005, 337, 297-305.	1.0	14
48	Functions of epidermal growth factor receptor in cisplatin response of thyroid cells. Biochemical Pharmacology, 2009, 77, 979-992.	2.0	14
49	Different apoptotic effects of [Pt(O ₂ -acac)(³ -acac)(DMS)] and cisplatin on normal and cancerous human epithelial breast cells in primary culture. British Journal of Pharmacology, 2014, 171, 5139-5153.	2.7	14
50	Retrospective protein expression and epigenetic inactivation studies of CDH1 in patients affected by low-grade glioma. Journal of Neuro-Oncology, 2011, 104, 113-118.	1.4	13
51	Synthesis, Crystal Structure, and Biological Study of Pt ^{II} Complexes with 4 β -Acylpyrazolones. European Journal of Inorganic Chemistry, 2014, 2014, 1249-1259.	1.0	13
52	Antitumour and antiangiogenic activities of [Pt(O ₂ -acac)(³ -acac)(DMS)] in a xenograft model of human renal cell carcinoma. British Journal of Pharmacology, 2016, 173, 2633-2644.	2.7	13
53	Is mitochondrial DNA profiling predictive for athletic performance?. Mitochondrion, 2019, 47, 125-138.	1.6	13
54	Angiotensin II stimulation of the basolateral located Na ⁺ /H ⁺ antiporter in eel (Anguilla anguilla) enterocytes. Journal of Molecular Endocrinology, 1996, 16, 57-62.	1.1	12

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55	Immunolocalisation of angiotensin II receptors in icefish (<i>Chionodraco hamatus</i>) tissues. <i>Journal of Endocrinology</i> , 1997, 154, 193-200.	1.2	12
56	Synthesis and Evaluation of the Cytotoxic Activity of Water-Soluble Cationic Organometallic Complexes of the Type $[Pt(\bar{1}\text{-C}_2\text{H}_4\text{OMe})(L)(\text{Phen})]^+$ (L = NH ₃ , DMSO; Phen = 1,10-Phenanthroline). <i>Pharmaceutics</i> , 2021, 13, 642.	2.0	12
57	Differential Expression of ADP/ATP Carriers as a Biomarker of Metabolic Remodeling and Survival in Kidney Cancers. <i>Biomolecules</i> , 2021, 11, 38.	1.8	12
58	$[Pt(O,O\text{-}\bar{2}\text{-acac})(\bar{3}\text{-acac})(\text{DMS})]$, a new Pt compound exerting fast cytotoxicity in MCF-7 breast cancer cells via the mitochondrial apoptotic pathway. <i>British Journal of Pharmacology</i> , 2008, 153, 175-175.	2.7	11
59	Transbulbar B-Mode Sonography in Multiple Sclerosis: Clinical and Biological Relevance. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 3037-3042.	0.7	11
60	Inhibition of ZL55 cell proliferation by ADP via PKC-dependent signalling pathway. <i>Journal of Cellular Physiology</i> , 2018, 233, 2526-2536.	2.0	11
61	The effects of training on hormonal concentrations in young soccer players. <i>Journal of Cellular Physiology</i> , 2019, 234, 20685-20693.	2.0	11
62	Dexamethasone modulates the activity of the eel branchial Na ⁺ /K ⁺ ATPase in both chloride and pavement cells. <i>Life Sciences</i> , 2000, 66, 1663-1673.	2.0	10
63	Effects of cisplatin on matrix metalloproteinase-2 in transformed thyroid cells. <i>Biochemical Pharmacology</i> , 2010, 79, 810-816.	2.0	10
64	In Vitro and In Vivo Antitumor Activity of $[Pt(O,O\text{-}\bar{2}\text{-acac})(\bar{3}\text{-acac})(\text{DMS})]$ in Malignant Pleural Mesothelioma. <i>PLoS ONE</i> , 2016, 11, e0165154.	1.1	10
65	Adenosine diphosphate regulates MMP2 and MMP9 activity in malignant mesothelioma cells. <i>Annals of the New York Academy of Sciences</i> , 2018, 1431, 72-84.	1.8	10
66	Effects of 5-Week of FIFA 11+ Warm-Up Program on Explosive Strength, Speed, and Perception of Physical Exertion in Elite Female Futsal Athletes. <i>Sports</i> , 2022, 10, 100.	0.7	9
67	Multiple isoforms of the oestrogen receptor in endometrial cancer. <i>Journal of Molecular Endocrinology</i> , 1995, 14, 365-374.	1.1	8
68	Disturbances in purinergic $[Ca^{2+}]_i$ signaling pathways in a transformed rat thyroid cell line. <i>Cell Calcium</i> , 2003, 33, 59-68.	1.1	8
69	Bradykinin stimulates prostaglandin E ₂ release in human skeletal muscular fibroblasts. <i>Molecular and Cellular Endocrinology</i> , 2020, 507, 110771.	1.6	8
70	Effects of a physical activity intervention on schoolchildren fitness. <i>Physiological Reports</i> , 2022, 10, e15115.	0.7	8
71	The Effects of Verbal Encouragement during a Soccer Dribbling Circuit on Physical and Psychophysiological Responses: An Exploratory Study in a Physical Education Setting. <i>Children</i> , 2022, 9, 907.	0.6	8
72	Paliperidone for the Treatment of Ketamine-Induced Psychosis: A Case Report. <i>International Journal of Psychiatry in Medicine</i> , 2014, 48, 103-108.	0.8	7

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73	Biological, Psychological, and Physical Performance Variations in Football Players during the COVID-19 Lockdown: A Prospective Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2739.	1.2	7
74	The sarcoplasmic endoplasmic reticulum Ca ²⁺ ATPase 2b regulates the Ca ²⁺ transients elicited by P2Y ₂ activation in PC Cl3 thyroid cells. <i>Journal of Endocrinology</i> , 2006, 190, 641-649.	1.2	6
75	Apoptosis by [Pt(OAc) ₂ (acac)(DMS)] requires PKC- ζ mediated p53 activation in malignant pleural mesothelioma. <i>PLoS ONE</i> , 2017, 12, e0181114.	1.1	6
76	[Pt(OAc) ₂ (acac)(DMS)] Induces Autophagy in Caki-1 Renal Cancer Cells. <i>Biomolecules</i> , 2019, 9, 92.	1.8	6
77	The effects of training on hormonal concentrations and physical performance of football referees. <i>Physiological Reports</i> , 2021, 9, e14740.	0.7	6
78	Cisplatin-related drugs for nongenomic targets: Forcing the reactivity with nucleobases. <i>Pure and Applied Chemistry</i> , 2012, 85, 355-364.	0.9	5
79	Synthesis, characterization and cytotoxicity of novel Pt(II) H_2O -acetylacetonate complexes with nitrogen ligands. <i>Inorganica Chimica Acta</i> , 2014, 412, 88-93.	1.2	5
80	A NMR-Based Metabolomic Approach to Investigate the Antitumor Effects of the Novel [Pt(H -1-C ₂ H ₄ OMe)(DMSO)(phen)] ⁺ (phen = 1,10-Phenanthroline) Compound on Neuroblastoma Cancer Cells. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-13.	1.8	5
81	Antitumor and antimigration effects of a new Pt compound on neuroblastoma cells. <i>Biochemical Pharmacology</i> , 2022, 202, 115124.	2.0	5
82	Angiotensin II stimulates the exchanger in human umbilical vein endothelial cells via AT ₁ receptor. <i>Life Sciences</i> , 1999, 65, 2385-2394.	2.0	4
83	Referees' physical performance over a soccer season. <i>Sport Sciences for Health</i> , 2020, 16, 765-773.	0.4	4
84	Antitumor and antimigration effects of <i>Salvia clandestina</i> L. extract on osteosarcoma cells. <i>Annals of the New York Academy of Sciences</i> , 2021, 1500, 34-47.	1.8	4
85	Effects of training on plasmatic cortisol and testosterone in football female referees. <i>Physiological Reports</i> , 2022, 10, e15291.	0.7	4
86	EFFECT OF TUMOR SIZE ON THE ASSOCIATION BETWEEN PS2 AND CATHEPSIN-D IN PRIMARY BREAST-CANCER. <i>International Journal of Oncology</i> , 1995, 6, 69-73.	1.4	3
87	Muscarinic acetylcholine receptor activation induces Ca ²⁺ mobilization and Na ⁺ /K ⁺ -ATPase activity inhibition in eel enterocytes. <i>Journal of Endocrinology</i> , 2002, 173, 325-334.	1.2	3
88	Role of epidermal growth factor receptor signaling in a Pt(II)-resistant human breast cancer cell line. <i>Biochemical Pharmacology</i> , 2021, 192, 114702.	2.0	3
89	Angiotensin II does not stimulate proliferation of rat thyroid PC Cl3 cell line. <i>Journal of Endocrinology</i> , 2006, 191, 727-735.	1.2	2
90	Adaptation of the Questionnaire on Teacher Interaction in Tunisia: Teaching Strategies to Promote Sustainable Education in Schools. <i>Sustainability</i> , 2022, 14, 2489.	1.6	2

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91	A Practical Approach to Assessing Physical Freshness: Utility of a Simple Perceived Physical Freshness Status Scale. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5836.	1.2	2
92	ADP sensitizes ZL55 cells to the activity of cisplatin. <i>Journal of Cellular Physiology</i> , 2019, 234, 4409-4417.	2.0	1