

# Antonella Muscella

## List of Publications by Year in descending order

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92  
papers

2,048  
citations

236833

25  
h-index

289141

40  
g-index

94  
all docs

94  
docs citations

94  
times ranked

2495  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of a physical activity intervention on schoolchildren fitness. <i>Physiological Reports</i> , 2022, 10, e15115.	0.7	8
2	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
3	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
4	Effects of Aquatic Training in Children with Autism Spectrum Disorder. <i>Biology</i> , 2022, 11, 657.	1.3	15
5	Effects of training on plasmatic cortisol and testosterone in football female referees. <i>Physiological Reports</i> , 2022, 10, e15291.	0.7	4
6	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
7	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
8	A NMR-Based Metabolomic Approach to Investigate the Antitumor Effects of the Novel [Pt( $\eta$ -1-C <sub>2</sub> H <sub>4</sub> OMe)(DMSO)(phen)] <sup>+</sup> (phen = 1,10-Phenanthroline) Compound on Neuroblastoma Cancer Cells. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-13.	1.8	5
9	Antitumor and antimigration effects of a new Pt compound on neuroblastoma cells. <i>Biochemical Pharmacology</i> , 2022, 202, 115124.	2.0	5
10	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
11	The effects of training on hormonal concentrations and physical performance of football referees. <i>Physiological Reports</i> , 2021, 9, e14740.	0.7	6
12	Synthesis and Evaluation of the Cytotoxic Activity of Water-Soluble Cationic Organometallic Complexes of the Type [Pt( $\eta$ -1-C <sub>2</sub> H <sub>4</sub> OMe)(L)(Phen)] <sup>+</sup> (L = NH <sub>3</sub> , DMSO; Phen = 1,10-Phenanthroline). <i>Pharmaceutics</i> , 2021, 13, 642.	2.0	12
13	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
14	Oxidized Alginate Dopamine Conjugate: In Vitro Characterization for Nose-to-Brain Delivery Application. <i>Materials</i> , 2021, 14, 3495.	1.3	15
15	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
16	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
17	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
18	TGF $\beta$ <sup>1</sup> activates RSC96 Schwann cells migration and invasion through MMP <sup>2</sup> and MMP <sup>9</sup> activities. <i>Journal of Neurochemistry</i> , 2020, 153, 525-538.	2.1	52

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19	Referees' physical performance over a soccer season. <i>Sport Sciences for Health</i> , 2020, 16, 765-773.	0.4	4
20	Bradykinin stimulates prostaglandin E2 release in human skeletal muscular fibroblasts. <i>Molecular and Cellular Endocrinology</i> , 2020, 507, 110771.	1.6	8
21	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
22	The Regulation of Fat Metabolism during Aerobic Exercise. <i>Biomolecules</i> , 2020, 10, 1699.	1.8	60
23	ADP sensitizes ZL55 cells to the activity of cisplatin. <i>Journal of Cellular Physiology</i> , 2019, 234, 4409-4417.	2.0	1
24	Is mitochondrial DNA profiling predictive for athletic performance?. <i>Mitochondrion</i> , 2019, 47, 125-138.	1.6	13
25	The effects of training on hormonal concentrations in young soccer players. <i>Journal of Cellular Physiology</i> , 2019, 234, 20685-20693.	2.0	11
26	[Pt(O, <sup>18</sup> O-acac)( <sup>13</sup> C-acac)(DMS)] Induces Autophagy in Caki-1 Renal Cancer Cells. <i>Biomolecules</i> , 2019, 9, 92.	1.8	6
27	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
28	Response of Cisplatin Resistant Skov-3 Cells to [Pt(O, <sup>18</sup> O-acac)( <sup>13</sup> C-acac)(DMS)] Treatment Revealed by a Metabolomic 1H-NMR Study. <i>Molecules</i> , 2018, 23, 2301.	1.7	24
29	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
30	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
31	Apoptosis by [Pt(O, <sup>18</sup> O-acac)( <sup>13</sup> C-acac)(DMS)] requires PKC- $\eta$ mediated p53 activation in malignant pleural mesothelioma. <i>PLoS ONE</i> , 2017, 12, e0181114.	1.1	6
32	In Vitro and In Vivo Antitumor Activity of [Pt(O, <sup>18</sup> O-acac)( <sup>13</sup> C-acac)(DMS)] in Malignant Pleural Mesothelioma. <i>PLoS ONE</i> , 2016, 11, e0165154.	1.1	10
33	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
34	Antitumour and antiangiogenic activities of [Pt(O, <sup>18</sup> O-acac)( <sup>13</sup> C-acac)(DMS)] in a xenograft model of human renal cell carcinoma. <i>British Journal of Pharmacology</i> , 2016, 173, 2633-2644.	2.7	13
35	Paracrine CCL20 loop induces epithelial-mesenchymal transition in breast epithelial cells. <i>Molecular Carcinogenesis</i> , 2016, 55, 1175-1186.	1.3	30
36	PKC- $\eta$ /PKC- $\zeta$ activity balance regulates the lethal effects of cisplatin. <i>Biochemical Pharmacology</i> , 2015, 98, 29-40.	2.0	25

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37	[Pt(O, $\text{O}^{\text{TM}}$ -acac)( $\text{I}^3$ -acac)(DMS)] Alters SH-SY5Y Cell Migration and Invasion by the Inhibition of Na <sup>+</sup> /H <sup>+</sup> Exchanger Isoform 1 Occurring through a PKC- $\mu$ /ERK/mTOR Pathway. <i>PLoS ONE</i> , 2014, 9, e112186.	1.1	18
38	Antitumor activity of [Pt(O, $\text{O}^{\text{TM}}$ -acac)( $\text{I}^3$ -acac)(DMS)] in mouse xenograft model of breast cancer. <i>Cell Death and Disease</i> , 2014, 5, e1014-e1014.	2.7	17
39	Different apoptotic effects of [ $\text{Pt}(\text{O}, \text{O}^{\text{TM}}$ -acac)( $\text{I}^3$ -acac)(DMS)] and cisplatin on normal and cancerous human epithelial breast cells in primary culture. <i>British Journal of Pharmacology</i> , 2014, 171, 5139-5153.	2.7	14
40	Synthesis, Crystal Structure, and Biological Study of Pt <sup>II</sup> Complexes with 4- $\text{Acyl}$ - $\text{pyrazolones}$ . <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 1249-1259.	1.0	13
41	Synthesis, characterization and cytotoxicity of novel Pt(II) $\text{I}^2\text{O}, \text{O}^{\text{TM}}$ -acetylacetonate complexes with nitrogen ligands. <i>Inorganica Chimica Acta</i> , 2014, 412, 88-93.	1.2	5
42	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
43	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
44	CCL20 induces migration and proliferation on breast epithelial cells. <i>Journal of Cellular Physiology</i> , 2013, 228, 1873-1883.	2.0	65
45	Cisplatin-related drugs for nongenomic targets: Forcing the reactivity with nucleobases. <i>Pure and Applied Chemistry</i> , 2012, 85, 355-364.	0.9	5
46	The platinum (II) complex [Pt(O, $\text{O}^{\text{TM}}$ -acac)( $\text{I}^3$ -acac)(DMS)] alters the intracellular calcium homeostasis in MCF-7 breast cancer cells. <i>Biochemical Pharmacology</i> , 2011, 81, 91-103.	2.0	56
47	The signalling axis mediating neuronal apoptosis in response to [Pt(O, $\text{O}^{\text{TM}}$ -acac)( $\text{I}^3$ -acac)(DMS)]. <i>Biochemical Pharmacology</i> , 2011, 81, 1271-1285.	2.0	28
48	Retrospective protein expression and epigenetic inactivation studies of CDH1 in patients affected by low-grade glioma. <i>Journal of Neuro-Oncology</i> , 2011, 104, 113-118.	1.4	13
49	Effects of cisplatin on matrix metalloproteinase-2 in transformed thyroid cells. <i>Biochemical Pharmacology</i> , 2010, 79, 810-816.	2.0	10
50	Sublethal concentrations of the platinum(II) complex [Pt(O, $\text{O}^{\text{TM}}$ -acac)( $\text{I}^3$ -acac)(DMS)] alter the motility and induce anoikis in MCF-7 cells. <i>British Journal of Pharmacology</i> , 2010, 160, 1362-1377.	2.7	36
51	Functions of epidermal growth factor receptor in cisplatin response of thyroid cells. <i>Biochemical Pharmacology</i> , 2009, 77, 979-992.	2.0	14
52	Anti-apoptotic effects of protein kinase C $\alpha$ and c-fos in cisplatin-treated thyroid cells. <i>British Journal of Pharmacology</i> , 2009, 156, 751-763.	2.7	17
53	PKC $\mu$ -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
54	[Pt(O, $\text{O}^{\text{TM}}$ -acac)( $\text{I}^3$ -acac)(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, 34-49.	2.7	68

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55	[Pt(O,O- $\beta$ -acac)( $\beta$ -acac)(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
56	New platinum(II) complexes containing both an O,O- $\beta$ -chelated acetylacetonate 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
57	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
58	The sarcoplasmic $\beta$ -endoplasmic reticulum Ca <sup>2+</sup> ATPase 2b regulates the Ca <sup>2+</sup> transients elicited by P2Y <sub>2</sub> activation in PC Cl <sub>3</sub> thyroid cells. <i>Journal of Endocrinology</i> , 2006, 190, 641-649.	1.2	6
59	Angiotensin II does not stimulate proliferation of rat thyroid PC Cl <sub>3</sub> cell line. <i>Journal of Endocrinology</i> , 2006, 191, 727-735.	1.2	2
60	Effects of extracellular nucleotides in the thyroid: P2Y <sub>2</sub> receptor-mediated ERK1/2 activation and c-Fos induction in PC Cl <sub>3</sub> cells. <i>Cellular Signalling</i> , 2005, 17, 739-749.	1.7	18
61	Differential response of normal, dedifferentiated and transformed thyroid cell lines to cisplatin treatment. <i>Biochemical Pharmacology</i> , 2005, 71, 50-60.	2.0	14
62	Atypical PKC- $\eta$ and PKC- $\zeta$ mediate opposing effects on MCF-7 Na <sup>+</sup> /K <sup>+</sup> -ATPase activity. <i>Journal of Cellular Physiology</i> , 2005, 205, 278-285.	2.0	14
63	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
64	Differential functions of PKC- $\zeta$ and PKC- $\eta$ in cisplatin response of normal and transformed thyroid cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 297-305.	1.0	14
65	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
66	Mitogenic signalling by B <sub>2</sub> bradykinin receptor in epithelial breast cells. <i>Journal of Cellular Physiology</i> , 2004, 201, 84-96.	2.0	45
67	Activation of P2Y <sub>2</sub> purinoceptor inhibits the activity of the Na <sup>+</sup> /K <sup>+</sup> -ATPase in HeLa cells. <i>Cellular Signalling</i> , 2003, 15, 115-121.	1.7	17
68	Disturbances in purinergic [Ca <sup>2+</sup> ] <sub>i</sub> signaling pathways in a transformed rat thyroid cell line. <i>Cell Calcium</i> , 2003, 33, 59-68.	1.1	8
69	Astrocytes are the major intracerebral source of macrophage inflammatory protein-3 $\beta$ /CCL20 in relapsing experimental autoimmune encephalomyelitis and in vitro. <i>Glia</i> , 2003, 41, 290-300.	2.5	105
70	Activation of P2Y <sub>2</sub> 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
71	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
72	PKC- $\zeta$ 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

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73	Angiotensin II AT1 receptor stimulates Na <sup>+</sup> + K <sup>+</sup> + atpase activity through a pathway involving pkc in rat thyroid cells. <i>Journal of Physiology</i> , 2003, 546, 461-470.	1.3	16
74	Angiotensin II stimulation of Na <sup>+</sup> /K <sup>+</sup> 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
75	Muscarinic acetylcholine receptor activation induces Ca <sup>2+</sup> mobilization and Na <sup>+</sup> /K <sup>+</sup> -ATPase activity inhibition in eel enterocytes. <i>Journal of Endocrinology</i> , 2002, 173, 325-334.	1.2	3
76	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
77	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
78	Increase of [Ca <sup>2+</sup> ] <sub>i</sub> via activation of ATP receptors in PC-Cl3 rat thyroid cell line. <i>Cellular Signalling</i> , 2002, 14, 61-67.	1.7	25
79	Na <sup>+</sup> /K <sup>+</sup> 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
80	Angiotensin II modulates the activity of the Na <sup>+</sup> /K <sup>+</sup> ATPase in eel kidney. <i>Journal of Endocrinology</i> , 2000, 165, 147-156.	1.2	15
81	Dexamethasone modulates the activity of the eel branchial Na <sup>+</sup> /K <sup>+</sup> ATPase in both chloride and pavement cells. <i>Life Sciences</i> , 2000, 66, 1663-1673.	2.0	10
82	Angiotensin II stimulates the exchanger in human umbilical vein endothelial cells via AT1 receptor. <i>Life Sciences</i> , 1999, 65, 2385-2394.	2.0	4
83	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
84	Immunolocalisation of angiotensin II receptors in icefish ( <i>Chionodraco hamatus</i> ) tissues. <i>Journal of Endocrinology</i> , 1997, 154, 193-200.	1.2	12
85	Angiotensin II AT1 receptors and Na <sup>+</sup> /K <sup>+</sup> ATPase in human umbilical vein endothelial cells. <i>Journal of Endocrinology</i> , 1997, 155, 587-593.	1.2	16
86	Human larynx expresses isoforms of the oestrogen receptor. <i>Cancer Letters</i> , 1996, 99, 191-196.	3.2	23
87	AT1 angiotensin II receptor subtype in the human larynx and squamous laryngeal carcinoma. <i>Cancer Letters</i> , 1996, 110, 19-27.	3.2	39
88	Angiotensin II stimulation of the basolateral located Na <sup>+</sup> /H <sup>+</sup> antiporter in eel ( <i>Anguilla anguilla</i> ) enterocytes. <i>Journal of Molecular Endocrinology</i> , 1996, 16, 57-62.	1.1	12
89	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
90	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

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91	Multiple isoforms of the oestrogen receptor in endometrial cancer. <i>Journal of Molecular Endocrinology</i> , 1995, 14, 365-374.	1.1	8
92	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