

# Antonello Petrella

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,848  
citations

201385

27  
h-index

276539

41  
g-index

58  
all docs

58  
docs citations

58  
times ranked

2737  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapamycin inhibits doxorubicin-induced NF- $\kappa$ B/Rel nuclear activity and enhances the apoptosis of melanoma cells. <i>European Journal of Cancer</i> , 2004, 40, 2829-2836.	1.3	130
2	Molecular modelling studies, synthesis and biological activity of a series of novel bisnaphthalimides and their development as new DNA topoisomerase II inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 13-24.	1.4	111
3	Role of intracellular and extracellular annexin A1 in migration and invasion of human pancreatic carcinoma cells. <i>BMC Cancer</i> , 2014, 14, 961.	1.1	79
4	BAG3 Protein Regulates Cell Survival in Childhood Acute Lymphoblastic Leukemia Cells. <i>Cancer Biology and Therapy</i> , 2003, 2, 508-510.	1.5	65
5	Dipeptidyl Peptidase 4 Inhibition May Facilitate Healing of Chronic Foot Ulcers in Patients with Type 2 Diabetes. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-11.	3.8	64
6	Tight Glycemic Control May Increase Regenerative Potential of Myocardium during Acute Infarction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 933-942.	1.8	61
7	NF- $\kappa$ B protects Behçet's disease T cells against CD95-induced apoptosis up-regulating antiapoptotic proteins. <i>Arthritis and Rheumatism</i> , 2005, 52, 2179-2191.	6.7	59
8	Annexin A1 contributes to pancreatic cancer cell phenotype, behaviour and metastatic potential independently of Formyl Peptide Receptor pathway. <i>Scientific Reports</i> , 2016, 6, 29660.	1.6	57
9	Annexin A1 is involved in the acquisition and maintenance of a stem cell-like/aggressive phenotype in prostate cancer cells with acquired resistance to zoledronic acid. <i>Oncotarget</i> , 2015, 6, 25074-25092.	0.8	53
10	Annexin-1 downregulation in thyroid cancer correlates to the degree of tumour differentiation. <i>Cancer Biology and Therapy</i> , 2006, 5, 643-647.	1.5	52
11	Annexin A1 May Induce Pancreatic Cancer Progression as a Key Player of Extracellular Vesicles Effects as Evidenced in the In Vitro MIA PaCa-2 Model System. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3878.	1.8	52
12	Effects of FR235222, a novel HDAC inhibitor, in proliferation and apoptosis of human leukaemia cell lines: Role of Annexin A1. <i>European Journal of Cancer</i> , 2008, 44, 740-749.	1.3	49
13	ClIB-MECA inhibits human thyroid cancer cell proliferation independently of A3 adenosine receptor activation. <i>Cancer Biology and Therapy</i> , 2008, 7, 278-284.	1.5	49
14	Annexin A1 Induces Skeletal Muscle Cell Migration Acting through Formyl Peptide Receptors. <i>PLoS ONE</i> , 2012, 7, e48246.	1.1	47
15	Role of Annexin A1 in mouse myoblast cell differentiation. <i>Journal of Cellular Physiology</i> , 2010, 224, 757-765.	2.0	46
16	Dexamethasone inhibits TRAIL-induced apoptosis of thyroid cancer cells via Bcl-xL induction. <i>European Journal of Cancer</i> , 2006, 42, 3287-3293.	1.3	45
17	Oxime Amides as a Novel Zinc Binding Group in Histone Deacetylase Inhibitors: Synthesis, Biological Activity, and Computational Evaluation. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 2165-2182.	2.9	45
18	Annexin A1: Novel roles in skeletal muscle biology. <i>Journal of Cellular Physiology</i> , 2012, 227, 3007-3015.	2.0	44

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19	Hypoxia regulates ANXA1 expression to support prostate cancer cell invasion and aggressiveness. <i>Cell Adhesion and Migration</i> , 2017, 11, 247-260.	1.1	42
20	In situ gelling alginate-pectin blend particles loaded with Ac2-26: A new weapon to improve wound care armamentarium. <i>Carbohydrate Polymers</i> , 2020, 227, 115305.	5.1	42
21	Evaluation of in situ injectable hydrogels as controlled release device for ANXA1 derived peptide in wound healing. <i>Carbohydrate Polymers</i> , 2015, 115, 629-635.	5.1	41
22	Clâ€Bâ€MECA enhances TRAILâ€induced apoptosis via the modulation of NFâ€B signalling pathway in thyroid cancer cells. <i>Journal of Cellular Physiology</i> , 2009, 221, 378-386.	2.0	40
23	Supercritical impregnation of mesoglycan into calcium alginate aerogel for wound healing. <i>Journal of Supercritical Fluids</i> , 2020, 157, 104711.	1.6	40
24	Annexin A1 N-Terminal Derived Peptide Ac2-26 Stimulates Fibroblast Migration in High Glucose Conditions. <i>PLoS ONE</i> , 2012, 7, e45639.	1.1	33
25	The Pharmaceutical Device Prismaâ€ Skin Promotes in Vitro Angiogenesis through Endothelial to Mesenchymal Transition during Skin Wound Healing. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1614.	1.8	32
26	Annexin A1 Contained in Extracellular Vesicles Promotes the Activation of Keratinocytes by Mesoglycan Effects: An Autocrine Loop Through FPRs. <i>Cells</i> , 2019, 8, 753.	1.8	32
27	Synthesis and antiproliferative properties of N3/8-disubstituted 3,8-diazabicyclo[3.2.1]octane analogues of 3,8-bis[2-(3,4,5-trimethoxyphenyl)pyridin-4-yl]methyl-piperazine. <i>European Journal of Medicinal Chemistry</i> , 2007, 42, 293-306.	2.6	30
28	Histone deacetylase inhibitor FR235222 sensitizes human prostate adenocarcinoma cells to apoptosis through up-regulation of Annexin A1. <i>Cancer Letters</i> , 2010, 295, 85-91.	3.2	29
29	Effects of Prismaâ€ Skin dermal regeneration device containing glycosaminoglycans on human keratinocytes and fibroblasts. <i>Cell Adhesion and Migration</i> , 2018, 12, 1-16.	1.1	27
30	miR-196a Is Able to Restore the Aggressive Phenotype of Annexin A1 Knock-Out in Pancreatic Cancer Cells by CRISPR/Cas9 Genome Editing. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1967.	1.8	27
31	Mesoglycan induces the secretion of microvesicles by keratinocytes able to activate human fibroblasts and endothelial cells: A novel mechanism in skin wound healing. <i>European Journal of Pharmacology</i> , 2020, 869, 172894.	1.7	27
32	Annexin A1 Released in Extracellular Vesicles by Pancreatic Cancer Cells Activates Components of the Tumor Microenvironment, through Interaction with the Formyl-Peptide Receptors. <i>Cells</i> , 2020, 9, 2719.	1.8	27
33	roscovitine sensitizes anaplastic thyroid carcinoma cells to TRAILâ€induced apoptosis via regulation of IKK/NFâ€B pathway. <i>International Journal of Cancer</i> , 2009, 124, 2728-2736.	2.3	24
34	Mesoglycan induces keratinocyte activation by triggering syndecanâ€4 pathway and the formation of the annexin A1/S100A11 complex. <i>Journal of Cellular Physiology</i> , 2019, 234, 20174-20192.	2.0	22
35	ANXA1 Contained in EVs Regulates Macrophage Polarization in Tumor Microenvironment and Promotes Pancreatic Cancer Progression and Metastasis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11018.	1.8	22
36	Histone Deacetylase Inhibitors in the Treatment of Hematological Malignancies. <i>Mini-Reviews in Medicinal Chemistry</i> , 2011, 11, 519-527.	1.1	21

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37	PCL/Mesoglycan Devices Obtained by Supercritical Foaming and Impregnation. <i>Pharmaceutics</i> , 2019, 11, 631.	2.0	20
38	The combination of mesoglycan and VEGF promotes skin wound repair by enhancing the activation of endothelial cells and fibroblasts and their cross-talk. <i>Scientific Reports</i> , 2022, 12, .	1.6	15
39	Heparan sulfate binds the extracellular Annexin A1 and blocks its effects on pancreatic cancer cells. <i>Biochemical Pharmacology</i> , 2020, 182, 114252.	2.0	14
40	LGP1, A histone deacetylase inhibitor analogue of FR235222, sensitizes promyelocytic leukaemia U937 cells to TRAIL-mediated apoptosis. <i>Anticancer Research</i> , 2010, 30, 887-94.	0.5	14
41	TFF1 Promotes EMT-Like Changes through an Auto-Induction Mechanism. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2018.	1.8	13
42	Mesoglycan exerts its fibrinolytic effect through the activation of annexin A2. <i>Journal of Cellular Physiology</i> , 2021, 236, 4926-4943.	2.0	11
43	Mesoglycan connects Syndecan-4 and VEGFR2 through Annexin A1 and formyl peptide receptors to promote angiogenesis <i>in vitro</i> . <i>FEBS Journal</i> , 2021, 288, 6428-6446.	2.2	11
44	The promising pro-healing role of the association of mesoglycan and lactoferrin on skin lesions. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 163, 105886.	1.9	10
45	Novel insights on the molecular mechanism of action of the anti-angiogenic pyrazolyl-urea GeGe-3 by functional proteomics. <i>Bioorganic Chemistry</i> , 2021, 115, 105168.	2.0	10
46	Synthesis, functional proteomics and biological evaluation of new 5-pyrazolyl ureas as potential anti-angiogenic compounds. <i>European Journal of Medicinal Chemistry</i> , 2021, 226, 113872.	2.6	8
47	<i>Helicobacter pylori</i> Pathogen-Associated Molecular Patterns: Friends or Foes?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3531.	1.8	8
48	Regulation of NF- $\kappa$ B Nuclear Activity in Peripheral Blood Mononuclear Cells: Role of CD28 Antigen. <i>Cellular Immunology</i> , 1994, 156, 371-377.	1.4	7
49	The Pyrazolyl-Urea Gege3 Inhibits the Activity of ANXA1 in the Angiogenesis Induced by the Pancreatic Cancer Derived EVs. <i>Biomolecules</i> , 2021, 11, 1758.	1.8	6
50	Defect of Interleukin-2 Production and T Cell Proliferation in Atopic Patients: Restoring Ability of the CD28-Mediated Activation Pathway. <i>Cellular Immunology</i> , 1993, 148, 455-463.	1.4	5
51	Low copper availability limits <i>Helicobacter</i> infection in mice. <i>FEBS Journal</i> , 2020, 287, 2948-2960.	2.2	5
52	Label-Free Quantitative Proteomics to Explore the Action Mechanism of the Pharmaceutical-Grade <i>Triticum vulgare</i> Extract in Speeding Up Keratinocyte Healing. <i>Molecules</i> , 2022, 27, 1108.	1.7	5
53	Activation of NF- $\kappa$ B/Rel transcription factors in human primary peripheral blood mononuclear cells by interleukin 7. <i>Biological Chemistry</i> , 2004, 385, 415-417.	1.2	4
54	Cryptogenic stroke and diabetes: a probable link between silent atrial fibrillation episodes and cerebrovascular disease. <i>Expert Review of Cardiovascular Therapy</i> , 2014, 12, 323-329.	0.6	4

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55	TRAF2 and FKBP51 as possible markers for identification of suitable melanoma tumors for tumor necrosis factor- $\alpha$ inhibition. <i>Melanoma Research</i> , 2019, 29, 145-150.	0.6	4
56	The Procoagulant Activity of Emoxilane <sup>®</sup> : A New Appealing Therapeutic Use in Epistaxis of the Combination of Sodium Hyaluronate, Silver Salt, $\alpha$ -tocopherol and D-panthenol. <i>Life</i> , 2021, 11, 992.	1.1	4
57	TFF1 Induces Aggregation and Reduces Motility of <i>Helicobacter pylori</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 1851.	1.8	3
58	Analysis of peripheral blood normal and malignant cells with the novel murine monoclonal antibody UN2. <i>Immunology Letters</i> , 1994, 42, 55-62.	1.1	1