

Elena Adinolfi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70
papers

4,760
citations

32
h-index

68
g-index

80
ext. papers

5,785
ext. citations

5.2
avg, IF

5.73
L-index

#	Paper	IF	Citations
70	Extracellular ATP is increased by release of ATP-loaded microparticles triggered by nutrient deprivation.. <i>Theranostics</i> , 2022 , 12, 859-874	12.1	0
69	Irradiation causes senescence, ATP release, and P2X7 receptor isoform switch in glioblastoma.. <i>Cell Death and Disease</i> , 2022 , 13, 80	9.8	1
68	Administration of P2X7 Receptor Blockers in Oncological Experimental Models. <i>Methods in Molecular Biology</i> , 2022 , 303-314	1.4	
67	P2X7 promotes metastatic spreading and triggers release of miRNA-containing exosomes and microvesicles from melanoma cells. <i>Cell Death and Disease</i> , 2021 , 12, 1088	9.8	4
66	The P2RX7B splice variant modulates osteosarcoma cell behaviour and metastatic properties.. <i>Journal of Bone Oncology</i> , 2021 , 31, 100398	4.5	1
65	Role of ATP in Extracellular Vesicle Biogenesis and Dynamics. <i>Frontiers in Pharmacology</i> , 2021 , 12, 654023	3.6	5
64	P2X7 Receptor in Hematological Malignancies. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 645695	3.5	7
63	The ATP/P2X7 axis is a crucial regulator of leukemic initiating cells proliferation and homing and an emerging therapeutic target in acute myeloid leukemia. <i>Purinergic Signalling</i> , 2021 , 17, 319-321	3.8	1
62	Astrocytes-derived extracellular vesicles in motion at the neuron surface: Involvement of the prion protein. <i>Journal of Extracellular Vesicles</i> , 2021 , 10, e12114	16.4	5
61	P2X7 Variants in Oncogenesis. <i>Cells</i> , 2021 , 10,	7.9	15
60	Cancer Metabostemness and Metabolic Reprogramming via P2X7 Receptor. <i>Cells</i> , 2021 , 10,	7.9	3
59	The P2X7 Receptor 489C>T Gain of Function Polymorphism Favors HHV-6A Infection and Associates With Female Idiopathic Infertility. <i>Frontiers in Pharmacology</i> , 2020 , 11, 96	5.6	11
58	P2X7 in Cancer: From Molecular Mechanisms to Therapeutics. <i>Frontiers in Pharmacology</i> , 2020 , 11, 793	5.6	37
57	Detection of Extracellular ATP in the Tumor Microenvironment, Using the pmeLUC Biosensor. <i>Methods in Molecular Biology</i> , 2020 , 2041, 183-195	1.4	20
56	Differential sensitivity of acute myeloid leukemia cells to daunorubicin depends on P2X7A versus P2X7B receptor expression. <i>Cell Death and Disease</i> , 2020 , 11, 876	9.8	18
55	Denatonium as a Bitter Taste Receptor Agonist Modifies Transcriptomic Profile and Functions of Acute Myeloid Leukemia Cells. <i>Frontiers in Oncology</i> , 2020 , 10, 1225	5.3	5
54	Structure, function and techniques of investigation of the P2X7 receptor (P2X7R) in mammalian cells. <i>Methods in Enzymology</i> , 2019 , 629, 115-150	1.7	18

53	The P2X7 receptor modulates immune cells infiltration, ectonucleotidases expression and extracellular ATP levels in the tumor microenvironment. <i>Oncogene</i> , 2019 , 38, 3636-3650	9.2	87
52	Amyloid β -dependent mitochondrial toxicity in mouse microglia requires P2X7 receptor expression and is prevented by nimodipine. <i>Scientific Reports</i> , 2019 , 9, 6475	4.9	29
51	Role of the P2X7 receptor in tumor-associated inflammation. <i>Current Opinion in Pharmacology</i> , 2019 , 47, 59-64	5.1	19
50	Involvement of P2X7 Receptors in the Osteogenic Differentiation of Mesenchymal Stromal/Stem Cells Derived from Human Subcutaneous Adipose Tissue. <i>Stem Cell Reviews and Reports</i> , 2019 , 15, 574-589	6.4	9
49	Mechanisms of Tolerance Induction through T Regulatory Cells during Chemotherapy-Mediated Immunogenic Cell Death in Acute Myeloid Leukemia. <i>Blood</i> , 2019 , 134, 2332-2332	2.2	
48	The P2X7 receptor: A main player in inflammation. <i>Biochemical Pharmacology</i> , 2018 , 151, 234-244	6	159
47	Kinin and Purine Signaling Contributes to Neuroblastoma Metastasis. <i>Frontiers in Pharmacology</i> , 2018 , 9, 500	5.6	25
46	Extracellular ATP and P2 purinergic signalling in the tumour microenvironment. <i>Nature Reviews Cancer</i> , 2018 , 18, 601-618	31.3	275
45	Emerging Roles of Purinergic Signaling in Diabetes. <i>Medicinal Chemistry</i> , 2018 , 14, 428-438	1.8	7
44	Extracellular purines, purinergic receptors and tumor growth. <i>Oncogene</i> , 2017 , 36, 293-303	9.2	272
43	ATP Release from Chemotherapy-Treated Dying Leukemia Cells Elicits an Immune Suppressive Effect by Increasing Regulatory T Cells and Tolerogenic Dendritic Cells. <i>Frontiers in Immunology</i> , 2017 , 8, 1918	8.4	55
42	Extracellular ATP induces apoptosis through P2X7R activation in acute myeloid leukemia cells but not in normal hematopoietic stem cells. <i>Oncotarget</i> , 2017 , 8, 5895-5908	3.3	32
41	P2X7 Receptor Orchestrates Multiple Signalling Pathways Triggering Inflammation, Autophagy and Metabolic/Trophic Responses. <i>Current Medicinal Chemistry</i> , 2017 , 24, 2261-2275	4.3	49
40	P2 receptors in cancer progression and metastatic spreading. <i>Current Opinion in Pharmacology</i> , 2016 , 29, 17-25	5.1	29
39	Chemotherapy-Dependent ATP Release from Leukemia Dying Cells Induces Indoleamine 2,3-Dioxygenase 1 in Dendritic Cells. <i>Blood</i> , 2016 , 128, 3711-3711	2.2	
38	P2X7 Receptor as a Therapeutic Target. <i>Advances in Protein Chemistry and Structural Biology</i> , 2016 , 104, 39-79	5.3	62
37	Editorial (Thematic Issue: Purinergic P2X Receptors: Physiological and Pathological Roles and Potential as Therapeutic Targets). <i>Current Medicinal Chemistry</i> , 2015 , 22, 782-782	4.3	5
36	Accelerated tumor progression in mice lacking the ATP receptor P2X7. <i>Cancer Research</i> , 2015 , 75, 635-440.1	10.1	96

35	The P2X7 receptor is a key modulator of the PI3K/GSK3 β /MEGF signaling network: evidence in experimental neuroblastoma. <i>Oncogene</i> , 2015 , 34, 5240-51	9.2	104
34	Emerging roles of P2X receptors in cancer. <i>Current Medicinal Chemistry</i> , 2015 , 22, 878-90	4.3	41
33	P2X7 Receptor Activation By ATP As Target of Novel Therapies in Acute Myeloid Leukemia. <i>Blood</i> , 2015 , 126, 3684-3684	2.2	
32	The Induction of Inhibitory Pathways in Dendritic Cells May Hamper the Efficient Activation of Anti-Leukemia T Cells within Chemotherapy-Induced Immunogenic Cell Death. <i>Blood</i> , 2015 , 126, 1019-1019	2.3	
31	P2X receptors: New players in cancer pain. <i>World Journal of Biological Chemistry</i> , 2014 , 5, 429-36	3.8	18
30	Trophic activity of human P2X7 receptor isoforms A and B in osteosarcoma. <i>PLoS ONE</i> , 2014 , 9, e107224	3.7	57
29	New intriguing roles of ATP and its receptors in promoting tumor metastasis : presented by Maria P. Abbracchio. <i>Purinergic Signalling</i> , 2013 , 9, 487-90	3.8	4
28	Purinergic signaling in bone. <i>Journal of Osteoporosis</i> , 2013 , 2013, 673684	2.8	5
27	The P2X7 receptor is a key modulator of aerobic glycolysis. <i>Cell Death and Disease</i> , 2012 , 3, e370	9.8	86
26	P2X7 Receptor Function in Bone-Related Cancer. <i>Journal of Osteoporosis</i> , 2012 , 2012, 637863	2.8	30
25	Purinergic signaling in giant cell formation. <i>Frontiers in Bioscience - Elite</i> , 2012 , 4, 41-55	1.6	7
24	Expression of P2X7 receptor increases in vivo tumor growth. <i>Cancer Research</i> , 2012 , 72, 2957-69	10.1	236
23	Trophic activity of a naturally occurring truncated isoform of the P2X7 receptor. <i>FASEB Journal</i> , 2010 , 24, 3393-404	0.9	173
22	cAMP efflux from human trophoblast cell lines: a role for multidrug resistance protein (MRP)1 transporter. <i>Molecular Human Reproduction</i> , 2010 , 16, 481-91	4.4	14
21	The dominant-negative von Willebrand factor gene deletion p.P1127_C1948delinsR: molecular mechanism and modulation. <i>Blood</i> , 2010 , 116, 5371-6	2.2	19
20	Expression of the P2X7 receptor increases the Ca ²⁺ content of the endoplasmic reticulum, activates NFATc1, and protects from apoptosis. <i>Journal of Biological Chemistry</i> , 2009 , 284, 10120-8	5.4	74
19	P2X(7): a growth-promoting receptor-implications for cancer. <i>Purinergic Signalling</i> , 2009 , 5, 251-6	3.8	109
18	Somatostatin as a regulator of first-trimester human trophoblast functions. <i>Placenta</i> , 2008 , 29, 660-70	3.4	4

17	Stimulation of purinergic receptors modulates chemokine expression in human keratinocytes. <i>Journal of Investigative Dermatology</i> , 2007 , 127, 660-7	4.3	45
16	Stimulation of P2 (P2X7) receptors in human dendritic cells induces the release of tissue factor-bearing microparticles. <i>FASEB Journal</i> , 2007 , 21, 1926-33	0.9	75
15	Stimulation of P2 receptors causes release of IL-1beta-loaded microvesicles from human dendritic cells. <i>Blood</i> , 2007 , 109, 3856-64	2.2	192
14	The extracellular nucleotide UTP is a potent inducer of hematopoietic stem cell migration. <i>Blood</i> , 2007 , 109, 533-42	2.2	86
13	Involvement of the purinergic P2X7 receptor in the formation of multinucleated giant cells. <i>Journal of Immunology</i> , 2006 , 177, 7257-65	5.3	64
12	The P2X7 receptor: a key player in IL-1 processing and release. <i>Journal of Immunology</i> , 2006 , 176, 3877-83	3.3	839
11	P2X(7) receptor: Death or life?. <i>Purinergic Signalling</i> , 2005 , 1, 219-27	3.8	104
10	Basal activation of the P2X7 ATP receptor elevates mitochondrial calcium and potential, increases cellular ATP levels, and promotes serum-independent growth. <i>Molecular Biology of the Cell</i> , 2005 , 16, 3260-72	3.5	204
9	Pseudoapoptosis induced by brief activation of ATP-gated P2X7 receptors. <i>Journal of Biological Chemistry</i> , 2005 , 280, 33968-76	5.4	123
8	Enhanced P2X7 activity in human fibroblasts from diabetic patients: a possible pathogenetic mechanism for vascular damage in diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 1240-5	9.4	41
7	The antibiotic polymyxin B modulates P2X7 receptor function. <i>Journal of Immunology</i> , 2004 , 173, 4652-60	3.3	65
6	Tyrosine phosphorylation of HSP90 within the P2X7 receptor complex negatively regulates P2X7 receptors. <i>Journal of Biological Chemistry</i> , 2003 , 278, 37344-51	5.4	78
5	Human leukocyte antigen-A, -B, -C and -DR alleles and soluble human leukocyte antigen class I serum level in Multiple Sclerosis disease. <i>Acta Oto-Laryngologica</i> , 2002 , 26-9	1.6	14
4	P2X7 receptor expression in evolutive and indolent forms of chronic B lymphocytic leukemia. <i>Blood</i> , 2002 , 99, 706-8	2.2	161
3	Increased proliferation rate of lymphoid cells transfected with the P2X(7) ATP receptor. <i>Journal of Biological Chemistry</i> , 1999 , 274, 33206-8	5.4	160
2	Homology modeling and active-site residues probing of the thermophilic <i>Alicyclobacillus acidocaldarius</i> esterase 2. <i>Protein Science</i> , 1999 , 8, 1789-96	6.3	30
1	Overexpression and properties of a new thermophilic and thermostable esterase from <i>Bacillus acidocaldarius</i> with sequence similarity to hormone-sensitive lipase subfamily. <i>Biochemical Journal</i> , 1998 , 332 (Pt 1), 203-12	3.8	127