

Elena Adinolfi

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

6,493
citations

109321

35
h-index

88630

70
g-index

80
all docs

80
docs citations

80
times ranked

5830
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular ATP is increased by release of ATP-loaded microparticles triggered by nutrient deprivation. <i>Theranostics</i> , 2022, 12, 859-874.	10.0	13
2	Irradiation causes senescence, ATP release, and P2X7 receptor isoform switch in glioblastoma. <i>Cell Death and Disease</i> , 2022, 13, 80.	6.3	24
3	A2A Receptor Contributes to Tumor Progression in P2X7 Null Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	3.7	5
4	P2X7 Variants in Oncogenesis. <i>Cells</i> , 2021, 10, 189.	4.1	42
5	Role of ATP in Extracellular Vesicle Biogenesis and Dynamics. <i>Frontiers in Pharmacology</i> , 2021, 12, 654023.	3.5	23
6	P2X7 Receptor in Hematological Malignancies. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 645605.	3.7	12
7	Editorial: Ion Channel Signalling in Cancer: From Molecular Mechanisms to Therapeutics. <i>Frontiers in Pharmacology</i> , 2021, 12, 711593.	3.5	8
8	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.	2.2	5
9	Astrocytesâ€derived extracellular vesicles in motion at the neuron surface: Involvement of the prion protein. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e121114.	12.2	19
10	Cancer Metabostemness and Metabolic Reprogramming via P2X7 Receptor. <i>Cells</i> , 2021, 10, 1782.	4.1	15
11	The P2RX7B splice variant modulates osteosarcoma cell behaviour and metastatic properties. <i>Journal of Bone Oncology</i> , 2021, 31, 100398.	2.4	14
12	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.	6.3	31
13	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.	6.3	39
14	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.	2.8	14
15	Editorial: Emerging Mechanisms in Purinergic Signaling: From Cell Biology to Therapeutic Perspectives. <i>Frontiers in Pharmacology</i> , 2020, 11, 1022.	3.5	0
16	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.	3.5	16
17	P2X7 in Cancer: From Molecular Mechanisms to Therapeutics. <i>Frontiers in Pharmacology</i> , 2020, 11, 793.	3.5	102
18	Detection of Extracellular ATP in the Tumor Microenvironment, Using the pmELUC Biosensor. <i>Methods in Molecular Biology</i> , 2020, 2041, 183-195.	0.9	27

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19	Abstract 4946: Bitter taste receptors system is expressed and functional in both HSCs and leukemic cells. <i>Cancer Research</i> , 2020, 80, 4946-4946.	0.9	3
20	Structure, function and techniques of investigation of the P2X7 receptor (P2X7R) in mammalian cells. <i>Methods in Enzymology</i> , 2019, 629, 115-150.	1.0	35
21	The P2X7 receptor modulates immune cells infiltration, ectonucleotidases expression and extracellular ATP levels in the tumor microenvironment. <i>Oncogene</i> , 2019, 38, 3636-3650.	5.9	144
22	Amyloid β -dependent mitochondrial toxicity in mouse microglia requires P2X7 receptor expression and is prevented by nimodipine. <i>Scientific Reports</i> , 2019, 9, 6475.	3.3	45
23	Role of the P2X7 receptor in tumor-associated inflammation. <i>Current Opinion in Pharmacology</i> , 2019, 47, 59-64.	3.5	38
24	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.	5.6	14
25	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.	1.4	0
26	The P2X7 receptor: A main player in inflammation. <i>Biochemical Pharmacology</i> , 2018, 151, 234-244.	4.4	282
27	Kinin and Purine Signaling Contributes to Neuroblastoma Metastasis. <i>Frontiers in Pharmacology</i> , 2018, 9, 500.	3.5	42
28	Extracellular ATP and P2 purinergic signalling in the tumour microenvironment. <i>Nature Reviews Cancer</i> , 2018, 18, 601-618.	28.4	491
29	Emerging Roles of Purinergic Signaling in Diabetes. <i>Medicinal Chemistry</i> , 2018, 14, 428-438.	1.5	13
30	Extracellular purines, purinergic receptors and tumor growth. <i>Oncogene</i> , 2017, 36, 293-303.	5.9	428
31	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.	4.8	72
32	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.	1.8	45
33	P2X7 Receptor Orchestrates Multiple Signalling Pathways Triggering Inflammation, Autophagy and Metabolic/Trophic Responses. <i>Current Medicinal Chemistry</i> , 2017, 24, 2261-2275.	2.4	76
34	P2X7 Receptor as a Therapeutic Target. <i>Advances in Protein Chemistry and Structural Biology</i> , 2016, 104, 39-79.	2.3	88
35	P2 receptors in cancer progression and metastatic spreading. <i>Current Opinion in Pharmacology</i> , 2016, 29, 17-25.	3.5	43
36	Chemotherapy-Dependent ATP Release from Leukemia Dying Cells Induces Indoleamine 2,3-Dioxygenase 1 in Dendritic Cells. <i>Blood</i> , 2016, 128, 3711-3711.	1.4	0

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37	Editorial (Thematic Issue: Purinergic P2X Receptors: Physiological and Pathological Roles and) Tj ETQq1 1 0.784314,rgBT /Overlock 10	2.4	5
38	Accelerated Tumor Progression in Mice Lacking the ATP Receptor P2X7. <i>Cancer Research</i> , 2015, 75, 635-644.	0.9	157
39	The P2X7 receptor is a key modulator of the PI3K/GSK3 β /VEGF signaling network: evidence in experimental neuroblastoma. <i>Oncogene</i> , 2015, 34, 5240-5251.	5.9	149
40	Emerging Roles of P2X Receptors in Cancer. <i>Current Medicinal Chemistry</i> , 2015, 22, 878-890.	2.4	48
41	P2X7 Receptor Activation By ATP As Target of Novel Therapies in Acute Myeloid Leukemia. <i>Blood</i> , 2015, 126, 3684-3684.	1.4	0
42	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.	1.4	0
43	Editorial: Purinergic P2X receptors: physiological and pathological roles and potential as therapeutic targets. <i>Current Medicinal Chemistry</i> , 2015, 22, 782.	2.4	3
44	Trophic Activity of Human P2X7 Receptor Isoforms A and B in Osteosarcoma. <i>PLoS ONE</i> , 2014, 9, e107224.	2.5	78
45	P2X receptors: New players in cancer pain. <i>World Journal of Biological Chemistry</i> , 2014, 5, 429.	4.3	24
46	Purinergic P2X Receptors: Physiological and Pathological Roles and Potential as Therapeutic Targets. <i>Current Medicinal Chemistry</i> , 2014, , .	2.4	0
47	New intriguing roles of ATP and its receptors in promoting tumor metastasis. <i>Purinergic Signalling</i> , 2013, 9, 487-490.	2.2	6
48	Purinergic Signaling in Bone. <i>Journal of Osteoporosis</i> , 2013, 2013, 1-2.	0.5	5
49	Expression of P2X7 Receptor Increases <i>In Vivo</i> Tumor Growth. <i>Cancer Research</i> , 2012, 72, 2957-2969.	0.9	324
50	The P2X7 receptor is a key modulator of aerobic glycolysis. <i>Cell Death and Disease</i> , 2012, 3, e370-e370.	6.3	117
51	P2X7 Receptor Function in Bone-Related Cancer. <i>Journal of Osteoporosis</i> , 2012, 2012, 1-10.	0.5	34
52	Purinergic signaling in giant cell formation. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 41.	1.8	8
53	The dominant-negative von Willebrand factor gene deletion p.P1127_C1948delinsR: molecular mechanism and modulation. <i>Blood</i> , 2010, 116, 5371-5376.	1.4	23
54	Trophic activity of a naturally occurring truncated isoform of the P2X7 receptor. <i>FASEB Journal</i> , 2010, 24, 3393-3404.	0.5	218

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55	cAMP efflux from human trophoblast cell lines: a role for multidrug resistance protein (MRP)1 transporter. <i>Molecular Human Reproduction</i> , 2010, 16, 481-491.	2.8	19
56	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, 10120-10128.	3.4	95
57	P2X7: a growth-promoting receptorâ€™implications for cancer. <i>Purinergic Signalling</i> , 2009, 5, 251-256.	2.2	124
58	Somatostatin as a Regulator of First-Trimester Human Trophoblast Functions. <i>Placenta</i> , 2008, 29, 660-670.	1.5	4
59	Stimulation of P2 (P2X 7) receptors in human dendritic cells induces the release of tissue factorâ€™bearing microparticles. <i>FASEB Journal</i> , 2007, 21, 1926-1933.	0.5	87
60	Stimulation of P2 receptors causes release of IL-1Î²â€™loaded microvesicles from human dendritic cells. <i>Blood</i> , 2007, 109, 3856-3864.	1.4	229
61	The extracellular nucleotide UTP is a potent inducer of hematopoietic stem cell migration. <i>Blood</i> , 2007, 109, 533-542.	1.4	93
62	Stimulation of Purinergic Receptors Modulates Chemokine Expression in Human Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2007, 127, 660-667.	0.7	51
63	Involvement of the Purinergic P2X7 Receptor in the Formation of Multinucleated Giant Cells. <i>Journal of Immunology</i> , 2006, 177, 7257-7265.	0.8	66
64	The P2X7 Receptor: A Key Player in IL-1 Processing and Release. <i>Journal of Immunology</i> , 2006, 176, 3877-3883.	0.8	949
65	P2X7 receptor: Death or life?. <i>Purinergic Signalling</i> , 2005, 1, 219-227.	2.2	126
66	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, 3260-3272.	2.1	242
67	Pseudoapoptosis Induced by Brief Activation of ATP-gated P2X7 Receptors. <i>Journal of Biological Chemistry</i> , 2005, 280, 33968-33976.	3.4	153
68	Enhanced P2X 7 Activity in Human Fibroblasts From Diabetic Patients. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 1240-1245.	2.4	50
69	The Antibiotic Polymyxin B Modulates P2X7 Receptor Function. <i>Journal of Immunology</i> , 2004, 173, 4652-4660.	0.8	79
70	Tyrosine Phosphorylation of HSP90 within the P2X7 Receptor Complex Negatively Regulates P2X7 Receptors. <i>Journal of Biological Chemistry</i> , 2003, 278, 37344-37351.	3.4	98
71	Human Leukocyte Antigen-A,-B,-C and -DR Alleles and Soluble Human Leukocyte Antigen Class I Serum Level in MÃ©niÃ©re's Disease. <i>Acta Oto-Laryngologica</i> , 2002, 122, 26-29.	0.9	19
72	P2X7 receptor expression in evolutive and indolent forms of chronic B lymphocytic leukemia. <i>Blood</i> , 2002, 99, 706-708.	1.4	179

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73	Increased Proliferation Rate of Lymphoid Cells Transfected with the P2X7 ATP Receptor. <i>Journal of Biological Chemistry</i> , 1999, 274, 33206-33208.	3.4	187
74	Homology modeling and active-site residues probing of the thermophilic <i>Alicyclobacillus acidocaldarius</i> esterase 2. <i>Protein Science</i> , 1999, 8, 1789-1796.	7.6	31
75	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, 203-212.	3.7	138