

Simonetta Falzoni

List of Publications by Year in descending order

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39
papers

4,191
citations

218677

26
h-index

315739

38
g-index

40
all docs

40
docs citations

40
times ranked

4521
citing authors

#	ARTICLE	IF	CITATIONS
1	The P2X7 Receptor in Infection and Inflammation. <i>Immunity</i> , 2017, 47, 15-31.	14.3	853
2	Extracellular ATP and P2 purinergic signalling in the tumour microenvironment. <i>Nature Reviews Cancer</i> , 2018, 18, 601-618.	28.4	491
3	Purinergic Modulation of Interleukin-1 β Release from Microglial Cells Stimulated with Bacterial Endotoxin. <i>Journal of Experimental Medicine</i> , 1997, 185, 579-582.	8.5	457
4	A Novel Recombinant Plasma Membrane-targeted Luciferase Reveals a New Pathway for ATP Secretion. <i>Molecular Biology of the Cell</i> , 2005, 16, 3659-3665.	2.1	283
5	Cytolytic P2X purinoceptors. <i>Cell Death and Differentiation</i> , 1998, 5, 191-199.	11.2	243
6	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
7	The P2X7 receptor directly interacts with the NLRP3 inflammasome scaffold protein. <i>FASEB Journal</i> , 2015, 29, 2450-2461.	0.5	169
8	Accelerated Tumor Progression in Mice Lacking the ATP Receptor P2X7. <i>Cancer Research</i> , 2015, 75, 635-644.	0.9	157
9	The P2 purinergic receptors of human dendritic cells: identification and coupling to cytokine release. <i>FASEB Journal</i> , 2000, 14, 2466-2476.	0.5	149
10	Use of luciferase probes to measure ATP in living cells and animals. <i>Nature Protocols</i> , 2017, 12, 1542-1562.	12.0	149
11	The P2X7 Receptor-Interleukin-1 Liaison. <i>Frontiers in Pharmacology</i> , 2017, 8, 123.	3.5	142
12	Detecting adenosine triphosphate in the pericellular space. <i>Interface Focus</i> , 2013, 3, 20120101.	3.0	115
13	Macrophage P2X4 receptors augment bacterial killing and protect against sepsis. <i>JCI Insight</i> , 2018, 3, .	5.0	82
14	Non-nucleotide Agonists Triggering P2X7 Receptor Activation and Pore Formation. <i>Frontiers in Pharmacology</i> , 2018, 9, 39.	3.5	70
15	Involvement of the P2X7-NLRP3 axis in leukemic cell proliferation and death. <i>Scientific Reports</i> , 2016, 6, 26280.	3.3	47
16	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
17	Purinoceptor function in the immune system. <i>Drug Development Research</i> , 1996, 39, 319-329.	2.9	43
18	P2 receptors in cancer progression and metastatic spreading. <i>Current Opinion in Pharmacology</i> , 2016, 29, 17-25.	3.5	43

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19	ATP receptors and giant cell formation. <i>Journal of Leukocyte Biology</i> , 1999, 66, 723-726.	3.3	42
20	P2 \times 7 targeting inhibits growth of human mesothelioma. <i>Oncotarget</i> , 2016, 7, 49664-49676.	1.8	42
21	Possible protective role of the 489C>T P2X7R polymorphism in Alzheimer's disease. <i>Experimental Gerontology</i> , 2014, 60, 117-119.	2.8	40
22	Purinergic P2X7 receptor: A pivotal role in inflammation and immunomodulation. <i>Drug Development Research</i> , 1998, 45, 207-213.	2.9	39
23	P2X7 Receptor Activity Limits Accumulation of T Cells within Tumors. <i>Cancer Research</i> , 2020, 80, 3906-3919.	0.9	36
24	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
25	Pharmacological blockade of the P2X7 receptor reverses retinal damage in a rat model of type 1 diabetes. <i>Acta Diabetologica</i> , 2019, 56, 1031-1036.	2.5	30
26	Mitochondrial P2X7 Receptor Localization Modulates Energy Metabolism Enhancing Physical Performance. <i>Function</i> , 2021, 2, zqab005.	2.3	29
27	P2 Purinoceptors in the Immune System. <i>Novartis Foundation Symposium</i> , 1996, 198, 290-308.	1.1	28
28	Role of the P2X7 receptor in <i>in vitro</i> and <i>in vivo</i> glioma tumor growth. <i>Oncotarget</i> , 2019, 10, 4840-4856.	1.8	26
29	Assessing Extracellular ATP as Danger Signal In Vivo: The pmeLuc System. <i>Methods in Molecular Biology</i> , 2016, 1417, 115-129.	0.9	25
30	Signalling by extracellular nucleotides in health and disease. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119237.	4.1	23
31	Islet-Derived eATP Fuels Autoreactive CD8+ T Cells and Facilitates the Onset of Type 1 Diabetes. <i>Diabetes</i> , 2018, 67, 2038-2053.	0.6	17
32	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
33	Extracellular ATP is increased by release of ATP-loaded microparticles triggered by nutrient deprivation. <i>Theranostics</i> , 2022, 12, 859-874.	10.0	13
34	Expression and function of the P2X7 receptor in human osteoblasts: The role of NFATc1 transcription factor. <i>Journal of Cellular Physiology</i> , 2021, 236, 641-652.	4.1	10
35	â€œHemophagocytic Lymphohistiocytosis after EBV reactivation and ibrutinib treatment in relapsed/refractory Chronic Lymphocytic Leukemiaâ€. <i>Leukemia Research Reports</i> , 2017, 7, 11-13.	0.4	6
36	Association of Hypomorphic P2X7 Receptor Genotype With Age. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 8.	2.9	4

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37	Hemophagocytic Lymphohistiocytosis in a Patient with Relapsed Chronic Lymphocytic Leukemia Treated with Ibrutinib. <i>Blood</i> , 2015, 126, 4616-4616.	1.4	3
38	Improvement of HSV-1 based amplicon vectors for a safe and long-lasting gene therapy in non-replicating cells. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 21, 399-412.	4.1	2
39	ROLE OF PURINERGIC RECEPTORS IN CELL DEATH AND CYTOKINE RELEASE IN THE IMMUNE SYSTEM. <i>Biochemical Society Transactions</i> , 1996, 24, 560S-560S.	3.4	0