Francesco Di Virgilio

List of Publications by Year
in descending order

321 papers	35,705 citations	2427 97 h-index	4117 175 g-index
358 all docs	358 docs citations	358 times ranked	31066 citing authors

#	Article	IF	Citations
1	The P2X7 purinergic receptor in intervertebral disc degeneration. Journal of Cellular Physiology, 2022, 237, 1418-1428.	4.1	6
2	Extracellular ATP is increased by release of ATP-loaded microparticles triggered by nutrient deprivation. Theranostics, 2022, 12, 859-874.	10.0	13
3	Irradiation causes senescence, ATP release, and P2X7 receptor isoform switch in glioblastoma. Cell Death and Disease, 2022, 13, 80.	6.3	24
4	Lactate Rewires Lipid Metabolism and Sustains a Metabolicâ€“Epigenetic Axis in Prostate Cancer. Cancer Research, 2022, 82, 1267-1282.	0.9	52
5	Signalling by extracellular nucleotides in health and disease. Biochimica Et Biophysica Acta - Molecular Cell Research, 2022, 1869, 119237.	4.1	23
6	The Purinergic Landscape of Type 2 Diabetes Mellitus. Molecules, 2022, 27, 1838.	3.8	4
7	A2A Receptor Contributes to Tumor Progression in P2X7 Null Mice. Frontiers in Cell and Developmental Biology, 2022, 10, .	3.7	5
8	Modulation of Cell Energy Metabolism by the P2X7 Receptor. Methods in Molecular Biology, 2022, , 53-63.	0.9	1
9	P2 Receptors: Novel Disease Markers and Metabolic Checkpoints in Immune Cells. Biomolecules, 2022, 12, 983.	4.0	6
10	Expression and function of the P2X7 receptor in human osteoblasts: The role of NFATc1 transcription factor. Journal of Cellular Physiology, 2021, 236, 641-652.	4.1	10
11	P2X7 is a cytotoxic receptorâ€¦.maybe not: implications for cancer. Purinergic Signalling, 2021, 17, 55-61.	2.2	13
12	Update of P2X receptor properties and their pharmacology: IUPHAR Review 30. British Journal of Pharmacology, 2021, 178, 489-514.	5.4	165
13	Geoffrey Burnstock â€“ An accidental pharmacologist. Biochemical Pharmacology, 2021, 187, 114300.	4.4	0
14	In Vivo Detection of Extracellular Adenosine Triphosphate in a Mouse Model of Traumatic Brain Injury. Journal of Neurotrauma, 2021, 38, 655-664.	3.4	16
15	The P2X7 Receptor Is Overexpressed in the Lesional Skin of Subjects Affected by Hidradenitis Suppurativa: A Preliminary Study. Dermatology, 2021, 237, 111-118.	2.1	12
16	Mitochondrial P2X7 Receptor Localization Modulates Energy Metabolism Enhancing Physical Performance. Function, 2021, 2, zqab005.	2.3	29
17	From purines to purinergic signalling: molecular functions and human diseases. Signal Transduction and Targeted Therapy, 2021, 6, 162.	17.1	171
18	P2X7: a receptor with a split personality that raises new hopes for anti-cancer therapy. Purinergic Signalling, 2021, 17, 175-178.	2.2	4

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19	P2X receptors in cancer growth and progression. Biochemical Pharmacology, 2021, 187, 114350.	4.4	20
20	Molecular Mechanisms Related to Oxidative Stress in Retinitis Pigmentosa. Antioxidants, 2021, 10, 848.	5.1	40
21	ATP and cancer immunosurveillance. EMBO Journal, 2021, 40, e108130.	7.8	105
22	The P2X7 Receptor: A Promising Pharmacological Target in Diabetic Retinopathy. International Journal of Molecular Sciences, 2021, 22, 7110.	4.1	17
23	Astrocytesâ€derived extracellular vesicles in motion at the neuron surface: Involvement of the prion protein. Journal of Extracellular Vesicles, 2021, 10, e12114.	12.2	19
24	Maria Teresa Miras Portugal (1948â€“2021): in memoriam. Purinergic Signalling, 2021, 17, 515-517.	2.2	1
25	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: Ion channels. British Journal of Pharmacology, 2021, 178, S157-S245.	5.4	187
26	A3 Adenosine and P2X7 Purinergic Receptors as New Targets for an Innovative Pharmacological Therapy of Malignant Pleural Mesothelioma. Frontiers in Oncology, 2021, 11, 679285.	2.8	13
27	Editorial overview: Immunometabolism. Current Opinion in Pharmacology, 2021, 60, 168-169.	3.5	0
28	The P2RX7B splice variant modulates osteosarcoma cell behaviour and metastatic properties. Journal of Bone Oncology, 2021, 31, 100398.	2.4	14
29	P2X7 promotes metastatic spreading and triggers release of miRNA-containing exosomes and microvesicles from melanoma cells. Cell Death and Disease, 2021, 12, 1088.	6.3	31
30	P2X7 receptor is essential for cross-dressing of bone marrow-derived dendritic cells. IScience, 2021, 24, 103520.	4.1	3
31	Differential sensitivity of acute myeloid leukemia cells to daunorubicin depends on P2X7A versus P2X7B receptor expression. Cell Death and Disease, 2020, 11, 876.	6.3	39
32	Extracellular ATP: A Feasible Target for Cancer Therapy. Cells, 2020, 9, 2496.	4.1	126
33	P2X7 Receptor Activity Limits Accumulation of T Cells within Tumors. Cancer Research, 2020, 80, 3906-3919.	0.9	36
34	Denatonium as a Bitter Taste Receptor Agonist Modifies Transcriptomic Profile and Functions of Acute Myeloid Leukemia Cells. Frontiers in Oncology, 2020, 10, 1225.	2.8	14
35	The P2X7 Receptor 489C>T Gain of Function Polymorphism Favors HHV-6A Infection and Associates With Female Idiopathic Infertility. Frontiers in Pharmacology, 2020, 11, 96.	3.5	16
36	Purinergic signaling, DAMPs, and inflammation. American Journal of Physiology - Cell Physiology, 2020, 318, C832-C835.	4.6	127

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37	Association of Hypomorphic P2X7 Receptor Genotype With Age. Frontiers in Molecular Neuroscience, 2020, 13, 8.	2.9	4
38	P2X7 in Cancer: From Molecular Mechanisms to Therapeutics. Frontiers in Pharmacology, 2020, 11, 793.	3.5	102
39	Ectonucleotidases in Acute and Chronic Inflammation. Frontiers in Pharmacology, 2020, 11, 619458.	3.5	32
40	Detection of Extracellular ATP in the Tumor Microenvironment, Using the pmeLUC Biosensor. Methods in Molecular Biology, 2020, 2041, 183-195.	0.9	27
41	A rationale for targeting the P2X7 receptor in Coronavirus disease 19. British Journal of Pharmacology, 2020, 177, 4990-4994.	5.4	60
42	P2X receptors (version 2020.4) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2020, 2020, .	0.2	1
43	ATP in the tumour microenvironment drives expression of nfP2X7, a key mediator of cancer cell survival. Oncogene, 2019, 38, 194-208.	5.9	136
44	Extreme thrombocytosis in systemic juvenile idiopathic arthritis. A case report. Italian Journal of Pediatrics, 2019, 45, 73.	2.6	4
45	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: Ion channels. British Journal of Pharmacology, 2019, 176, S142-S228.	5.4	242
46	TRPP2 dysfunction decreases ATP-evoked calcium, induces cell aggregation and stimulates proliferation in T lymphocytes. BMC Nephrology, 2019, 20, 355.	1.8	12
47	Structure, function and techniques of investigation of the P2X7 receptor (P2X7R) in mammalian cells. Methods in Enzymology, 2019, 629, 115-150.	1.0	35
48	The P2X7 receptor modulates immune cells infiltration, ectonucleotidases expression and extracellular ATP levels in the tumor microenvironment. Oncogene, 2019, 38, 3636-3650.	5.9	144
49	Editorial overview: Purinergic P2X receptors in innate immunity and inflammation. Current Opinion in Pharmacology, 2019, 47, 141-144.	3.5	4
50	The P2X7 Receptor Is Shed Into Circulation: Correlation With C-Reactive Protein Levels. Frontiers in Immunology, 2019, 10, 793.	4.8	26
51	P2X7 Receptor Expression in Patients With Serositis Related to Systemic Lupus Erythematosus. Frontiers in Pharmacology, 2019, 10, 435.	3.5	23
52	Amyloid Î²-dependent mitochondrial toxicity in mouse microglia requires P2X7 receptor expression and is prevented by nimodipine. Scientific Reports, 2019, 9, 6475.	3.3	45
53	Role of the P2X7 receptor in tumor-associated inflammation. Current Opinion in Pharmacology, 2019, 47, 59-64.	3.5	38
54	Pharmacological blockade of the P2X7 receptor reverses retinal damage in a rat model of type 1 diabetes. Acta Diabetologica, 2019, 56, 1031-1036.	2.5	30

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55	Intercellular Calcium Signaling Induced by ATP Potentiates Macrophage Phagocytosis. Cell Reports, 2019, 27, 1-10.e4.	6.4	85
56	AB0169â€…SNP (1513A>C AND 489C>T) OF P2X7 RECEPTOR IN SYSTEMIC LUPUS ERYTHEMATOSUS WITH SEROSITIS. , 2019, , .		0
57	Extracellular nucleotides and nucleosides as signalling molecules. Immunology Letters, 2019, 205, 16-24.	2.5	154
58	Role of the P2X7 receptor in in vitro and in vivo glioma tumor growth. Oncotarget, 2019, 10, 4840-4856.	1.8	26
59	P2X receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2019, 2019, .	0.2	2
60	Modulation of innate and adaptive immunity by P2X ion channels. Current Opinion in Immunology, 2018, 52, 51-59.	5.5	63
61	The Elusive P2X7 Macropore. Trends in Cell Biology, 2018, 28, 392-404.	7.9	205
62	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	11.2	4,036
63	The P2X7 receptor: A main player in inflammation. Biochemical Pharmacology, 2018, 151, 234-244.	4.4	282
64	Macrophage P2X4 receptors augment bacterial killing and protect against sepsis. JCI Insight, 2018, 3, .	5.0	82
65	Islet-Derived eATP Fuels Autoreactive CD8+ T Cells and Facilitates the Onset of Type 1 Diabetes. Diabetes, 2018, 67, 2038-2053.	0.6	17
66	Non-nucleotide Agonists Triggering P2X7 Receptor Activation and Pore Formation. Frontiers in Pharmacology, 2018, 9, 39.	3.5	70
67	Microglia P2X4 receptors as pharmacological targets for demyelinating diseases. EMBO Molecular Medicine, 2018, 10, .	6.9	18
68	Extracellular ATP and P2 purinergic signalling in the tumour microenvironment. Nature Reviews Cancer, 2018, 18, 601-618.	28.4	491
69	Extracellular ATP is a danger signal activating P2X7 receptor in a LPS mediated inflammation (ARDS/ALI). Oncotarget, 2018, 9, 30635-30648.	1.8	45
70	SAT0006â€…P2x7 receptor in systemic lupus erythematosus (SLE). exploring a novel pathogenetic pathway in lupus related serositis. , 2018, , .		0
71	Extracellular purines, purinergic receptors and tumor growth. Oncogene, 2017, 36, 293-303.	5.9	428
72	â€œHemophagocytic Lymphohistiocytosis after EBV reactivation and ibrutinib treatment in relapsed/refractory Chronic Lymphocytic Leukemiaâ€• Leukemia Research Reports, 2017, 7, 11-13.	0.4	6

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73	Design, synthesis and evaluation in an LPS rodent model of neuroinflammation of a novel 18F-labelled PET tracer targeting P2X7. EJNMMI Research, 2017, 7, 31.	2.5	50
74	The P2X7 Receptor in Infection and Inflammation. Immunity, 2017, 47, 15-31.	14.3	853
75	Use of luciferase probes to measure ATP in living cells and animals. Nature Protocols, 2017, 12, 1542-1562.	12.0	149
76	Extracellular ATP Activates the NLRP3 Inflammasome and Is an Early Danger Signal of Skin Allograft Rejection. Cell Reports, 2017, 21, 3414-3426.	6.4	126
77	The P2X7 Receptor-Interleukin-1 Liaison. Frontiers in Pharmacology, 2017, 8, 123.	3.5	142
78	P2Y6 Receptor Activation Promotes Inflammation and Tissue Remodeling in Pulmonary Fibrosis. Frontiers in Immunology, 2017, 8, 1028.	4.8	27
79	ATP Release from Chemotherapy-Treated Dying Leukemia Cells Elicits an Immune Suppressive Effect by Increasing Regulatory T Cells and Tolerogenic Dendritic Cells. Frontiers in Immunology, 2017, 8, 1918.	4.8	72
80	Extracellular ATP induces apoptosis through P2X7R activation in acute myeloid leukemia cells but not in normal hematopoietic stem cells. Oncotarget, 2017, 8, 5895-5908.	1.8	45
81	The purinergic receptor subtype P2Y2 mediates chemotaxis of neutrophils and fibroblasts in fibrotic lung disease. Oncotarget, 2017, 8, 35962-35972.	1.8	28
82	P2Ã—7 targeting inhibits growth of human mesothelioma. Oncotarget, 2016, 7, 49664-49676.	1.8	42
83	Caloric Restriction Mimetics Enhance Anticancer Immunosurveillance. Cancer Cell, 2016, 30, 147-160.	16.8	410
84	Assessing Extracellular ATP as Danger Signal In Vivo: The pmeLuc System. Methods in Molecular Biology, 2016, 1417, 115-129.	0.9	25
85	Editorial overview: Cancer. Current Opinion in Pharmacology, 2016, 29, v-vii.	3.5	0
86	Purinergic signalling in autoimmunity: A role for the P2X7R in systemic lupus erythematosus?. Biomedical Journal, 2016, 39, 326-338.	3.1	30
87	Involvement of the P2X7-NLRP3 axis in leukemic cell proliferation and death. Scientific Reports, 2016, 6, 26280.	3.3	47
88	AB0595â€...Descriptive Analysis of A Single Center Series of 23 Patients with Positive PM-SCL Antibody. Annals of the Rheumatic Diseases, 2016, 75, 1108.1-1108.	0.9	0
89	P2 receptors in cancer progression and metastatic spreading. Current Opinion in Pharmacology, 2016, 29, 17-25.	3.5	43
90	P2RX7: A receptor with a split personality in inflammation and cancer. Molecular and Cellular Oncology, 2016, 3, e1010937.	0.7	23

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91	Chemotherapy-Dependent ATP Release from Leukemia Dying Cells Induces Indoleamine 2,3-Dioxygenase 1 in Dendritic Cells. Blood, 2016, 128, 3711-3711.	1.4	0
92	A Commentary on Ã¢â‚¬Å“PTX3 is an Extrinsic Oncosuppressor Regulating Complement-Dependent Inflammation in CancerÃ¢â‚¬Â• Frontiers in Oncology, 2015, 5, 118.	2.8	2
93	Purinergic signaling in the immune system. Autonomic Neuroscience: Basic and Clinical, 2015, 191, 117-123.	2.8	189
94	Accelerated Tumor Progression in Mice Lacking the ATP Receptor P2X7. Cancer Research, 2015, 75, 635-644.	0.9	157
95	The P2X7 receptor directly interacts with the NLRP3 inflammasome scaffold protein. FASEB Journal, 2015, 29, 2450-2461.	0.5	169
96	p53 at the endoplasmic reticulum regulates apoptosis in a Ca ²⁺ -dependent manner. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1779-1784.	7.1	247
97	Hemophagocytic Lymphohistiocytosis in a Patient with Relapsed Chronic Lymphocytic Leukemia Treated with Ibrutinib. Blood, 2015, 126, 4616-4616.	1.4	3
98	P2X Receptors and Inflammation. Current Medicinal Chemistry, 2015, 22, 866-877.	2.4	70
99	P2X7 Receptor Activation By ATP As Target of Novel Therapies in Acute Myeloid Leukemia. Blood, 2015, 126, 3684-3684.	1.4	0
100	The Induction of Inhibitory Pathways in Dendritic Cells May Hamper the Efficient Activation of Anti-Leukemia T Cells within Chemotherapy-Induced Immunogenic Cell Death. Blood, 2015, 126, 1019-1019.	1.4	0
101	Trophic Activity of Human P2X7 Receptor Isoforms A and B in Osteosarcoma. PLoS ONE, 2014, 9, e107224.	2.5	78
102	ATP/P2X7 axis modulates myeloid-derived suppressor cell functions in neuroblastoma microenvironment. Cell Death and Disease, 2014, 5, e1135-e1135.	6.3	102
103	Possible protective role of the 489C>T P2X7R polymorphism in Alzheimer's disease. Experimental Gerontology, 2014, 60, 117-119.	2.8	40
104	Purinergic signalling and cancer. Purinergic Signalling, 2013, 9, 491-540.	2.2	258
105	The Therapeutic Potential of Modifying Inflammasomes and NOD-Like Receptors. Pharmacological Reviews, 2013, 65, 872-905.	16.0	143
106	Why myotoxin-containing snake venoms possess powerful nucleotidases?. Biochemical and Biophysical Research Communications, 2013, 430, 1289-1293.	2.1	33
107	Detecting adenosine triphosphate in the pericellular space. Interface Focus, 2013, 3, 20120101.	3.0	115
108	Reply to: â€˜The discovery of a new class of synaptic transmitters in smooth muscle fifty years ago and amelioration of coronary artery thrombosisâ€™. Acta Physiologica, 2013, 208, 139-140.	3.8	1

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109	The adjuvant MF59 induces ATP release from muscle that potentiates response to vaccination. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 21095-21100.	7.1	125
110	Anti-Tumor Activity of a miR-199-dependent Oncolytic Adenovirus. PLoS ONE, 2013, 8, e73964.	2.5	53
111	Expression of P2X7 Receptor IncreasesIn VivoTumor Growth. Cancer Research, 2012, 72, 2957-2969.	0.9	324
112	Transient P2X7 Receptor Activation Triggers Macrophage Death Independent of Toll-like Receptors 2 and 4, Caspase-1, and Pannexin-1 Proteins. Journal of Biological Chemistry, 2012, 287, 10650-10663.	3.4	62
113	Purinergic signaling inhibits human acute myeloblastic leukemia cell proliferation, migration, and engraftment in immunodeficient mice. Blood, 2012, 119, 217-226.	1.4	52
114	Extracellular ATP Exerts Opposite Effects on Activated and Regulatory CD4+ T Cells via Purinergic P2 Receptor Activation. Journal of Immunology, 2012, 189, 1303-1310.	0.8	121
115	Purines, Purinergic Receptors, and Cancer. Cancer Research, 2012, 72, 5441-5447.	0.9	258
116	ILâ€18 associates to microvesicles shed from human macrophages by a LPS/TLRâ€4 independent mechanism in response to P2X receptor stimulation. European Journal of Immunology, 2012, 42, 3334-3345.	2.9	65
117	The P2X7 receptor is a key modulator of aerobic glycolysis. Cell Death and Disease, 2012, 3, e370-e370.	6.3	117
118	Nimodipine inhibits ILâ€1Î² release stimulated by amyloid Î² from microglia. British Journal of Pharmacology, 2012, 167, 1702-1711.	5.4	45
119	Purinergic P2Y2 Receptors Promote Neutrophil Infiltration and Hepatocyte Death in Mice With Acute Liver Injury. Gastroenterology, 2012, 143, 1620-1629.e4.	1.3	75
120	P2 receptors and immunity. Microbes and Infection, 2012, 14, 1254-1262.	1.9	50
121	AMP Affects Intracellular Ca2+ Signaling, Migration, Cytokine Secretion and T Cell Priming Capacity of Dendritic Cells. PLoS ONE, 2012, 7, e37560.	2.5	9
122	P2X7 receptorâ€stimulation causes fever via PGE2 and ILâ€1Î² release. FASEB Journal, 2012, 26, 2951-2962.	0.5	123
123	The sixth sense: hematopoietic stem cells detect danger through purinergic signaling. Blood, 2012, 120, 2365-2375.	1.4	83
124	Special issue on cell and molecular biology of purinergic signalling: an introduction. Purinergic Signalling, 2012, 8, 341-341.	2.2	4
125	P2X7 receptor-stimulation causes fever via PGE2 and IL-1Î² release. , 2012, 26, 2951.		1
126	P2X7 receptor drives osteoclast fusion by increasing the extracellular adenosine concentration. FASEB Journal, 2011, 25, 1264-1274.	0.5	81

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127	Autophagy-Dependent Anticancer Immune Responses Induced by Chemotherapeutic Agents in Mice. Science, 2011, 334, 1573-1577.	12.6	1,159
128	Purinergic stimulation of human mesenchymal stem cells potentiates their chemotactic response to CXCL12 and increases the homing capacity and production of proinflammatory cytokines. Experimental Hematology, 2011, 39, 360-374.e5.	0.4	73
129	European meeting â€œP2 receptors: new targets for the treatment of osteoporosisâ€• Purinergic Signalling, 2011, 7, 275-276.	2.2	4
130	The P2X7 Receptor and Pannexin-1 Are Both Required for the Promotion of Multinucleated Macrophages by the Inflammatory Cytokine GM-CSF. Journal of Immunology, 2011, 187, 3878-3887.	0.8	47
131	P2X₇ Receptor Signaling in the Pathogenesis of Smoke-Induced Lung Inflammation and Emphysema. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 423-429.	2.9	130
132	Purinergic Regulation of Airway Inflammation. Sub-Cellular Biochemistry, 2011, 55, 159-193.	2.4	7
133	P2 receptors and extracellular ATP: a novel homeostatic pathway in inflammation. Frontiers in Bioscience - Scholar, 2011, S3, 1443.	2.1	130
134	ATP secreted by endothelial cells blocks CX3CL1-elicited natural killer cell chemotaxis and cytotoxicity via P2Y11 receptor activation. Blood, 2010, 116, 4492-4500.	1.4	49
135	Graft-versus-host disease is enhanced by extracellular ATP activating P2X7R. Nature Medicine, 2010, 16, 1434-1438.	30.7	376
136	The purinergic receptor P2Y₂ receptor mediates chemotaxis of dendritic cells and eosinophils in allergic lung inflammation. Allergy: European Journal of Allergy and Clinical Immunology, 2010, 65, 1545-1553.	5.7	141
137	Extracellular Adenosine Triphosphate and Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 928-934.	5.6	174
138	Dysregulation of P2X7 receptor-inflammasome axis in SAPHO syndrome: successful treatment with anakinra. Rheumatology, 2010, 49, 1416-1418.	1.9	84
139	Purinergic Receptor Inhibition Prevents the Development of Smoke-Induced Lung Injury and Emphysema. Journal of Immunology, 2010, 185, 688-697.	0.8	119
140	Trophic activity of a naturally occurring truncated isoform of the P2X7 receptor. FASEB Journal, 2010, 24, 3393-3404.	0.5	218
141	Diadenosine Homodinucleotide Products of ADP-ribosyl Cyclases Behave as Modulators of the Purinergic Receptor P2X7. Journal of Biological Chemistry, 2010, 285, 21165-21174.	3.4	10
142	Functional and structural alterations in the endoplasmic reticulum and mitochondria during apoptosis triggered by C2-ceramide and CD95/APO-1/FAS receptor stimulation. Biochemical and Biophysical Research Communications, 2010, 391, 575-581.	2.1	17
143	The Inflammation Signaling Molecule ATP Regulates Human CD4+ T Cell Functions. Blood, 2010, 116, 3901-3901.	1.4	0
144	Purinergic Stimulation of Human Bone Marrow-Derived Mesenchymal Stem Cells Modulate Their Function and Differentiation Potential.. Blood, 2010, 116, 3848-3848.	1.4	0

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145	5-Hydroxytryptamine Modulates Migration, Cytokine and Chemokine Release and T-Cell Priming Capacity of Dendritic Cells In Vitro and In Vivo. PLoS ONE, 2009, 4, e6453.	2.5	137
146	Expression of the P2X7 Receptor Increases the Ca2+ Content of the Endoplasmic Reticulum, Activates NFATc1, and Protects from Apoptosis. Journal of Biological Chemistry, 2009, 284, 10120-10128.	3.4	95
147	Activation of Microglia by Amyloid Î² Requires P2X7 Receptor Expression. Journal of Immunology, 2009, 182, 4378-4385.	0.8	256
148	1513A>C Polymorphism in the P2X7 Receptor Gene in Patients with Papillary Thyroid Cancer: Correlation with Histological Variants and Clinical Parameters. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 695-698.	3.6	43
149	Dysfunctional inflammasome in Schnitzler's syndrome. Rheumatology, 2009, 48, 1304-1308.	1.9	77
150	Extracellular ATP Acting at the P2X7 Receptor Inhibits Secretion of Soluble HLA-G from Human Monocytes. Journal of Immunology, 2009, 183, 4302-4311.	0.8	34
151	P2X7: a growth-promoting receptorâ€"implications for cancer. Purinergic Signalling, 2009, 5, 251-256.	2.2	124
152	Editorial. Purinergic Signalling, 2009, 5, 127-128.	2.2	0
153	Identification of novel immunosuppressive pathways paves the way for drug discovery. Current Opinion in Pharmacology, 2009, 9, 445-446.	3.5	4
154	Extracellular nucleotides as negative modulators of immunity. Current Opinion in Pharmacology, 2009, 9, 507-513.	3.5	107
155	Purinergic signalling in inflammation of the central nervous system. Trends in Neurosciences, 2009, 32, 79-87.	8.6	212
156	Purinergic Signaling Modulates Human Bone Marrow-Derived Mesenchymal Stem Cells Function.. Blood, 2009, 114, 1441-1441.	1.4	1
157	P2X₇ gene polymorphisms do not appear to be a susceptibility gene locus in sporadic cases of systemic lupus erythematosus. Tissue Antigens, 2008, 72, 487-490.	1.0	14
158	The Human Cathelicidin LL-37 Modulates the Activities of the P2X7 Receptor in a Structure-dependent Manner. Journal of Biological Chemistry, 2008, 283, 30471-30481.	3.4	121
159	Increased P2X7 Receptor Expression and Function in Thyroid Papillary Cancer: A New Potential Marker of the Disease?. Endocrinology, 2008, 149, 389-396.	2.8	123
160	Activation of Human Alveolar Macrophages via P2 Receptors: Coupling to Intracellular Ca2+ Increases and Cytokine Secretion. Journal of Immunology, 2008, 181, 2181-2188.	0.8	57
161	Increased Level of Extracellular ATP at Tumor Sites: In Vivo Imaging with Plasma Membrane Luciferase. PLoS ONE, 2008, 3, e2599.	2.5	546
162	Stimulation of P2 (P2X 7) receptors in human dendritic cells induces the release of tissue factorâ€bearing microparticles. FASEB Journal, 2007, 21, 1926-1933.	0.5	87

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163	Multiple P2X receptors are involved in the modulation of apoptosis in human mesangial cells: evidence for a role of P2X4. American Journal of Physiology - Renal Physiology, 2007, 292, F1537-F1547.	2.7	30
164	Increased sensitivity to extracellular ATP of fibroblasts from patients affected by systemic sclerosis. Annals of the Rheumatic Diseases, 2007, 66, 1124-1125.	0.9	9
165	Stimulation of P2 receptors causes release of IL-1Î²â€“loaded microvesicles from human dendritic cells. Blood, 2007, 109, 3856-3864.	1.4	229
166	The extracellular nucleotide UTP is a potent inducer of hematopoietic stem cell migration. Blood, 2007, 109, 533-542.	1.4	93
167	Liaisons dangereuses: P2X7 and the inflammasome. Trends in Pharmacological Sciences, 2007, 28, 465-472.	8.7	446
168	Extracellular ATP triggers and maintains asthmatic airway inflammation by activating dendritic cells. Nature Medicine, 2007, 13, 913-919.	30.7	559
169	Stimulation of Purinergic Receptors Modulates Chemokine Expression in Human Keratinocytes. Journal of Investigative Dermatology, 2007, 127, 660-667.	0.7	51
170	Modulation of P2X7 receptor functions by polymyxin B: crucial role of the hydrophobic tail of the antibiotic molecule. British Journal of Pharmacology, 2007, 150, 445-454.	5.4	33
171	Acute retinal ganglion cell injury caused by intraocular pressure spikes is mediated by endogenous extracellular ATP. European Journal of Neuroscience, 2007, 25, 2741-2754.	2.6	128
172	Purinergic signalling in the immune system. A brief update. Purinergic Signalling, 2007, 3, 1-3.	2.2	84
173	A role for P2X7in microglial proliferation. Journal of Neurochemistry, 2006, 99, 745-758.	3.9	127
174	First joint Italian-German Purine Club meeting â€˜Progress in Purinergic Receptor Pharmacology and Functionâ€². Purinergic Signalling, 2006, 2, 573-574.	2.2	0
175	P2X7 purinergic receptors and extracellular ATP mediate apoptosis of human monocytes/macrophages infected with Mycobacterium tuberculosis reducing the intracellular bacterial viability. Cellular Immunology, 2006, 244, 10-18.	3.0	75
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