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Pharmacological and second messenger signalling selectivities of cloned P2Y receptors

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#	Paper	IF	Citations
68	Characterization of Ca ²⁺ influx through recombinant P2X receptor in C6BU-1 cells. <i>British Journal of Pharmacology</i> , 1998 , 124, 1484-90	8.6	16
67	Metabotropic receptors for ATP and UTP: exploring the correspondence between native and recombinant nucleotide receptors. <i>Trends in Pharmacological Sciences</i> , 1998 , 19, 506-14	13.2	128
66	Ca ²⁺ mobilization in bovine corneal endothelial cells by P2 purinergic receptors. <i>Current Eye Research</i> , 1998 , 17, 994-1004	2.9	39
65	Chemotactic, mitogenic, and angiogenic actions of UTP on vascular endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999 , 276, H1091-7	5.2	20
64	Intravascular ATP and coronary vasodilation in the isolated working rat heart. <i>British Journal of Pharmacology</i> , 1999 , 127, 701-8	8.6	21
63	Vasoconstriction of intrapulmonary arteries to P2-receptor nucleotides in normal and pulmonary hypertensive newborn piglets. <i>British Journal of Pharmacology</i> , 1999 , 128, 549-55	8.6	17
62	Vasodilatation of intrapulmonary arteries to P2-receptor nucleotides in normal and pulmonary hypertensive newborn piglets. <i>British Journal of Pharmacology</i> , 1999 , 128, 543-8	8.6	25
61	Novel ligands for P2 receptor subtypes in innervated tissues. <i>Progress in Brain Research</i> , 1999 , 120, 107-129		13
60	Extracellular nucleotides activate the p38-stress-activated protein kinase cascade in glomerular mesangial cells. <i>British Journal of Pharmacology</i> , 2000 , 129, 612-8	8.6	45
59	Ecto-nucleotide pyrophosphatase modulates the purinoceptor-mediated signal transduction and is inhibited by purinoceptor antagonists. <i>British Journal of Pharmacology</i> , 2000 , 130, 139-45	8.6	46
58	Extracellular ATP couples to cAMP generation and granulocytic differentiation in human NB4 promyelocytic leukaemia cells. <i>Immunology and Cell Biology</i> , 2000 , 78, 467-73	5	19
57	Purinergic activation of spontaneous transient outward currents in guinea pig taenia colonic myocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2000 , 278, C352-62	5.4	69
56	Intracellular calcium events activated by ATP in murine colonic myocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2000 , 279, C126-35	5.4	88
55	A primitive ATP receptor from the little skate <i>Raja erinacea</i> . <i>Journal of Biological Chemistry</i> , 2000 , 275, 30701-6	5.4	23
54	Extracellular ATP couples to cAMP generation and granulocytic differentiation in human NB4 promyelocytic leukaemia cells. <i>Immunology and Cell Biology</i> , 2000 , 78, 467-473	5	9
53	Phosphate-substituted ATP analogs are antagonists at human P2Y ₁ purinoceptors. <i>Archives of Biochemistry and Biophysics</i> , 2000 , 381, 171-2	4.1	3
52	Adenosine triphosphate is full antagonist at human P2Y ₁ purinoceptors. <i>Neuroscience Letters</i> , 2000 , 284, 179-81	3.3	10

51	Apical P2Y4 purinergic receptor controls K ⁺ secretion by vestibular dark cell epithelium. <i>American Journal of Physiology - Cell Physiology</i> , 2001 , 281, C282-9	5.4	26
50	Adenosine 5'triphosphate: a P2-purinergic agonist in the myocardium. <i>Physiological Reviews</i> , 2001 , 81, 767-806	47.9	242
49	Agonists of the P2Y(AC)-receptor activate MAP kinase by a ras-independent pathway in rat C6 glioma. <i>Journal of Neurochemistry</i> , 2001 , 78, 1325-38	6	30
48	Heterogeneous control of blood flow amongst different vascular beds. <i>Medicinal Research Reviews</i> , 2001 , 21, 1-60	14.4	146
47	P2Y(AC)(-)-receptor agonists enhance the proliferation of rat C6 glioma cells through activation of the p42/44 mitogen-activated protein kinase. <i>British Journal of Pharmacology</i> , 2001 , 134, 402-8	8.6	27
46	Novel modified adenosine 5'triphosphate analogues pharmacologically characterized in human embryonic kidney 293 cells highly expressing rat brain P2Y(1) receptor: Biotinylated analogue potentially suitable for specific P2Y(1) receptor isolation. <i>Biochemical Pharmacology</i> , 2001 , 61, 1259-69	6	10
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44	Ca(2 ⁺) signalling by recombinant human CXCR2 chemokine receptors is potentiated by P2Y nucleotide receptors in HEK cells. <i>British Journal of Pharmacology</i> , 2002 , 135, 1199-208	8.6	28
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33	Potential of P2Y receptors by physiological elevations of extracellular K ⁺ via a mechanism independent of Ca ²⁺ influx. <i>Molecular Pharmacology</i> , 2005 , 67, 1705-13	4.3	10
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31	The pyrimidinergic P2Y ₆ receptor mediates a novel release of proinflammatory cytokines and chemokines in monocytic cells stimulated with UDP. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 330, 467-73	3.4	47
30	Phospholipase C and cAMP-dependent positive inotropic effects of ATP in mouse cardiomyocytes via P2Y ₁₁ -like receptors. <i>Journal of Molecular and Cellular Cardiology</i> , 2005 , 39, 223-30	5.8	56
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28	Integration of P2Y receptor-activated signal transduction pathways in G protein-dependent signalling networks. <i>Purinergic Signalling</i> , 2006 , 2, 451-69	3.8	50
27	Peculiarities of phospholipase C-dependent release of CA ²⁺ from intracellular stores upon activation of choline and purine receptors in myocytes of the guinea-pig small intestine. <i>Neurophysiology</i> , 2006 , 38, 1-8	0.6	
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24	Activation of P2Y ₁ receptor triggers two calcium signaling pathways in bone marrow erythroblasts. <i>European Journal of Pharmacology</i> , 2006 , 534, 30-8	5.3	15
23	Positive inotropic effects by uridine triphosphate (UTP) and uridine diphosphate (UDP) via P2Y ₂ and P2Y ₆ receptors on cardiomyocytes and release of UTP in man during myocardial infarction. <i>Circulation Research</i> , 2006 , 98, 970-6	15.7	84
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20	Purinergic 2X ₁ receptors mediate endothelial dependent vasodilation to ATP. <i>Molecular Pharmacology</i> , 2007 , 72, 1132-6	4.3	39
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