

Molecular Cloning and Characterization of the Human

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Lipocalin-Type Prostaglandin D Synthase (\hat{I}^2 -Trace) Is Located in Pigment Epithelial Cells of Rat Retina and Accumulates within Interphotoreceptor Matrix. <i>Journal of Neuroscience</i> , 1996, 16, 6119-6124.	3.6	70
2	Interaction of BW A868C, a prostanoid DP-receptor antagonist, with two receptor subtypes in the rabbit isolated saphenous vein. <i>Prostaglandins</i> , 1996, 52, 125-139.	1.2	15
3	Platelet prostanoid receptors. , 1996, 72, 171-191.		87
4	Identification of Domains Conferring Ligand Binding Specificity to the Prostanoid Receptor. <i>Journal of Biological Chemistry</i> , 1997, 272, 15154-15160.	3.4	45
5	Bicyclo[2.2.1]heptane and 6,6-Dimethylbicyclo[3.1.1]heptane Derivatives: Orally Active, Potent, and Selective Prostaglandin D2 Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 3504-3507.	6.4	35
6	Molecular cloning and characterization of the four rat prostaglandin E2 prostanoid receptor subtypes. <i>European Journal of Pharmacology</i> , 1997, 340, 227-241.	3.5	267
7	Detection of EP2, EP4, and FP receptors in human ciliary epithelial and ciliary muscle cells. <i>Biochemical Pharmacology</i> , 1997, 53, 1249-1255.	4.4	46
8	The molecular biology and ocular distribution of prostanoid receptors. <i>Survey of Ophthalmology</i> , 1997, 41, S15-S21.	4.0	48
9	Expression of messenger RNA for the prostaglandin D receptor in the leptomeninges of the mouse brain. <i>FEBS Letters</i> , 1997, 417, 53-56.	2.8	55
10	Expression of lipocalin-type prostaglandin D synthase (\hat{A} -trace) in human heart and its accumulation in the coronary circulation of angina patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 14689-14694.	7.1	154
11	Characterization of the prostanoid receptor(s) on human blood monocytes at which prostaglandin E2 inhibits lipopolysaccharide-induced tumour necrosis factor- α generation. <i>British Journal of Pharmacology</i> , 1997, 122, 149-157.	5.4	90
12	Ligand binding specificities of the eight types and subtypes of the mouse prostanoid receptors expressed in Chinese hamster ovary cells. <i>British Journal of Pharmacology</i> , 1997, 122, 217-224.	5.4	474
13	Stepwise Activation of the Gonadotropic Signal Transduction Pathway, and the Ability of Prostaglandin F $_{2\alpha}$ to Inhibit This Activated Pathway. <i>Endocrine</i> , 1998, 8, 301-308.	2.2	4
14	Characterization of the recombinant human prostanoid DP receptor and identification of L-644,698, a novel selective DP agonist. <i>British Journal of Pharmacology</i> , 1998, 123, 1317-1324.	5.4	68
15	Distribution of prostaglandin IP and EP receptor subtypes and isoforms in platelets and human umbilical artery smooth muscle cells. <i>British Journal of Haematology</i> , 1998, 102, 1204-1211.	2.5	51
16	Use of a semi-automated, robotic radioimmunoassay to measure cAMP generated by activation of DP-, EP2-, and IP-prostaglandin receptors in human ocular and other cell types. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 1998, 59, 77-82.	2.2	19
17	Prostanoid Receptors. <i>Annual Reports in Medicinal Chemistry</i> , 1998, 33, 223-232.	0.9	9
18	Co-expression of Prostaglandin Receptors with Opposite Effects. <i>Biochemical Pharmacology</i> , 1998, 55, 239-246.	4.4	38

#	ARTICLE	IF	CITATIONS
19	Prostaglandin Receptors in the Kidney: A New Route for Intervention?. <i>Nephron Experimental Nephrology</i> , 1998, 6, 180-188.	2.2	16
20	Prostanoid Receptors: Structures, Properties, and Functions. <i>Physiological Reviews</i> , 1999, 79, 1193-1226.	28.8	2,228
21	Lack of tactile pain (allodynia) in lipocalin-type prostaglandin D synthase-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 726-730.	7.1	230
22	New class of biphenylene dibenzazocinones as potent ligands for the human EP1 prostanoid receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 2699-2704.	2.2	21
23	Prostanoid receptors involved in the relaxation of human pulmonary vessels. <i>British Journal of Pharmacology</i> , 1999, 126, 859-866.	5.4	109
24	Prostaglandin DP receptors positively coupled to adenylyl cyclase in embryonic bovine tracheal (EBTr) cells: pharmacological characterization using agonists and antagonists. <i>British Journal of Pharmacology</i> , 1999, 127, 204-210.	5.4	47
25	A novel biological role for prostaglandin D2 is suggested by distribution studies of the rat DP prostanoid receptor. <i>European Journal of Pharmacology</i> , 1999, 377, 101-115.	3.5	56
26	Prostaglandin D2 and sleep regulation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 1999, 1436, 606-615.	2.4	134
27	Prostaglandin receptors: their role in regulating renal function. <i>Current Opinion in Nephrology and Hypertension</i> , 2000, 9, 23-29.	2.0	87
28	A Reporter Gene Assay for High-Throughput Screening of G-Protein-Coupled Receptors Stably or Transiently Expressed in HEK293 EBNA Cells Grown in Suspension Culture. <i>Analytical Biochemistry</i> , 2000, 284, 316-326.	2.4	118
29	Peroxisome proliferator-activated receptors are expressed in human cultured mast cells: a possible role of these receptors in negative regulation of mast cell activation. <i>European Journal of Immunology</i> , 2000, 30, 3363-3370.	2.9	72
30	Structure and chromosomal localization of human and mouse genes for hematopoietic prostaglandin D synthase. <i>FEBS Journal</i> , 2000, 267, 3315-3322.	0.2	89
31	Pharmacology and autoradiography of human DP prostanoid receptors using [3 H]-BWA868C, a DP receptor-selective antagonist radioligand. <i>British Journal of Pharmacology</i> , 2000, 131, 1025-1038.	5.4	28
32	The human prostanoid DP receptor stimulates mucin secretion in LS174T cells. <i>British Journal of Pharmacology</i> , 2000, 131, 1537-1545.	5.4	38
33	Biochemical, structural, genetic, physiological, and pathophysiological features of lipocalin-type prostaglandin D synthase. <i>BBA - Proteins and Proteomics</i> , 2000, 1482, 259-271.	2.1	290
34	Latanoprost-Induced Side Effects and Potential Mechanisms. <i>Cutaneous and Ocular Toxicology</i> , 2000, 19, 177-197.	0.3	1
35	Amino Acid Residues Conferring Ligand Binding Properties of Prostaglandin I and Prostaglandin D Receptors. <i>Journal of Biological Chemistry</i> , 2000, 275, 24294-24303.	3.4	33
36	Molecular Identification of a Rat Novel Organic Anion Transporter moat1, Which Transports Prostaglandin D2, Leukotriene C4, and Taurocholate. <i>Biochemical and Biophysical Research Communications</i> , 2000, 275, 831-838.	2.1	72

#	ARTICLE	IF	CITATIONS
37	Review: G-protein-coupled Receptors on Eosinophils. Pulmonary Pharmacology and Therapeutics, 2000, 13, 195-223.	2.6	12
38	Distribution and function of prostanoid receptors: studies from knockout mice. Progress in Lipid Research, 2000, 39, 289-314.	11.6	168
39	The utilization of recombinant prostanoid receptors to determine the affinities and selectivities of prostaglandins and related analogs. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2000, 1483, 285-293.	2.4	492
40	Prostaglandin D synthase: Structure and function. Vitamins and Hormones, 2000, 58, 89-120.	1.7	261
41	Selective modulation of chemokinesis, degranulation, and apoptosis in eosinophils through the PGD2 receptors CRTH2 and DP. Journal of Allergy and Clinical Immunology, 2001, 108, 982-988.	2.9	222
42	Prostanoid Receptors: Subtypes and Signaling. Annual Review of Pharmacology and Toxicology, 2001, 41, 661-690.	9.4	927
43	Pharmacology of functional endogenous IP prostanoid receptors in NCB-20 cells: comparison with binding data from human platelets. Prostaglandins Leukotrienes and Essential Fatty Acids, 2001, 65, 253-258.	2.2	11
44	Key Structural Features of Prostaglandin E ₂ and Prostanoid Analogs Involved in Binding and Activation of the Human EP ₁ Prostanoid Receptor. Molecular Pharmacology, 2001, 59, 1446-1456.	2.3	55
45	Prostanoid receptors: ontogeny and implications in vascular physiology. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 281, R1343-R1360.	1.8	74
46	Prostaglandin D2 synthase induces apoptosis in PC12 neuronal cells. NeuroReport, 2001, 12, 2623-2628.	1.2	39
47	Interaction of Prostaglandin F _{2α} and Prostaglandin-E ₂ on Progesterone Production in Human Granulosa-Luteal Cells. NeuroSignals, 2001, 10, 380-388.	0.9	5
48	Structure-activity relationship on the human EP3 prostanoid receptor by use of solid-support chemistry. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 747-749.	2.2	27
49	Structure-activity relationship of cinnamic acylsulfonamide analogues on the human EP3 prostanoid receptor. Bioorganic and Medicinal Chemistry, 2001, 9, 1977-1984.	3.0	105
50	Prostaglandin D2 receptor-mediated desensitization of the I ₁ isoform of the human thromboxane A2 receptor Abbreviations: cAMP, cyclic adenosine 5'-monophosphate; [Ca ²⁺] _i , intracellular calcium; DP, PGD2 receptor; HA, hemagglutinin; HEK, human embryonic kidney; HEL, human erythroleukaemia; HBS, HEPES-buffered saline; IP, prostacyclin receptor; IP3, inositol 1,4,5 trisphosphate; PG, prostaglandin; PKA, protein kinase A; PKC, protein kinase C; RT-PCR, reverse transcriptase-polymerase chain reaction; TXA2, thro. Biochemical Pharmacology, 2001, 62, 229-239.	4.4	30
51	G Protein-Coupled Prostanoid Receptors and the Kidney. Annual Review of Physiology, 2001, 63, 579-605.	13.1	218
52	Prostaglandin D2 Selectively Induces Chemotaxis in T Helper Type 2 Cells, Eosinophils, and Basophils via Seven-Transmembrane Receptor Crth2. Journal of Experimental Medicine, 2001, 193, 255-262.	8.5	1,025
53	Cutting Edge: Agonistic Effect of Indomethacin on a Prostaglandin D2 Receptor, CRTH2. Journal of Immunology, 2002, 168, 981-985.	0.8	139
54	PGD2 Modulates Fibroblast-Mediated Native Collagen Gel Contraction. American Journal of Respiratory Cell and Molecular Biology, 2002, 27, 375-381.	2.9	19

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55	Human prostacyclin receptor. <i>Vitamins and Hormones</i> , 2002, 65, 149-165.	1.7	49
56	Prostaglandin D2inhibits fibroblast migration. <i>European Respiratory Journal</i> , 2002, 19, 684-689.	6.7	26
57	Lipocalin-Type Prostaglandin D Synthase in Essential Hypertension. <i>Hypertension</i> , 2002, 39, 449-454.	2.7	82
58	Accumulation of CRTH2-positive T-helper 2 and T-cytotoxic 2 cells at implantation sites of human decidua in a prostaglandin D2-mediated manner. <i>Molecular Human Reproduction</i> , 2002, 8, 181-187.	2.8	67
59	Prostaglandin D2 and Its Metabolites Induce Caspase-Dependent Granulocyte Apoptosis That Is Mediated Via Inhibition of IÎ± Degradation Using a Peroxisome Proliferator-Activated Receptor-Î³-Independent Mechanism. <i>Journal of Immunology</i> , 2002, 168, 6232-6243.	0.8	122
60	Identification of a Novel Human Eicosanoid Receptor Coupled to Gi/o. <i>Journal of Biological Chemistry</i> , 2002, 277, 31459-31465.	3.4	140
61	Vascular Activities of Prostaglandins and Selective Prostanoid Receptor Agonists in Human Retinal Microvessels. <i>Experimental Eye Research</i> , 2002, 75, 155-163.	2.6	13
62	Mammalian Lipocalin-Type Prostaglandin D2 Synthase in the Fluids of the Male Genital Tract: Putative Biochemical and Physiological Functions1. <i>Biology of Reproduction</i> , 2002, 66, 458-467.	2.7	39
63	Prostanoid receptor subtypes. <i>Prostaglandins and Other Lipid Mediators</i> , 2002, 68-69, 535-556.	1.9	145
64	Prostaglandin D2and Reproduction. <i>American Journal of Reproductive Immunology</i> , 2002, 47, 295-302.	1.2	69
65	Prostaglandin D ₂ , its metabolite 15â€œPGJ ₂ , and peroxisome proliferator activated receptorâ€³ agonists induce apoptosis in transformed, but not normal, human T lineage cells. <i>Immunology</i> , 2002, 105, 23-34.	4.4	66
66	Association of a New-Type Prostaglandin D2 Receptor CRTH2 with Circulating T Helper 2 Cells in Patients with Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2002, 119, 609-616.	0.7	83
67	Beyond cyclooxygenase. <i>Kidney International</i> , 2002, 62, 1898-1899.	5.2	4
68	Dominant Expression of Rat Prostanoid DP Receptor mRNA in Leptomeninges, Inner Segments of Photoreceptor Cells, Iris Epithelium, and Ciliary Processes. <i>Journal of Neurochemistry</i> , 1998, 71, 937-945.	3.9	48
69	Expression of functional prostaglandin D (DP) receptors in human corpus cavernosum smooth muscle. <i>International Journal of Impotence Research</i> , 2002, 14, 446-452.	1.8	16
70	Molecular pharmacology of the human prostaglandin D ₂ receptor, CRTH2. <i>British Journal of Pharmacology</i> , 2002, 137, 1163-1172.	5.4	177
71	Synthesis and Biological Activity of Various Derivatives of a Novel Class of Potent, Selective, and Orally Active Prostaglandin D2Receptor Antagonists. 1. Bicyclo[2.2.1]heptane Derivatives. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 2436-2445.	6.4	38
72	Gene structure and functional properties of mouse CRTH2, a prostaglandin D2 receptor. <i>Biochemical and Biophysical Research Communications</i> , 2003, 307, 797-802.	2.1	30

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73	Novel binding sites of 15-deoxy- $\text{I}^{12,14}$ -prostaglandin J ₂ in plasma membranes from primary rat cortical neurons. <i>Experimental Cell Research</i> , 2003, 291, 212-227.	2.6	36
74	The DP receptor, allergic inflammation and asthma. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2003, 69, 187-194.	2.2	71
75	The use of prostaglandin D ₂ receptor antagonists to treat allergic rhinitis. <i>Expert Opinion on Therapeutic Patents</i> , 2003, 13, 1657-1661.	5.0	0
76	Expression and Molecular Pharmacology of the Mouse CRTH2 Receptor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 306, 463-470.	2.5	76
77	RasGRP4 Regulates the Expression of Prostaglandin D ₂ in Human and Rat Mast Cell Lines. <i>Journal of Biological Chemistry</i> , 2003, 278, 4725-4729.	3.4	45
78	Prostaglandin D ₂ Inhibits Airway Dendritic Cell Migration and Function in Steady State Conditions by Selective Activation of the D Prostanoid Receptor 1. <i>Journal of Immunology</i> , 2003, 171, 3936-3940.	0.8	174
79	The Unique Ligand-binding Pocket for the Human Prostacyclin Receptor. <i>Journal of Biological Chemistry</i> , 2003, 278, 4250-4257.	3.4	53
80	Chemoattractant Receptor-Homologous Molecule Expressed on Th ₂ Cells Activation in Vivo Increases Blood Leukocyte Counts and Its Blockade Abrogates 13,14-Dihydro-15-keto-prostaglandin D ₂ -Induced Eosinophilia in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 307, 518-525.	2.5	62
81	Role of Prostanoid DP Receptor Variants in Susceptibility to Asthma. <i>New England Journal of Medicine</i> , 2004, 351, 1752-1763.	27.0	136
82	CRTH2 is a prominent effector in contact hypersensitivity-induced neutrophil inflammation. <i>International Immunology</i> , 2004, 16, 947-959.	4.0	67
83	Differential modulation of human basophil functions through prostaglandin D ₂ receptors DP and chemoattractant receptor-homologous molecule expressed on Th ₂ cells/DP ₂ . <i>Clinical and Experimental Allergy</i> , 2004, 34, 1283-1290.	2.9	82
84	Pharmacology and signaling of prostaglandin receptors: Multiple roles in inflammation and immune modulation. , 2004, 103, 147-166.		721
85	Expression of prostaglandin D synthase and the prostaglandin D ₂ receptors DP and CRTH2 in human nasal mucosa. <i>Prostaglandins and Other Lipid Mediators</i> , 2004, 73, 87-101.	1.9	68
86	Excitatory action of prostanoids on the ferret isolated vagus nerve preparation. <i>European Journal of Pharmacology</i> , 2004, 491, 37-41.	3.5	12
87	Stimulation of CD36 and the key effector of reverse cholesterol transport ATP-binding cassette A1 in monocytoid cells by niacin. <i>Biochemical Pharmacology</i> , 2004, 67, 411-419.	4.4	166
88	Production of Prostaglandin D ₂ by Human Osteoblasts and Modulation of Osteoprotegerin, RANKL, and Cellular Migration by DP and CRTH2 Receptors. <i>Journal of Bone and Mineral Research</i> , 2004, 20, 672-681.	2.8	65
89	Discovery of orally active prostaglandin D ₂ receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 4891-4895.	2.2	16
90	Benzimidazoles as new potent and selective DP antagonists for the treatment of allergic rhinitis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 3195-3199.	2.2	72

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91	Discovery of new chemical leads for prostaglandin D2 receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 4557-4562.	2.2	20
92	Prostanoids and prostanoid receptors in signal transduction. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 1187-1205.	2.8	332
93	Effects of prostaglandin D2 on helper T cell functions. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 1009-1014.	2.1	108
94	Prostaglandin synthases: recent developments and a novel hypothesis. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2004, 70, 101-113.	2.2	177
95	Expression, localization and function of prostaglandin receptors in myometrium. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2004, 70, 137-148.	2.2	63
96	Amyloid β protein impairs motor function via thromboxane A2 in the rat striatum. <i>Neurobiology of Disease</i> , 2004, 16, 481-489.	4.4	17
98	Development of a prostaglandin D2 receptor antagonist: discovery of a new chemical lead. <i>European Journal of Medicinal Chemistry</i> , 2005, 40, 505-519.	5.5	19
99	Effects of BW245C, a prostaglandin dp receptor agonist, on systemic and regional haemodynamics in the anaesthetized rat. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2005, 32, 931-935.	1.9	10
100	Prostaglandin D2 induces nuclear import of the sex-determining factor SOX9 via its cAMP-PKA phosphorylation. <i>EMBO Journal</i> , 2005, 24, 1798-1809.	7.8	201
101	CRTH2-specific binding characteristics of [3H]ramatroban and its effects on PGD ₂ -, 15-deoxy- Δ^12 , 14-PGJ ₂ - and indomethacin-induced agonist responses. <i>European Journal of Pharmacology</i> , 2005, 524, 30-37.	3.5	24
102	Predicting ligands for orphan GPCRs. <i>Drug Discovery Today</i> , 2005, 10, 69-73.	6.4	11
103	Δ^12 -Prostaglandin D2 is a potent and selective CRTH2 receptor agonist and causes activation of human eosinophils and Th2 lymphocytes. <i>Prostaglandins and Other Lipid Mediators</i> , 2005, 75, 153-167.	1.9	38
104	Pharmacological characterization of guinea pig chemoattractant receptor-homologous molecule expressed on Th2 cells (CRTH2). <i>Prostaglandins and Other Lipid Mediators</i> , 2005, 76, 133-147.	1.9	6
105	Prostaglandin D2 affects the differentiation and functions of human dendritic cells: impact on the T _H 2 cell response. <i>European Journal of Immunology</i> , 2005, 35, 1491-1500.	2.9	53
106	Inhibitory Effect of the 4-Aminotetrahydroquinoline Derivatives, Selective Chemoattractant Receptor-Homologous Molecule Expressed on T Helper 2 Cell Antagonists, on Eosinophil Migration Induced by Prostaglandin D2. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 314, 244-251.	2.5	23
107	Prostaglandin D2-Induced Eosinophilic Airway Inflammation Is Mediated by CRTH2 Receptor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 312, 954-960.	2.5	113
108	Suppression of Prostate Tumor Cell Growth by Stromal Cell Prostaglandin D Synthase-Derived Products. <i>Cancer Research</i> , 2005, 65, 6189-6198.	0.9	66
109	Three Companies: Two or More Unrelated Receptors Pair with the Same Ligand. <i>Molecular Endocrinology</i> , 2005, 19, 1097-1109.	3.7	16

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110	Ocular Hypotensive DP-Class Prostaglandin Receptor Affinities Determined by Quantitative Autoradiography on Human Eye Sections. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2005, 21, 121-132.	1.4	10
111	Sertoli cell differentiation is induced both cell-autonomously and through prostaglandin signaling during mammalian sex determination. <i>Developmental Biology</i> , 2005, 287, 111-124.	2.0	251
112	Eicosanoid Mediators of Mast Cells: Receptors, Regulation of Synthesis, and Pathobiologic Implications. , 2005, 87, 59-79.		55
113	Mast Cell Mediators in Allergic Inflammation and Mastocytosis. <i>Immunology and Allergy Clinics of North America</i> , 2006, 26, 465-485.	1.9	92
114	The PTGDR gene is not associated with asthma in 3 ethnically diverse populations. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 1242-1248.	2.9	25
115	Characterization of the molecular mechanisms of the coupling between intracellular loops of prostacyclin receptor with the C-terminal domain of the G β s protein in human coronary artery smooth muscle cells. <i>Archives of Biochemistry and Biophysics</i> , 2006, 454, 80-88.	3.0	12
116	9 β ,11 β -PGF ₂ and its stereoisomer PGF ₂ are novel agonists of the chemoattractant receptor, CRTH2. <i>FEBS Letters</i> , 2006, 580, 373-379.	2.8	41
117	The pharmacology of selective inhibition of COX-2. <i>Thrombosis and Haemostasis</i> , 2006, 96, 393-400.	3.4	47
118	Promoter genetic variants of prostanoid DP receptor (PTGDR) gene in patients with asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2006, 61, 543-548.	5.7	33
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128	On the Mechanism of Interaction of Potent Surmountable and Insurmountable Antagonists with the Prostaglandin D2 Receptor CRTH2. <i>Molecular Pharmacology</i> , 2006, 69, 1441-1453.	2.3	48
129	Prostaglandins in the patent literature. <i>Expert Opinion on Therapeutic Patents</i> , 2007, 17, 1131-1145.	5.0	1
130	Prostaglandin D2 Suppresses Human NK Cell Function via Signaling through D Prostanoid Receptor. <i>Journal of Immunology</i> , 2007, 179, 2766-2773.	0.8	48
131	The Role of the Prostaglandin D2 Receptor, DP, in Eosinophil Trafficking. <i>Journal of Immunology</i> , 2007, 179, 4792-4799.	0.8	65
132	Possible Novel Receptor for PGD ₂ on Human Bronchial Epithelial Cells. <i>International Archives of Allergy and Immunology</i> , 2007, 143, 23-27.	2.1	10
133	Contrary prostaglandins: the opposing roles of PGD2 and its metabolites in leukocyte function. <i>Journal of Leukocyte Biology</i> , 2007, 81, 372-382.	3.3	49
134	Prostaglandins in the kidney: developments since Y2K. <i>Clinical Science</i> , 2007, 113, 297-311.	4.3	45
135	Expression and biological role of the prostaglandin D synthase/SOX9 pathway in human ovarian cancer cells. <i>Cancer Letters</i> , 2007, 255, 182-193.	7.2	48
136	Nicotinic acid induces secretion of prostaglandin D2 in human macrophages: An in vitro model of the niacin flush. <i>Atherosclerosis</i> , 2007, 192, 253-258.	0.8	45
137	Three paradigms of airway smooth muscle hyperresponsiveness in young guinea pigs This article is one of a selection of papers published in the Special Issue on Recent Advances in Asthma Research.. <i>Canadian Journal of Physiology and Pharmacology</i> , 2007, 85, 715-726.	1.4	16
138	Activation of the D prostanoid 1 receptor suppresses asthma by modulation of lung dendritic cell function and induction of regulatory T cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 357-367.	8.5	175
139	Antagonism of the prostaglandin D2 receptor CRTH2 attenuates asthma pathology in mouse eosinophilic airway inflammation. <i>Respiratory Research</i> , 2007, 8, 16.	3.6	122
140	Prostanoid Receptors in the Human Vascular Wall. <i>Scientific World Journal, The</i> , 2007, 7, 1359-1374.	2.1	106
141	Platelet Receptors. , 2007, , 117-143.		14
142	Regulation of Immune Cells by Eicosanoid Receptors. <i>Scientific World Journal, The</i> , 2007, 7, 1307-1328.	2.1	62
143	Association of PTGDR gene polymorphisms with asthma in two Caucasian populations. <i>Genes and Immunity</i> , 2007, 8, 398-403.	4.1	25
144	New insights into human prostacyclin receptor structure and function through natural and synthetic mutations of transmembrane charged residues. <i>British Journal of Pharmacology</i> , 2007, 152, 513-522.	5.4	20
145	PGD2 DP1 receptor protects brain from ischemia-reperfusion injury. <i>European Journal of Neuroscience</i> , 2007, 26, 73-78.	2.6	44

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146	Mast cells and eicosanoid mediators: a system of reciprocal paracrine and autocrine regulation. <i>Immunological Reviews</i> , 2007, 217, 168-185.	6.0	218
147	PGD2 metabolism in plasma: Kinetics and relationship with bioactivity on DP1 and CRTH2 receptors. <i>Biochemical Pharmacology</i> , 2007, 74, 107-117.	4.4	63
148	Differential regulation of the signaling and trafficking of the two prostaglandin D2 receptors, prostanoid DP receptor and CRTH2. <i>European Journal of Pharmacology</i> , 2007, 557, 115-123.	3.5	31
149	Synergistic effect of PGD2 via prostanoid DP receptor on TNF- α -induced production of MCP-1 and IL-8 in human monocytic THP-1 cells. <i>European Journal of Pharmacology</i> , 2007, 560, 81-88.	3.5	19
150	Lack of association between three promoter polymorphisms of PTGDR gene and asthma in a Chinese Han population. <i>International Journal of Immunogenetics</i> , 2007, 34, 353-357.	1.8	13
151	Basophil activation test by flow cytometry: Present and future applications in allergology. <i>Cytometry Part B - Clinical Cytometry</i> , 2008, 74B, 201-210.	1.5	149
152	Prostaglandin D2 Receptors Control Osteoclastogenesis and the Activity of Human Osteoclasts. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 1097-1105.	2.8	24
153	Effect of endotoxin treatment on the expression and localization of spinal cyclooxygenase, prostaglandin synthases, and PGD2 receptors. <i>Journal of Neurochemistry</i> , 2008, 104, 1345-1357.	3.9	32
154	Prostaglandin D2 induces contraction via thromboxane A2 receptor in rat liver myofibroblasts. <i>European Journal of Pharmacology</i> , 2008, 591, 237-242.	3.5	9
155	Early postnatal ibuprofen and indomethacin effects in suckling and weanling rat kidneys. <i>Prostaglandins and Other Lipid Mediators</i> , 2008, 85, 81-88.	1.9	12
156	Prostaglandin D2 induces heme oxygenase-1 mRNA expression through the DP2 receptor. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 878-883.	2.1	16
157	A Simple, Quick, and High-Yield Preparation of the Human Thromboxane A ₂ Receptor in Full Size for Structural Studies. <i>Biochemistry</i> , 2008, 47, 6819-6826.	2.5	11
158	CRTH2 Is Not Involved in the Anti-Enteropooling Effect of PGD ₂ in the Small Intestine. <i>Pharmacology</i> , 2008, 81, 236-240.	2.2	0
159	CRTH2 antagonism significantly ameliorates airway hyperreactivity and downregulates inflammation-induced genes in a mouse model of airway inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L767-L779.	2.9	60
160	Novel biphasic role for lymphocytes revealed during resolving inflammation. <i>Blood</i> , 2008, 111, 4184-4192.	1.4	65
161	Role of Prostaglandin D2 and Its Receptors in the Pathophysiology of Asthma. <i>Allergy International</i> , 2008, 57, 307-312.	3.3	48
162	Modulation of bladder function by prostaglandin EP ₃ receptors in the central nervous system. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, F984-F994.	2.7	34
164	The C-terminal Tail of CRTH2 Is a Key Molecular Determinant That Constrains $\text{G}\alpha$ and Downstream Signaling Cascade Activation. <i>Journal of Biological Chemistry</i> , 2009, 284, 1324-1336.	3.4	54

#	ARTICLE	IF	CITATIONS
165	Expression and Characterization of PGD ₂ Receptors in Chronic Rhinosinusitis: Modulation of DP and CRTH2 by PGD ₂ . International Archives of Allergy and Immunology, 2009, 148, 127-136.	2.1	28
166	Murine bone marrow-derived mast cells express chemoattractant receptor-homologous molecule expressed on T-helper class 2 cells (CRTh2). International Immunology, 2009, 21, 621-632.	4.0	21
167	Genetic mechanisms underlying male sex determination in mammals. Journal of Applied Genetics, 2009, 50, 347-360.	1.9	40
168	A new <i>PTGDR</i> promoter polymorphism in a population of children with asthma. Pediatric Allergy and Immunology, 2009, 20, 151-156.	2.6	12
169	<i>PTGDR</i> is not a major candidate gene for asthma and atopy in Chinese children. Pediatric Allergy and Immunology, 2009, 20, 556-562.	2.6	10
170	Prostanoid receptor antagonists: development strategies and therapeutic applications. British Journal of Pharmacology, 2009, 158, 104-145.	5.4	145
171	Lipocalin-prostaglandin D synthase is a critical beneficial factor in transient and permanent focal cerebral ischemia. Neuroscience, 2009, 160, 248-254.	2.3	36
172	Flow-Assisted Analysis of Basophils: A Valuable Instrument for In Vitro Allergy Diagnosis. , 2009, , 201-221.		1
173	Accumulation of CRTH2-positive leukocytes in human allergic nasal mucosa. Annals of Allergy, Asthma and Immunology, 2009, 102, 110-115.	1.0	31
174	Prostanoids and the Cough Reflex. Lung, 2010, 188, 9-12.	3.3	23
175	Prostaglandin D2 induces the production of human β -defensin-3 in human keratinocytes. Biochemical Pharmacology, 2010, 79, 982-989.	4.4	26
176	Expression of TREM-1 is inhibited by PGD2 and PGJ2 in macrophages. Experimental Cell Research, 2010, 316, 3140-3149.	2.6	28
177	Lipocalin-type prostaglandin D synthase as a regulator of the retinoic acid signalling in melanocytes. Journal of Biochemistry, 2010, 148, 139-148.	1.7	3
178	Peptidylarginine Deiminase 2 Suppresses Inhibitory β Kinase Activity in Lipopolysaccharide-stimulated RAW 264.7 Macrophages. Journal of Biological Chemistry, 2010, 285, 39655-39662.	3.4	42
179	ANKRD13C Acts as a Molecular Chaperone for G Protein-coupled Receptors. Journal of Biological Chemistry, 2010, 285, 40838-40851.	3.4	23
180	Mast Cell-derived Prostaglandin D2 Controls Hyaluronan Synthesis in Human Orbital Fibroblasts via DP1 Activation. Journal of Biological Chemistry, 2010, 285, 15794-15804.	3.4	34
181	PGE2 promotes Ca ²⁺ -mediated epithelial barrier disruption through EP1 and EP4 receptors in Caco-2 cell monolayers. American Journal of Physiology - Cell Physiology, 2010, 299, C324-C334.	4.6	56
182	CRTH2 and D-Type Prostanoid Receptor Antagonists as Novel Therapeutic Agents for Inflammatory Diseases. Pharmacology, 2010, 85, 372-382.	2.2	101

#	ARTICLE	IF	CITATIONS
183	Induction of apoptosis in non-small cell lung carcinoma A549 cells by PGD ₂ metabolite, 15d-PGJ ₂ . Cell Biology International, 2011, 35, 1089-1096.	3.0	20
184	The opposing role of two prostaglandin D2 receptors, DP and CRTH2, in human eosinophil migration. Annals of Allergy, Asthma and Immunology, 2011, 106, 511-517.	1.0	14
185	Sustained expression of lipocalin-type prostaglandin D synthase in the antisense direction positively regulates adipogenesis in cloned cultured preadipocytes. Biochemical and Biophysical Research Communications, 2011, 411, 287-292.	2.1	14
186	The antimycotic drugs itraconazole and terbinafine hydrochloride induce the production of human β -defensin-3 in human keratinocytes. Immunobiology, 2011, 216, 497-504.	1.9	16
187	Prostanoid signaling: Dual role for prostaglandin E2 in neurotoxicity. NeuroToxicology, 2011, 32, 312-319.	3.0	58
188	Prostaglandin D ₂ and T _H 2 Inflammation in the Pathogenesis of Bronchial Asthma. Korean Journal of Internal Medicine, 2011, 26, 8.	1.7	71
189	Relaxant Effect of Prostaglandin D ₂ Receptor DP Agonist on Liver Myofibroblast Contraction. Journal of Pharmacological Sciences, 2011, 116, 197-203.	2.5	2
190	PTGDR gene in asthma: a functional, genetic, and epigenetic study. Allergy: European Journal of Allergy and Clinical Immunology, 2011, 66, 1553-1562.	5.7	36
191	Functional haplotypes in the <i>PTGDR</i> gene fail to associate with asthma in two Australian populations. Respiriology, 2011, 16, 359-366.	2.3	9
192	Lipopolysaccharide induces proinflammatory cytokines and chemokines in experimental otitis media through the prostaglandin D2 receptor (DP)-dependent pathway. Clinical and Experimental Immunology, 2011, 163, 260-269.	2.6	21
193	<i>In vitro</i> and <i>in vivo</i> characterization of PF ϵ 04418948, a novel, potent and selective prostaglandin EP ₂ receptor antagonist. British Journal of Pharmacology, 2011, 164, 1847-1856.	5.4	133
194	Prostanoid Receptors. Chemical Reviews, 2011, 111, 6209-6230.	47.7	120
195	Discovery of selective indole-based prostaglandin D2 receptor antagonist. Bioorganic and Medicinal Chemistry, 2011, 19, 4574-4588.	3.0	11
196	Hematopoietic-Prostaglandin D2 synthase through PGD ₂ production is involved in the adult ovarian physiology. Journal of Ovarian Research, 2011, 4, 3.	3.0	19
197	Prostaglandin D2 Receptor CRTH2 Antagonists for the Treatment of Inflammatory Diseases. Progress in Medicinal Chemistry, 2011, 50, 49-107.	10.4	23
198	Targeting Eosinophil Biology in Asthma Therapy. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 667-674.	2.9	57
199	International Union of Basic and Clinical Pharmacology. LXXXIII: Classification of Prostanoid Receptors, Updating 15 Years of Progress. Pharmacological Reviews, 2011, 63, 471-538.	16.0	377
200	Cyclooxygenase-2 Deficiency Leads to Intestinal Barrier Dysfunction and Increased Mortality during Polymicrobial Sepsis. Journal of Immunology, 2011, 187, 5255-5267.	0.8	60

#	ARTICLE	IF	CITATIONS
201	The Extracellular Signal-regulated Kinase Mitogen-activated Protein Kinase/Ribosomal S6 Protein Kinase 1 Cascade Phosphorylates cAMP Response Element-binding Protein to Induce MUC5B Gene Expression via d-Prostanoid Receptor Signaling. <i>Journal of Biological Chemistry</i> , 2011, 286, 34199-34214.	3.4	28
202	Eosinophils as a Novel Cell Source of Prostaglandin D2: Autocrine Role in Allergic Inflammation. <i>Journal of Immunology</i> , 2011, 187, 6518-6526.	0.8	82
203	Polymorphisms of the PTGDR and LTC4S influence responsiveness to leukotriene receptor antagonists in Korean children with asthma. <i>Journal of Human Genetics</i> , 2011, 56, 284-289.	2.3	23
204	Lipocalin-type Prostaglandin D2 Synthase Protein Regulates Glial Cell Migration and Morphology through Myristoylated Alanine-rich C-Kinase Substrate. <i>Journal of Biological Chemistry</i> , 2012, 287, 9414-9428.	3.4	34
205	The Potential Role of Prostaglandin D ₂ in Nasal Congestion Observed in a Guinea Pig Model of Allergic Rhinitis. <i>International Archives of Allergy and Immunology</i> , 2012, 158, 359-368.	2.1	15
206	Prostanoids. , 2012, , 197-222.		0
207	Lipid-cytokine-chemokine cascades orchestrate leukocyte recruitment in inflammation. <i>Journal of Leukocyte Biology</i> , 2011, 91, 207-215.	3.3	191
208	Novel 2-(2-(benzylthio)-1H-benzo[d]imidazol-1-yl)acetic acids: Discovery and hit-to-lead evolution of a selective CRTh2 receptor antagonist chemotype. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4660-4664.	2.2	20
209	CRTH2 Antagonists. <i>RSC Drug Discovery Series</i> , 2012, , 104-134.	0.3	1
210	Prostanoids as Regulators of Innate and Adaptive Immunity. <i>Advances in Immunology</i> , 2012, 116, 143-174.	2.2	92
211	D-type prostanoid receptor enhances the signaling of chemoattractant receptorâ€‘homologous molecule expressed on TH2 cells. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 492-500.e9.	2.9	23
212	PGD2 induces eotaxin-3 via PPAR ^{Î³} from sebocytes: A possible pathogenesis of eosinophilic pustular folliculitis. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 536-543.	2.9	54
213	Role of G protein-coupled receptors in inflammation. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 342-350.	6.1	153
214	CRTH2 antagonists in the treatment of allergic responses involving TH2 cells, basophils, and eosinophils. <i>Annals of Allergy, Asthma and Immunology</i> , 2012, 109, 365-374.	1.0	27
215	Binding and activity of the prostacyclin receptor (IP) agonists, treprostinil and iloprost, at human prostanoid receptors: Treprostinil is a potent DP1 and EP2 agonist. <i>Biochemical Pharmacology</i> , 2012, 84, 68-75.	4.4	124
217	The Concise Guide to PHARMACOLOGY 2013/14: G Proteinâ€‘Coupled Receptors. <i>British Journal of Pharmacology</i> , 2013, 170, 1459-1581.	5.4	528
218	Platelet Receptors. , 2013, , 169-194.		18
219	Eicosanoids and Renal Function. , 2013, , 487-509.		1

#	ARTICLE	IF	CITATIONS
220	Non-steroid anti-inflammatory drugs, prostaglandins, and cancer. <i>Cell and Bioscience</i> , 2013, 3, 8.	4.8	53
221	Identification of 2-(2-(1-Naphthoyl)-8-fluoro-3,4-dihydro-1H-pyrido[4,3-b]indol-5(2H)-yl)acetic Acid (Setipiprant/ACT-129968), a Potent, Selective, and Orally Bioavailable Chemoattractant Receptor-Homologous Molecule Expressed on Th2 Cells (CRTh2) Antagonist. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 4899-4911.	6.4	38
222	2-(1H-Pyrazol-4-yl)acetic acids as CRTh2 antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 3349-3353.	2.2	12
223	The Prostanoid EP4 Receptor and Its Signaling Pathway. <i>Pharmacological Reviews</i> , 2013, 65, 1010-1052.	16.0	214
224	Effects of Long-Term Oral Administration of Arachidonic Acid and Docosahexaenoic Acid on the Immune Functions of Young Rats. <i>Nutrients</i> , 2013, 5, 1949-1961.	4.1	16
225	Mast Cell Function. <i>Journal of Histochemistry and Cytochemistry</i> , 2014, 62, 698-738.	2.5	475
226	Genetic validation of a therapeutic target in a mouse model of ALS. <i>Science Translational Medicine</i> , 2014, 6, 248ra104.	12.4	27
227	Basophils: Historical Reflections and Perspectives. <i>Chemical Immunology and Allergy</i> , 2014, 100, 172-192.	1.7	55
228	Role of prostaglandin D_2 and CRTh2 blockade in early and late phase nasal responses. <i>Clinical and Experimental Allergy</i> , 2014, 44, 1076-1082.	2.9	19
229	PGD2 DP1 receptor stimulation following stroke ameliorates cerebral blood flow and outcomes. <i>Neuroscience</i> , 2014, 279, 260-268.	2.3	14
230	Structure-activity relationships (SAR) and structure-kinetic relationships (SKR) of bicyclic heteroaromatic acetic acids as potent CRTh2 antagonists I. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 5118-5122.	2.2	7
231	Reciprocal regulation of human platelet function by endogenous prostanoids and through multiple prostanoid receptors. <i>European Journal of Pharmacology</i> , 2014, 740, 15-27.	3.5	25
232	2-(1H-Pyrazol-1-yl)acetic acids as chemoattractant receptor-homologous molecule expressed on Th2 lymphocytes (CRTh2) antagonists. <i>European Journal of Medicinal Chemistry</i> , 2014, 71, 168-184.	5.5	12
233	The prostaglandin D2 receptor (PTGDR) gene in asthma and allergic diseases. <i>Allergologia Et Immunopathologia</i> , 2014, 42, 64-68.	1.7	19
234	Activation of the prostaglandin D2 metabolic pathway in Crohn's disease: involvement of the enteric nervous system. <i>BMC Gastroenterology</i> , 2015, 15, 112.	2.0	22
236	Prostaglandin D2 regulates human colonic ion transport via the DP1 receptor. <i>Life Sciences</i> , 2015, 122, 87-91.	4.3	8
237	Multiple roles of the prostaglandin D2 signaling pathway in reproduction. <i>Reproduction</i> , 2015, 149, R49-R58.	2.6	40
238	Human EP2 prostanoid receptors exhibit more constraints to mutations than human DP prostanoid receptors. <i>FEBS Letters</i> , 2015, 589, 766-772.	2.8	5

#	ARTICLE	IF	CITATIONS
239	Prostaglandin D ₂ and the role of the DP ₁ , DP ₂ and TP receptors in the control of airway reflex events. <i>European Respiratory Journal</i> , 2015, 45, 1108-1118.	6.7	46
240	Synthesis and biological evaluation of novel laropiprant derivatives as potential anti-allergic agents. <i>Medicinal Chemistry Research</i> , 2015, 24, 3920-3931.	2.4	1
241	Effect of the potent and selective DP1 receptor antagonist, asapiprant (S-555739), in animal models of allergic rhinitis and allergic asthma. <i>European Journal of Pharmacology</i> , 2015, 765, 15-23.	3.5	16
242	The Metabolites of Arachidonic Acid in Microvascular Function. , 0, , .		6
243	Pharmacological characterization of CRTh2 antagonist LAS191859: Long receptor residence time translates into long-lasting in vivo efficacy. <i>Pharmacological Research</i> , 2016, 111, 208-216.	7.1	10
244	Role of Prostaglandin D2 and DP1 Receptor on Japanese Cedar Pollen-Induced Allergic Rhinitis in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 357, 258-263.	2.5	4
245	Prostaglandin D2 Modulates Neuronal Excitation of the Trigeminal Ganglion to Augment Allergic Rhinitis in Guinea Pigs. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 357, 273-280.	2.5	6
246	Investigational prostaglandin D2receptor antagonists for airway inflammation. <i>Expert Opinion on Investigational Drugs</i> , 2016, 25, 639-652.	4.1	21
247	Human <sc>DP</sc> and <sc>EP</sc>2 prostanoid receptors take on distinct forms depending on the diverse binding of different ligands. <i>FEBS Journal</i> , 2016, 283, 3931-3940.	4.7	10
248	Lipid Mediators of Allergic Disease: Pathways, Treatments, and Emerging Therapeutic Targets. <i>Current Allergy and Asthma Reports</i> , 2016, 16, 48.	5.3	72
249	Pretreatment of cultured preadipocytes with arachidonic acid during the differentiation phase without a cAMP-elevating agent enhances fat storage after the maturation phase. <i>Prostaglandins and Other Lipid Mediators</i> , 2016, 123, 16-27.	1.9	6
250	Molecular mechanisms of target recognition by lipid GPCRs: relevance for cancer. <i>Oncogene</i> , 2016, 35, 4021-4035.	5.9	17
251	Pathophysiological Roles of Cyclooxygenases and Prostaglandins in the Central Nervous System. <i>Molecular Neurobiology</i> , 2016, 53, 4754-4771.	4.0	145
252	Prostaglandins in the eye: Function, expression, and roles in glaucoma. <i>Ophthalmic Genetics</i> , 2017, 38, 108-116.	1.2	64
253	Functional screening for G protein-coupled receptor targets of 14,15-epoxyeicosatrienoic acid. <i>Prostaglandins and Other Lipid Mediators</i> , 2017, 132, 31-40.	1.9	31
254	Regulation of inflammation by lipid mediators in oral diseases. <i>Oral Diseases</i> , 2017, 23, 576-597.	3.0	19
255	Prostaglandins and Their Receptors in Eosinophil Function and As Therapeutic Targets. <i>Frontiers in Medicine</i> , 2017, 4, 104.	2.6	36
256	Human mast cells and basophilsâ€”How are they similar how are they different?. <i>Immunological Reviews</i> , 2018, 282, 8-34.	6.0	124

#	ARTICLE	IF	CITATIONS
257	Physiological and Pathological Roles of 15-Deoxy- Δ^2 ,14-Prostaglandin J2 in the Central Nervous System and Neurological Diseases. <i>Molecular Neurobiology</i> , 2018, 55, 2227-2248.	4.0	31
258	The prostaglandin D2 receptor 2 pathway in asthma: a key player in airway inflammation. <i>Respiratory Research</i> , 2018, 19, 189.	3.6	68
259	Comparison of pro-adipogenic effects between prostaglandin (PG) D2 and its stable, isosteric analogue, 11-deoxy-11-methylene-PGD2, during the maturation phase of cultured adipocytes. <i>Prostaglandins and Other Lipid Mediators</i> , 2018, 139, 71-79.	1.9	2
260	L-type prostaglandin D synthase regulates the trafficking of the PGD2 DP1 receptor by interacting with the GTPase Rab4. <i>Journal of Biological Chemistry</i> , 2019, 294, 16865-16883.	3.4	7
261	Platelet Receptors. , 2019, , 169-192.		15
262	Mast Cells and Their Progenitors in Allergic Asthma. <i>Frontiers in Immunology</i> , 2019, 10, 821.	4.8	128
263	Sustained exposure to prostaglandin D ₂ augments the contraction induced by acetylcholine via a DP ₁ receptor-mediated activation of p38 in bronchial smooth muscle of naive mice. <i>Journal of Smooth Muscle Research</i> , 2019, 55, 1-13.	1.2	0
264	Druggable Lipid GPCRs: Past, Present, and Prospects. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1274, 223-258.	1.6	19
265	GGA3 interacts with L-type prostaglandin D synthase and regulates the recycling and signaling of the DP1 receptor for prostaglandin D2 in a Rab4-dependent mechanism. <i>Cellular Signalling</i> , 2020, 72, 109641.	3.6	2
266	A Review of Prostanoid Receptors: Expression, Characterization, Regulation, and Mechanism of Action. <i>Journal of Cell Communication and Signaling</i> , 2021, 15, 155-184.	3.4	31
267	Why PGD 2 has different functions from PGE 2. <i>BioEssays</i> , 2021, 43, 2000213.	2.5	5
268	The differential functional coupling of phosphodiesterase 4 to human DP and EP2 prostanoid receptors stimulated with PGD2 or PGE2. <i>Pharmacological Reports</i> , 2021, 73, 946-953.	3.3	2
269	In the mouse, prostaglandin D2 signalling protects the endometrium against adenomyosis. <i>Molecular Human Reproduction</i> , 2021, 27, .	2.8	5
270	Eicosanoid receptors as therapeutic targets for asthma. <i>Clinical Science</i> , 2021, 135, 1945-1980.	4.3	16
271	Stage and Region-Specific Localization of Lipocalin-Type Prostaglandin D Synthase in the Adult Murine Testis and Epididymis. <i>Journal of Andrology</i> , 2000, 21, 848-854.	2.0	5
272	Secretion of Lipocalin-Type Prostaglandin D Synthase (Δ^2 -Trace) from Human Heart to Plasma During Coronary Circulation. <i>Advances in Experimental Medicine and Biology</i> , 1999, 469, 49-54.	1.6	12
273	Mammalian Host Defenses: Innate and Adaptive Immunity. , 2009, , 577-626.		2
274	What Is New About Eosinophil Activation in Asthma and Allergic Disease. , 2009, , 95-107.		1

#	ARTICLE	IF	CITATIONS
275	Proteomic Identification of Protein Targets for 15-Deoxy- $\Delta^{12,14}$ -Prostaglandin J2 in Neuronal Plasma Membrane. PLoS ONE, 2011, 6, e17552.	2.5	31
276	Inverse Agonist and Pharmacochaperone Properties of MK-0524 on the Prostanoid DP1 Receptor. PLoS ONE, 2013, 8, e65767.	2.5	19
277	Generation and characterization of an antagonistic monoclonal antibody against an extracellular domain of mouse DP2 (CRTH2/GPR44) receptors for prostaglandin D2. PLoS ONE, 2017, 12, e0175452.	2.5	8
278	Prostanoid receptors (version 2019.5) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2019, 2019, .	0.2	2
279	Possible Role of Heme Oxygenase-1 and Prostaglandins in the Pathogenesis of Cerebral Malaria: Heme Oxygenase-1 Induction by Prostaglandin D2 and Metabolite by a Human Astrocyte Cell Line. Korean Journal of Parasitology, 2010, 48, 15.	1.3	10
280	Transient Expression in Mammalian Cells : Applications and Perspectives. Cell Engineering, 2000, , 211-218.	0.4	0
281	Prostaglandin Mediators. , 2003, , 265-273.		3
283	DP Prostanoid Receptor. , 2007, , 1-14.		0
284	Lipid Mediators of Hypersensitivity and Inflammation. , 2009, , 203-221.		1
286	The Eicosanoids in Cellular Signaling. Molecular Biology Intelligence Unit, 1996, , 133-166.	0.2	0
287	Induction of apoptosis in non-small cell lung carcinoma A549 cells by PGD ₂ metabolite, 15d-PG ₂ . Cell Biology International, 2011, 35, 1089-1096.	3.0	7
288	Antiplatelet effects of prostacyclin analogues: Which one to choose in case of thrombosis or bleeding?. Cardiology Journal, 2021, 28, 954-961.	1.2	5
291	Nasal Mucosal Expression of the Receptors for Inflammatory Chemical Mediators. Advances in Oto-Rhino-Laryngology, 2016, 77, 52-58.	1.6	3
292	The Biased Activities of Prostanoids and Their Receptors: Review and Beyond. Biological and Pharmaceutical Bulletin, 2022, 45, 684-690.	1.4	4
293	Pharmacogenomics of Leukotriene Modifiers: A Systematic Review and Meta-Analysis. Journal of Personalized Medicine, 2022, 12, 1068.	2.5	2
295	Identification and characterization of bioactive metabolites of 12-hydroxyheptadecatrienoic acid, a ligand for leukotriene B4 receptor 2. Journal of Biochemistry, 2023, 173, 293-305.	1.7	1
296	Polyunsaturated Fatty Acids: Conversion to Lipid Mediators, Roles in Inflammatory Diseases and Dietary Sources. International Journal of Molecular Sciences, 2023, 24, 8838.	4.1	10
297	Prostaglandin and prostaglandin receptors: present and future promising therapeutic targets for pulmonary arterial hypertension. Respiratory Research, 2023, 24, .	3.6	2

#	ARTICLE	IF	CITATIONS
298	Hematopoietic Prostaglandin D Synthase Is Increased in Mast Cells and Pericytes in Autopsy Myocardial Specimens from Patients with Duchenne Muscular Dystrophy. International Journal of Molecular Sciences, 2024, 25, 1846.	4.1	0
299	Pharmacological evidence that the inhibitory effects of prostaglandin E2 are mediated by the EP2 and EP4 receptors in human neutrophils. Journal of Leukocyte Biology, 0, , .	3.3	0