

Takehiko Yokomizo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4894296/publications.pdf>

Version: 2024-02-01

189
papers

11,673
citations

41344

49
h-index

28297

105
g-index

200
all docs

200
docs citations

200
times ranked

12275
citing authors

#	ARTICLE	IF	CITATIONS
1	Cutaneous Liver X Receptor Activation Prevents the Formation of Imiquimod-Induced Psoriatic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1233-1237.e1.	0.7	1
2	A Western Diet Alters Skin Ceramides and Compromises the Skin Barrier in Ears. <i>Journal of Investigative Dermatology</i> , 2022, 142, 2020-2023.e2.	0.7	0
3	Lysophosphatidic acid receptor $\alpha 3$ antagonist inhibits the activation of satellite glial cells and reduces acute nociceptive responses. <i>FASEB Journal</i> , 2022, 36, e22236.	0.5	4
4	Expression of leukotriene B4 receptor 1 defines functionally distinct DCs that control allergic skin inflammation. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1437-1449.	10.5	11
5	Metabolism and biological functions of 12(S)-hydroxyheptadeca-5Z,8E,10E-trienoic acid. <i>Prostaglandins and Other Lipid Mediators</i> , 2021, 152, 106502.	1.9	4
6	The C-terminal region of BLT2 restricts its localization to the lateral membrane in a LIN7C-dependent manner. <i>FASEB Journal</i> , 2021, 35, e21364.	0.5	5
7	Up-regulation of cytosolic prostaglandin E synthase in fetal-membrane and amniotic prostaglandin E2 accumulation in labor. <i>PLoS ONE</i> , 2021, 16, e0250638.	2.5	7
8	Development of a liquid chromatography-electrospray ionization tandem mass spectrometric method for the simultaneous analysis of free fatty acids. <i>Journal of Biochemistry</i> , 2021, 170, 389-397.	1.7	3
9	Eicosanoid profiling in patients with complete form of pachydermoperiostosis carrying SLCO2A1 mutations. <i>Journal of Dermatology</i> , 2021, 48, 1442-1446.	1.2	2
10	Ablation of fatty acid desaturase 2 (FADS2) exacerbates hepatic triacylglycerol and cholesterol accumulation in polyunsaturated fatty acid-depleted mice. <i>FEBS Letters</i> , 2021, 595, 1920-1932.	2.8	12
11	Biosynthetic Crossover of 5-Lipoxygenase and Cyclooxygenase-2 Yields 5-Hydroxy-PGE ₂ and 5-Hydroxy-PGD ₂ . <i>Jacs Au</i> , 2021, 1, 1380-1388.	7.9	6
12	Trimebutine suppresses Toll-like receptor 2/4/7/8/9 signaling pathways in macrophages. <i>Archives of Biochemistry and Biophysics</i> , 2021, 711, 109029.	3.0	4
13	Inhibition of Both Cyclooxygenase-1 and -2 Promotes Epicutaneous Th2 and Th17 Sensitization and Allergic Airway Inflammation on Subsequent Airway Exposure to Protease Allergen in Mice. <i>International Archives of Allergy and Immunology</i> , 2021, 182, 788-799.	2.1	3
14	Sphingosine 1-Phosphate (S1P) in the Peritoneal Fluid Skews M2 Macrophage and Contributes to the Development of Endometriosis. <i>Biomedicines</i> , 2021, 9, 1519.	3.2	11
15	Dietary intake of n-3 polyunsaturated fatty acids alters the lipid mediator profile of the kidney but does not attenuate renal insufficiency. <i>Biochemical and Biophysical Research Communications</i> , 2021, 582, 49-56.	2.1	1
16	Leukotrienes. , 2021, , 920-929.		0
17	Liver-specific deletion of Ngly1 causes abnormal nuclear morphology and lipid metabolism under food stress. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165588.	3.8	22
18	Trimebutine attenuates high mobility group box 1 receptor for advanced glycation end-products inflammatory signaling pathways. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 1155-1161.	2.1	8

#	ARTICLE	IF	CITATIONS
19	Combined use of irinotecan and p53 activator enhances growth inhibition of mesothelioma cells. FEBS Open Bio, 2020, 10, 2375-2387.	2.3	2
20	Prostaglandin E ₂ and its receptor EP2 trigger signaling that contributes to YAP-mediated cell competition. Genes To Cells, 2020, 25, 197-214.	1.2	12
21	Eicosanoids in Skin Wound Healing. International Journal of Molecular Sciences, 2020, 21, 8435.	4.1	24
22	Leukotriene A ₄ hydrolase deficiency protects mice from diet-induced obesity by increasing energy expenditure through neuroendocrine axis. FASEB Journal, 2020, 34, 13949-13958.	0.5	3
23	The PDK1-FoxO1 signaling in adipocytes controls systemic insulin sensitivity through the 5-lipoxygenase-leukotriene B ₄ axis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11674-11684.	7.1	23
24	Leukotriene B ₄ receptor 1 exacerbates inflammation following myocardial infarction. FASEB Journal, 2020, 34, 8749-8763.	0.5	11
25	Leukotriene B ₄ receptors as therapeutic targets for ophthalmic diseases. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158756.	2.4	2
26	The role of propofol hydroxyl group in 5-lipoxygenase recognition. Biochemical and Biophysical Research Communications, 2020, 525, 909-914.	2.1	5
27	Ageing exacerbates high-fat diet-induced steatohepatitis through alteration in hepatic lipid metabolism in mice. Journal of Gastroenterology and Hepatology (Australia), 2020, 35, 1437-1448.	2.8	11
28	n-3 Fatty Acid and Its Metabolite 18-HEPE Ameliorate Retinal Neuronal Cell Dysfunction by Enhancing Müller BDNF in Diabetic Retinopathy. Diabetes, 2020, 69, 724-735.	0.6	31
29	Leukotriene B ₄ Receptor Type 2 Accelerates the Healing of Intestinal Lesions by Promoting Epithelial Cell Proliferation. Journal of Pharmacology and Experimental Therapeutics, 2020, 373, 1-9.	2.5	14
30	A novel mutation in the SLCO2A1 gene, encoding a prostaglandin transporter, induces chronic enteropathy. PLoS ONE, 2020, 15, e0241869.	2.5	12
31	Loss of autophagy impairs physiological steatosis by accumulation of NCoR1. Life Science Alliance, 2020, 3, e201900513.	2.8	18
32	Ageing causes lipid metabolism imbalance and exacerbates steatohepatitis in high-fat diet-fed mice. Journal of Hepatology, 2020, 73, S667-S668.	3.7	0
33	Identification and pathophysiological roles of LTB ₄ receptors BLT1 and BLT2. , 2020, , 223-245.		0
34	Leukotrienes. , 2020, , 1-10.		0
35	Carboxylesterase 2: A Key Enzyme in Drug and Prodrug Metabolism. Juntendo Medical Journal, 2020, 66, 120-124.	0.1	1
36	Title is missing!. , 2020, 15, e0241869.		0

#	ARTICLE	IF	CITATIONS
37	Title is missing!. , 2020, 15, e0241869.		0
38	Title is missing!. , 2020, 15, e0241869.		0
39	Title is missing!. , 2020, 15, e0241869.		0
40	The Role of Leukotrienes as Potential Therapeutic Targets in Allergic Disorders. International Journal of Molecular Sciences, 2019, 20, 3580.	4.1	84
41	Dietary supplementation of omega-3 fatty acid eicosapentaenoic acid does not ameliorate pruritus in murine models of atopic dermatitis and psoriasis. Journal of Dermatological Science, 2019, 95, 130-133.	1.9	4
42	Volatile anesthetics isoflurane and sevoflurane directly target and attenuate Toll-like receptor 4 system. FASEB Journal, 2019, 33, 14528-14541.	0.5	29
43	Introduction: Special Issue "Lipids in Inflammation. International Immunology, 2019, 31, 555-557.	4.0	1
44	The volatile anesthetic sevoflurane reduces neutrophil apoptosis via Fas death domain-associated death domain interaction. FASEB Journal, 2019, 33, 12668-12679.	0.5	20
45	Biosynthesis, Biological Functions, and Receptors of Leukotriene B4 and 12(S)-Hydroxyheptadecatrienoic Acid. , 2019, , 233-246.		1
46	The leukotriene receptors as therapeutic targets of inflammatory diseases. International Immunology, 2019, 31, 607-615.	4.0	55
47	BLT1 mediates commensal bacteria-dependent innate immune signals to enhance antigen-specific intestinal IgA responses. Mucosal Immunology, 2019, 12, 1082-1091.	6.0	29
48	An Alternative Pathway to Leukotriene B ₄ Enantiomers Involving a 1,8-Diol-Forming Reaction of an Algal Oxylipin. Organic Letters, 2019, 21, 4667-4670.	4.6	6
49	Cyclooxygenase inhibition in mice heightens adaptive and innate type responses against inhaled protease allergen and IL-33. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 2237-2240.	5.7	12
50	Papaverine identified as an inhibitor of high mobility group box 1/receptor for advanced glycation end-products interaction suppresses high mobility group box 1-mediated inflammatory responses. Biochemical and Biophysical Research Communications, 2019, 511, 665-670.	2.1	26
51	Role of the high-affinity leukotriene B4 receptor signaling in fibrosis after unilateral ureteral obstruction in mice. PLoS ONE, 2019, 14, e0202842.	2.5	11
52	Autophagy regulates lipid metabolism through selective turnover of NCoR1. Nature Communications, 2019, 10, 1567.	12.8	143
53	Transcriptome profiling of refractory atopic keratoconjunctivitis by RNA sequencing. Journal of Allergy and Clinical Immunology, 2019, 143, 1610-1614.e6.	2.9	9
54	The roles of omega-3 fatty acids and resolvins in allergic conjunctivitis. Current Opinion in Allergy and Clinical Immunology, 2019, 19, 517-525.	2.3	6

#	ARTICLE	IF	CITATIONS
55	Dietary ω -3 fatty acids alter the lipid mediator profile and alleviate allergic conjunctivitis without modulating Th2 immune responses. <i>FASEB Journal</i> , 2019, 33, 3392-3403.	0.5	28
56	Abstract 5231: Regulatory mechanism of carboxylesterase 2 expression and its role in human colorectal cancer. , 2019, , .		0
57	Abstract 989: The relationship between TP53 gene status and carboxylesterase 2 expression in human gastric cancer. , 2019, , .		0
58	Altered eicosanoid production and phospholipid remodeling during cell culture. <i>Journal of Lipid Research</i> , 2018, 59, 542-549.	4.2	15
59	Leukotriene B4 receptor 2 regulates the proliferation, migration, and barrier integrity of bronchial epithelial cells. <i>Journal of Cellular Physiology</i> , 2018, 233, 6117-6124.	4.1	15
60	Na ⁺ -mimicking ligands stabilize the inactive state of leukotriene B4 receptor BLT1. <i>Nature Chemical Biology</i> , 2018, 14, 262-269.	8.0	80
61	Applications of mass spectrometry-based targeted and non-targeted lipidomics. <i>Biochemical and Biophysical Research Communications</i> , 2018, 504, 576-581.	2.1	70
62	Urinary prostaglandin D ₂ metabolite excretion during the first six months of life was significantly lower in breastfed than formula-fed infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 95-100.	1.5	7
63	Biological functions of 12(S)-hydroxyheptadecatrienoic acid as a ligand of leukotriene B4 receptor 2. <i>Inflammation and Regeneration</i> , 2018, 38, 29.	3.7	20
64	Leukotriene B4 promotes neovascularization and macrophage recruitment in murine wet-type AMD models. <i>JCI Insight</i> , 2018, 3, .	5.0	28
65	The Relationship between TP53 Gene Status and Carboxylesterase 2 Expression in Human Colorectal Cancer. <i>Disease Markers</i> , 2018, 2018, 1-7.	1.3	13
66	Endurance exercise training and high-fat diet differentially affect composition of diacylglycerol molecular species in rat skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 314, R892-R901.	1.8	22
67	Stepwise phosphorylation of leukotriene B ₄ receptor 1 defines cellular responses to leukotriene B ₄ . <i>Science Signaling</i> , 2018, 11, .	3.6	15
68	Profiling of bioactive lipids in different dendritic cell subsets using an improved multiplex quantitative LC-MS/MS method. <i>Biochemical and Biophysical Research Communications</i> , 2018, 504, 562-568.	2.1	13
69	Leukotriene receptors as potential therapeutic targets. <i>Journal of Clinical Investigation</i> , 2018, 128, 2691-2701.	8.2	129
70	Prolonged exposure to volatile anesthetic isoflurane worsens the outcome of polymicrobial abdominal sepsis. <i>Toxicological Sciences</i> , 2017, 156, kfw261.	3.1	35
71	Intravenous anesthetic propofol binds to ω -5 lipoxygenase and attenuates leukotriene B ₄ production. <i>FASEB Journal</i> , 2017, 31, 1584-1594.	0.5	11
72	Dioxin-induced increase in leukotriene B4 biosynthesis through the aryl hydrocarbon receptor and its relevance to hepatotoxicity owing to neutrophil infiltration. <i>Journal of Biological Chemistry</i> , 2017, 292, 10586-10599.	3.4	23

#	ARTICLE	IF	CITATIONS
73	Generation and characterization of a human-mouse chimeric high-affinity antibody that detects the DYKDDDDK FLAG peptide. <i>Biochemical and Biophysical Research Communications</i> , 2017, 486, 1077-1082.	2.1	5
74	Inhibition of Leukotriene B ₄ Action Mitigates Intracerebral Hemorrhage-Associated Pathological Events in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 360, 399-408.	2.5	27
75	Identification, signaling, and functions of LTB ₄ receptors. <i>Seminars in Immunology</i> , 2017, 33, 30-36.	5.6	73
76	Non-steroidal anti-inflammatory drug delays corneal wound healing by reducing production of 12-hydroxyheptadecatrienoic acid, a ligand for leukotriene B ₄ receptor 2. <i>Scientific Reports</i> , 2017, 7, 13267.	3.3	49
77	A synthetic leukotriene B ₄ receptor type 2 agonist accelerates the cutaneous wound healing process in diabetic rats by indirect stimulation of fibroblasts and direct stimulation of keratinocytes. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 13-20.	2.3	19
78	Lipid Mediators in Inflammation. , 2017, , 651-694.		0
79	Biochemical and immunological characterization of a novel monoclonal antibody against mouse leukotriene B ₄ receptor 1. <i>PLoS ONE</i> , 2017, 12, e0185133.	2.5	12
80	The leukotriene B ₄ receptor <sc>BLT</sc>2 protects barrier function via actin polymerization with phosphorylation of myosin phosphatase target subunit 1 in human keratinocytes. <i>Experimental Dermatology</i> , 2016, 25, 532-536.	2.9	10
81	BLT1 signalling protects the liver against acetaminophen hepatotoxicity by preventing excessive accumulation of hepatic neutrophils. <i>Scientific Reports</i> , 2016, 6, 29650.	3.3	21
82	Receptor for Advanced Glycation End Products Regulates Leukotriene B ₄ Receptor 1 Signaling. <i>DNA and Cell Biology</i> , 2016, 35, 747-750.	1.9	6
83	Leukotriene B ₄ receptor type 2 protects against pneumolysin-dependent acute lung injury. <i>Scientific Reports</i> , 2016, 6, 34560.	3.3	23
84	Integrative genomic and proteomic analyses identifies glycerol-3-phosphate acyltransferase as a target of low-dose ionizing radiation in EBV infected-B cells. <i>International Journal of Radiation Biology</i> , 2016, 92, 24-34.	1.8	11
85	Modulation of leukotriene B ₄ receptor 1 signaling by receptor for advanced glycation end products (RAGE). <i>FASEB Journal</i> , 2016, 30, 1811-1822.	0.5	30
86	Leukotriene B ₄ receptor type 2 (BLT2) enhances skin barrier function by regulating tight junction proteins. <i>FASEB Journal</i> , 2016, 30, 933-947.	0.5	44
87	CD10-Equipped Melanoma Cells Acquire Highly Potent Tumorigenic Activity: A Plausible Explanation of Their Significance for a Poor Prognosis. <i>PLoS ONE</i> , 2016, 11, e0149285.	2.5	9
88	The leukotriene B ₄ receptor BLT1 is stabilized by transmembrane helix capping mutations. <i>Biochemistry and Biophysics Reports</i> , 2015, 4, 243-249.	1.3	2
89	An inhaled phosphodiesterase 4 inhibitor E6005 suppresses pulmonary inflammation in mice. <i>European Journal of Pharmacology</i> , 2015, 768, 41-48.	3.5	4
90	Basic Techniques for Lipid Extraction from Tissues and Cells. , 2015, , 331-336.		4

#	ARTICLE	IF	CITATIONS
91	ROCK-Isoform-Specific Polarization of Macrophages Associated with Age-Related Macular Degeneration. <i>Cell Reports</i> , 2015, 10, 1173-1186.	6.4	154
92	The Absence of the Leukotriene B ₄ Receptor BLT1 Attenuates Peripheral Inflammation and Spinal Nociceptive Processing Following Intraplantar Formalin Injury. <i>Molecular Pain</i> , 2015, 11, s12990-015-0010.	2.1	18
93	Resolvin E1 inhibits dendritic cell migration in the skin and attenuates contact hypersensitivity responses. <i>Journal of Experimental Medicine</i> , 2015, 212, 1921-1930.	8.5	92
94	The role of leukotrienes in allergic diseases. <i>Allergology International</i> , 2015, 64, 17-26.	3.3	129
95	Two distinct leukotriene B ₄ receptors, BLT1 and BLT2. <i>Journal of Biochemistry</i> , 2015, 157, 65-71.	1.7	104
96	Biochemical Characterization of Three BLT Receptors in Zebrafish. <i>PLoS ONE</i> , 2015, 10, e0117888.	2.5	22
97	Santosh Nigam Memorial "Outstanding Young Scientist" Award. <i>Juntendo Medical Journal</i> , 2015, 61, 352-352.	0.1	0
98	Leukotriene B ₄ Receptors. , 2015, , 85-93.		0
99	Aspirin Delays Skin Wound Healing. <i>Juntendo Medical Journal</i> , 2014, 60, 284-286.	0.1	1
100	Individual variation of human S1P1 coding sequence leads to heterogeneity in receptor function and drug interactions. <i>Journal of Lipid Research</i> , 2014, 55, 2665-2675.	4.2	27
101	12-hydroxyheptadecatrienoic acid promotes epidermal wound healing by accelerating keratinocyte migration via the BLT2 receptor. <i>Journal of Experimental Medicine</i> , 2014, 211, 1063-1078.	8.5	101
102	IL-27 affects helper T cell responses via regulation of PGE ₂ production by macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 215-221.	2.1	7
103	Neuronatin is related to keratinocyte differentiation by up-regulating involucrin. <i>Journal of Dermatological Science</i> , 2014, 73, 225-231.	1.9	8
104	Update on leukotriene, lipoxin and oxoecosanoid receptors: IUPHAR Review 7. <i>British Journal of Pharmacology</i> , 2014, 171, 3551-3574.	5.4	173
105	12-hydroxyheptadecatrienoic acid promotes epidermal wound healing by accelerating keratinocyte migration via the BLT2 receptor. <i>Journal of Cell Biology</i> , 2014, 205, 2054OIA98.	5.2	0
106	Bone Marrow Adipocyte-Derived Free Fatty Acids Induce Gene Signature Linking Transcription with Metabolic Changes That Contribute to Survival of Acute Monocytic Leukemia Cells. <i>Blood</i> , 2014, 124, 1013-1013.	1.4	0
107	Leukotriene B ₄ receptor BLT2 negatively regulates allergic airway eosinophilia. <i>FASEB Journal</i> , 2013, 27, 3306-3314.	0.5	45
108	Mast cells contribute to double-stranded RNA-induced augmentation of airway eosinophilia in a murine model of asthma. <i>Respiratory Research</i> , 2013, 14, 28.	3.6	4

#	ARTICLE	IF	CITATIONS
109	Mast cell maturation is driven via a group III phospholipase A2-prostaglandin D2-â€œDP1 receptor paracrine axis. <i>Nature Immunology</i> , 2013, 14, 554-563.	14.5	122
110	Ly6C ⁺ Ly6G ⁺ Myeloid-derived suppressor cells play a critical role in the resolution of acute inflammation and the subsequent tissue repair process after spinal cord injury. <i>Journal of Neurochemistry</i> , 2013, 125, 74-88.	3.9	90
111	Leukotriene B ₄ receptor signaling promotes liver repair after hepatic ischemia/reperfusion injury through the enhancement of macrophage recruitment. <i>FASEB Journal</i> , 2013, 27, 3132-3143.	0.5	24
112	Synthesis of (S,5Z,8E,10E)-12-Hydroxyheptadeca-5,8,10-trienoic Acid (12S-HHT) and its Analogues. <i>Synlett</i> , 2013, 24, 1545-1548.	1.8	8
113	Thromboxane A synthase-independent production of 12-hydroxyheptadecatrienoic acid, a BLT2 ligand. <i>Journal of Lipid Research</i> , 2013, 54, 2979-2987.	4.2	53
114	Aspirin delays skin wound healing by reducing the production of 12-hydroxyheptadecatrienoic acid, a ligand for BLT2 receptor. <i>FASEB Journal</i> , 2013, 27, 813.4.	0.5	1
115	Absence of LTB4/BLT1 axis facilitates generation of mouse GM-CSF-induced long-lasting antitumor immunologic memory by enhancing innate and adaptive immune systems. <i>Blood</i> , 2012, 120, 3444-3454.	1.4	18
116	Helix 8 of leukotriene B ₄ receptor 1 inhibits ligand-induced internalization. <i>FASEB Journal</i> , 2012, 26, 4068-4078.	0.5	25
117	A high-affinity monoclonal antibody against the FLAG tag useful for G-protein-coupled receptor study. <i>Analytical Biochemistry</i> , 2012, 425, 157-165.	2.4	28
118	International Union of Basic and Clinical Pharmacology. LXXXIV: Leukotriene Receptor Nomenclature, Distribution, and Pathophysiological Functions. <i>Pharmacological Reviews</i> , 2011, 63, 539-584.	16.0	134
119	Leukotriene B4 receptors: Novel roles in immunological regulations. <i>Advances in Enzyme Regulation</i> , 2011, 51, 59-64.	2.6	65
120	What is the natural ligand of GPR55?. <i>Journal of Biochemistry</i> , 2011, 149, 495-497.	1.7	14
121	Absence of LTB4/BLT1 Axis Promotes Generation of Long-Lasting Antitumor Memory Responses Induced by Administration of GM-CSF Gene-Transduced Tumor Cells, in a CD4+ T Cell-Dependent Manner., <i>Blood</i> , 2011, 118, 3246-3246.	1.4	0
122	CD10-bearing fibroblast inhibits matrigel invasive potency of interleukin-1 β -producing squamous cell carcinoma by diminishing substance P levels in the tumor microenvironment. <i>Cancer Science</i> , 2010, 101, 2570-2578.	3.9	13
123	Protective role of the leukotriene B ₄ receptor BLT2 in murine inflammatory colitis. <i>FASEB Journal</i> , 2010, 24, 4678-4690.	0.5	77
124	Leukotriene B4 Augments and Restores Fc γ R ₃ -dependent Phagocytosis in Macrophages. <i>Journal of Biological Chemistry</i> , 2010, 285, 41113-41121.	3.4	50
125	Identification of a Novel Marker for Dendritic Cell Maturation, Mouse Transmembrane Protein 123. <i>Journal of Biological Chemistry</i> , 2010, 285, 31876-31884.	3.4	12
126	Attenuated Th1 induction by dendritic cells from mice deficient in the leukotriene B4 receptor 1. <i>Biochimie</i> , 2010, 92, 682-691.	2.6	49

#	ARTICLE	IF	CITATIONS
127	The leukotriene B4 receptor, BLT1, is required for the induction of experimental autoimmune encephalomyelitis. <i>Biochemical and Biophysical Research Communications</i> , 2010, 394, 673-678.	2.1	57
128	Expression, purification and characterization of leukotriene B4 receptor, BLT1 in <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , 2010, 72, 66-74.	1.3	9
129	The LTB4-BLT1 Axis Mediates Neutrophil Infiltration and Secondary Injury in Experimental Spinal Cord Injury. <i>American Journal of Pathology</i> , 2010, 176, 2352-2366.	3.8	148
130	Aromatic D-amino acids act as chemoattractant factors for human leukocytes through a G protein-coupled receptor, GPR109B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3930-3934.	7.1	70
131	Helix 8 of leukotriene B4 receptor is required for the folding to pass the quality control in the endoplasmic reticulum. <i>FASEB Journal</i> , 2009, 23, 1470-1481.	0.5	28
132	A distinctive role of the leukotriene B4 receptor BLT1 in osteoclastic activity during bone loss. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21294-21299.	7.1	45
133	Transcriptional regulation of human G2A in monocytes/ macrophages: involvement of c/EBPs, Runx and Pu.1. <i>Genes To Cells</i> , 2009, 14, 1441-1455.	1.2	12
134	BLT2 is expressed in PanINs, IPMNs, pancreatic cancer and stimulates tumour cell proliferation. <i>British Journal of Cancer</i> , 2008, 99, 1064-1073.	6.4	58
135	Preparation of 2-, 3-, 4- and 7-(2-alkylcarbamoyl-1-alkylvinyl)benzo[b]furans and their BLT1 and/or BLT2 inhibitory activities. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 296-307.	2.8	56
136	Preparation of leukotriene B4 inhibitory active 2- and 3-(2-aminothiazol-4-yl)benzo[b]furan derivatives and their growth inhibitory activity on human pancreatic cancer cells. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2772.	2.8	24
137	Characterization of an Orphan G Protein-coupled Receptor, GPR20, That Constitutively Activates Gi Proteins. <i>Journal of Biological Chemistry</i> , 2008, 283, 12747-12755.	3.4	28
138	12(S)-hydroxyheptadeca-5Z, 8E, 10E-trienoic acid is a natural ligand for leukotriene B4 receptor 2. <i>Journal of Experimental Medicine</i> , 2008, 205, 759-766.	8.5	168
139	LEUKOTRIENE B4/LEUKOTRIENE B4 RECEPTOR PATHWAY IS INVOLVED IN HEPATIC MICROCIRCULATORY DYSFUNCTION ELICITED BY ENDOTOXIN. <i>Shock</i> , 2008, 30, 87-91.	2.1	18
140	Identification of the Intracellular Region of the Leukotriene B4 Receptor Type 1 That Is Specifically Involved in Gi Activation. <i>Journal of Biological Chemistry</i> , 2007, 282, 3998-4006.	3.4	38
141	Synthesis and biological activities of novel furo[2,3,4-jk][2]benzazepin-4(3H)-one derivatives. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 655.	2.8	16
142	Preparation of 3-(4-chlorophenyl)-2-(2-aminothiazol-4-yl)-5-methoxybenzo[b]furan derivatives and their leukotriene B4 inhibitory activity. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3083.	2.8	8
143	Attenuation of Folic Acid-Induced Renal Inflammatory Injury in Platelet-Activating Factor Receptor-Deficient Mice. <i>American Journal of Pathology</i> , 2006, 168, 1413-1424.	3.8	71
144	Crystal Structure of Anti-Configuration of Indomethacin and Leukotriene B4 12-Hydroxydehydrogenase/15-Oxo-Prostaglandin 13-Reductase Complex Reveals the Structural Basis of Broad Spectrum Indomethacin Efficacy. <i>Journal of Biochemistry</i> , 2006, 140, 457-466.	1.7	21

#	ARTICLE	IF	CITATIONS
145	The Lipoxin Receptor ALX: Potent Ligand-Specific and Stereoselective Actions in Vivo. <i>Pharmacological Reviews</i> , 2006, 58, 463-487.	16.0	431
146	Differential expression of S100A2 and S100A4 in lung adenocarcinomas: Clinicopathological significance, relationship to p53 and identification of their target genes. <i>Cancer Science</i> , 2005, 96, 844-857.	3.9	69
147	Characterization of a Mouse Second Leukotriene B4 Receptor, mBLT2. <i>Journal of Biological Chemistry</i> , 2005, 280, 24816-24823.	3.4	80
148	Absence of Leukotriene B4 Receptor 1 Confers Resistance to Airway Hyperresponsiveness and Th2-Type Immune Responses. <i>Journal of Immunology</i> , 2005, 175, 4217-4225.	0.8	157
149	Leukotriene B4 Receptor and the Function of Its Helix 8. <i>Journal of Biological Chemistry</i> , 2005, 280, 32049-32052.	3.4	55
150	Synthesis of 2-, 4- and 5-(2-alkylcarbamoyl-1-methylvinyl)-7-alkyloxybenzo[b]furans and their leukotriene B4 receptor antagonistic activity. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2129.	2.8	13
151	International Union of Pharmacology XLIV. Nomenclature for the Oxoeicosanoid Receptor. <i>Pharmacological Reviews</i> , 2004, 56, 149-157.	16.0	54
152	Structural Basis of Leukotriene B4 12-Hydroxydehydrogenase/15-Oxo-prostaglandin 13-Reductase Catalytic Mechanism and a Possible Src Homology 3 Domain Binding Loop. <i>Journal of Biological Chemistry</i> , 2004, 279, 22615-22623.	3.4	58
153	G2A Is a Proton-sensing G-protein-coupled Receptor Antagonized by Lysophosphatidylcholine. <i>Journal of Biological Chemistry</i> , 2004, 279, 42484-42491.	3.4	205
154	Preparation of 2- and 4-(2-alkylcarbamoyl-1-methylvinyl)-7-alkyloxybenzo[b]furans having potent antagonistic activity against human leukotriene B4 BLT1 and/or BLT2 receptors. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 3427.	2.8	11
155	Cloning of adiponectin receptors that mediate antidiabetic metabolic effects. <i>Nature</i> , 2003, 423, 762-769.	27.8	2,804
156	Plexin-A1 and plexin-B1 specifically interact at their cytoplasmic domains. <i>Biochemical and Biophysical Research Communications</i> , 2003, 300, 927-931.	2.1	20
157	Glucocorticoids up-regulate leukotriene B4 receptor-1 expression during neutrophilic differentiation of HL-60 cells. <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 114-119.	2.1	22
158	Helix 8 of the Leukotriene B4 Receptor Is Required for the Conformational Change to the Low Affinity State after G-protein Activation. <i>Journal of Biological Chemistry</i> , 2003, 278, 41500-41509.	3.4	52
159	A Combinatorial G Protein-coupled Receptor Reconstitution System on Budded Baculovirus. <i>Journal of Biological Chemistry</i> , 2003, 278, 24552-24562.	3.4	64
160	International Union of Pharmacology XXXVII. Nomenclature for Leukotriene and Lipoxin Receptors. <i>Pharmacological Reviews</i> , 2003, 55, 195-227.	16.0	271
161	Requirement of Phosphatidylinositol 3-Kinase Activation and Calcium Influx for Leukotriene B4-induced Enzyme Release. <i>Journal of Biological Chemistry</i> , 2002, 277, 44898-44904.	3.4	41
162	Characterization of Mouse Cysteinyl Leukotriene Receptors mCysLT1 and mCysLT2. <i>Journal of Biological Chemistry</i> , 2002, 277, 18763-18768.	3.4	53

#	ARTICLE	IF	CITATIONS
163	Association of eNOS Glu298Asp Polymorphism With End-Stage Renal Disease. <i>Hypertension</i> , 2002, 40, 535-540.	2.7	150
164	Leukotriene Receptors: Classification, Gene Expression, and Signal Transduction. <i>Journal of Biochemistry</i> , 2002, 132, 1-6.	1.7	35
165	Characterization of two distinct types of leukotriene B4 receptor. <i>International Congress Series</i> , 2002, 1233, 415-420.	0.2	0
166	Leukotriene B4 receptors. <i>Prostaglandins and Other Lipid Mediators</i> , 2002, 68-69, 575-585.	1.9	83
167	In Vivo Chemotaxis Using CHO Cells Expressing Human Leukotriene B4 Receptor. <i>Advances in Experimental Medicine and Biology</i> , 2002, 507, 357-361.	1.6	0
168	Leukotriene B4: Metabolism and Signal Transduction. <i>Archives of Biochemistry and Biophysics</i> , 2001, 385, 231-241.	3.0	214
169	Co-expression of two LTB4 receptors in human mononuclear cells. <i>Life Sciences</i> , 2001, 68, 2207-2212.	4.3	47
170	Immunohistochemical localization of guinea-pig leukotriene B4:12-hydroxydehydrogenase/15-ketoprostaglandin 13-reductase. <i>FEBS Journal</i> , 2001, 268, 6105-6113.	0.2	16
171	Hydroxyeicosanoids Bind to and Activate the Low Affinity Leukotriene B4 Receptor, BLT2. <i>Journal of Biological Chemistry</i> , 2001, 276, 12454-12459.	3.4	171
172	Single Nucleotide Polymorphism of Human Platelet-activating Factor Receptor Impairs G-protein Activation. <i>Journal of Biological Chemistry</i> , 2001, 276, 43025-43030.	3.4	44
173	BLT2, a Second Leukotriene B4 Receptor. <i>Medical Science Symposia Series</i> , 2001, , 107-110.	0.0	0
174	Cell-Specific Transcriptional Regulation of Human Leukotriene B4 Receptor Gene. <i>Journal of Experimental Medicine</i> , 2000, 192, 413-420.	8.5	86
175	An in vivo approach showing the chemotactic activity of leukotriene B4 in acute renal ischemic-reperfusion injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 823-828.	7.1	80
176	Leukotriene B4 Receptor. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 161, S51-S55.	5.6	35
177	A Second Leukotriene B4 Receptor, Blt2. <i>Journal of Experimental Medicine</i> , 2000, 192, 421-432.	8.5	503
178	Inhibitory Regulation of Rac Activation, Membrane Ruffling, and Cell Migration by the G Protein-Coupled Sphingosine-1-Phosphate Receptor EDG5 but Not EDG1 or EDG3. <i>Molecular and Cellular Biology</i> , 2000, 20, 9247-9261.	2.3	313
179	Critical Duration of Intracellular Ca ²⁺ Response Required for Continuous Translocation and Activation of Cytosolic Phospholipase A2. <i>Journal of Biological Chemistry</i> , 1999, 274, 5163-5169.	3.4	161
180	Characterization of the cloned guinea pig leukotriene B4 receptor: comparison to its human orthologue. <i>European Journal of Pharmacology</i> , 1999, 380, 203-213.	3.5	23

#	ARTICLE	IF	CITATIONS
181	Characterization of the leukotriene B4receptor in porcine leukocytes. FEBS Journal, 1999, 259, 419-425.	0.2	13
182	Cloning and Characterization of Rat Leukotriene B4 Receptor. Biochemical and Biophysical Research Communications, 1999, 262, 806-812.	2.1	39
183	cDNA cloning and characterization of guinea-pig leukotriene B4 receptor. Biochemical Journal, 1999, 342, 79-85.	3.7	34
184	cDNA cloning and characterization of guinea-pig leukotriene B4 receptor. Biochemical Journal, 1999, 342, 79.	3.7	13
185	Molecular Cloning and Characterization of Leukotriene B4 Receptor. Advances in Experimental Medicine and Biology, 1999, 469, 237-244.	1.6	2
186	A G-protein-coupled receptor for leukotriene B4 that mediates chemotaxis. Nature, 1997, 387, 620-624.	27.8	918
187	cDNA Cloning and Mutagenesis Study of Leukotriene B4 12-Hydroxydehydrogenase. Advances in Experimental Medicine and Biology, 1997, 407, 151-156.	1.6	4
188	cDNA Cloning, Expression, and Mutagenesis Study of Leukotriene B4 12-Hydroxydehydrogenase. Journal of Biological Chemistry, 1996, 271, 2844-2850.	3.4	73
189	Leukotriene A4 hydrolase and leukotriene B4 metabolism. Journal of Lipid Mediators and Cell Signalling, 1995, 12, 321-332.	0.9	19