

# Takehiko Yokomizo

## List of Publications by Year in descending order

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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	Cloning of adiponectin receptors that mediate antidiabetic metabolic effects. <i>Nature</i> , 2003, 423, 762-769.	27.8	2,804
2	A G-protein-coupled receptor for leukotriene B4 that mediates chemotaxis. <i>Nature</i> , 1997, 387, 620-624.	27.8	918
3	A Second Leukotriene B4 Receptor, Blt2. <i>Journal of Experimental Medicine</i> , 2000, 192, 421-432.	8.5	503
4	The Lipoxin Receptor ALX: Potent Ligand-Specific and Stereoselective Actions in Vivo. <i>Pharmacological Reviews</i> , 2006, 58, 463-487.	16.0	431
5	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
6	International Union of Pharmacology XXXVII. Nomenclature for Leukotriene and Lipoxin Receptors. <i>Pharmacological Reviews</i> , 2003, 55, 195-227.	16.0	271
7	Leukotriene B4: Metabolism and Signal Transduction. <i>Archives of Biochemistry and Biophysics</i> , 2001, 385, 231-241.	3.0	214
8	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
9	Update on leukotriene, lipoxin and oxoecosanoid receptors: IUPHAR Review 7. <i>British Journal of Pharmacology</i> , 2014, 171, 3551-3574.	5.4	173
10	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
11	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
12	Critical Duration of Intracellular Ca <sup>2+</sup> Response Required for Continuous Translocation and Activation of Cytosolic Phospholipase A2. <i>Journal of Biological Chemistry</i> , 1999, 274, 5163-5169.	3.4	161
13	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
14	ROCK-Isoform-Specific Polarization of Macrophages Associated with Age-Related Macular Degeneration. <i>Cell Reports</i> , 2015, 10, 1173-1186.	6.4	154
15	Association of eNOS Glu298Asp Polymorphism With End-Stage Renal Disease. <i>Hypertension</i> , 2002, 40, 535-540.	2.7	150
16	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
17	Autophagy regulates lipid metabolism through selective turnover of NCoR1. <i>Nature Communications</i> , 2019, 10, 1567.	12.8	143
18	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

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19	The role of leukotrienes in allergic diseases. <i>Allergology International</i> , 2015, 64, 17-26.	3.3	129
20	Leukotriene receptors as potential therapeutic targets. <i>Journal of Clinical Investigation</i> , 2018, 128, 2691-2701.	8.2	129
21	Mast cell maturation is driven via a group III phospholipase A2-prostaglandin D2- $\text{DP1}$ receptor paracrine axis. <i>Nature Immunology</i> , 2013, 14, 554-563.	14.5	122
22	Two distinct leukotriene B4 receptors, BLT1 and BLT2. <i>Journal of Biochemistry</i> , 2015, 157, 65-71.	1.7	104
23	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
24	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
25	Ly6C <sup>+</sup> Ly6G <sup>+</sup> 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
26	Cell-Specific Transcriptional Regulation of Human Leukotriene B4 Receptor Gene. <i>Journal of Experimental Medicine</i> , 2000, 192, 413-420.	8.5	86
27	The Role of Leukotrienes as Potential Therapeutic Targets in Allergic Disorders. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3580.	4.1	84
28	Leukotriene B4 receptors. <i>Prostaglandins and Other Lipid Mediators</i> , 2002, 68-69, 575-585.	1.9	83
29	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
30	Characterization of a Mouse Second Leukotriene B4 Receptor, mBLT2. <i>Journal of Biological Chemistry</i> , 2005, 280, 24816-24823.	3.4	80
31	Na <sup>+</sup> -mimicking ligands stabilize the inactive state of leukotriene B4 receptor BLT1. <i>Nature Chemical Biology</i> , 2018, 14, 262-269.	8.0	80
32	Protective role of the leukotriene B <sub>4</sub> receptor BLT2 in murine inflammatory colitis. <i>FASEB Journal</i> , 2010, 24, 4678-4690.	0.5	77
33	cDNA Cloning, Expression, and Mutagenesis Study of Leukotriene B4 12-Hydroxydehydrogenase. <i>Journal of Biological Chemistry</i> , 1996, 271, 2844-2850.	3.4	73
34	Identification, signaling, and functions of LTB <sub>4</sub> receptors. <i>Seminars in Immunology</i> , 2017, 33, 30-36.	5.6	73
35	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
36	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

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37	Applications of mass spectrometry-based targeted and non-targeted lipidomics. <i>Biochemical and Biophysical Research Communications</i> , 2018, 504, 576-581.	2.1	70
38	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
39	Leukotriene B4 receptors: Novel roles in immunological regulations. <i>Advances in Enzyme Regulation</i> , 2011, 51, 59-64.	2.6	65
40	A Combinatorial G Protein-coupled Receptor Reconstitution System on Budded Baculovirus. <i>Journal of Biological Chemistry</i> , 2003, 278, 24552-24562.	3.4	64
41	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
42	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
43	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
44	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
45	Leukotriene B4 Receptor and the Function of Its Helix 8. <i>Journal of Biological Chemistry</i> , 2005, 280, 32049-32052.	3.4	55
46	The leukotriene receptors as therapeutic targets of inflammatory diseases. <i>International Immunology</i> , 2019, 31, 607-615.	4.0	55
47	International Union of Pharmacology XLIV. Nomenclature for the Oxoeicosanoid Receptor. <i>Pharmacological Reviews</i> , 2004, 56, 149-157.	16.0	54
48	Characterization of Mouse Cysteinyl Leukotriene Receptors mCysLT1 and mCysLT2. <i>Journal of Biological Chemistry</i> , 2002, 277, 18763-18768.	3.4	53
49	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
50	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
51	Leukotriene B4 Augments and Restores Fc $\gamma$ Rs-dependent Phagocytosis in Macrophages. <i>Journal of Biological Chemistry</i> , 2010, 285, 41113-41121.	3.4	50
52	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
53	Non-steroidal anti-inflammatory drug delays corneal wound healing by reducing production of 12-hydroxyheptadecatrienoic acid, a ligand for leukotriene B4 receptor 2. <i>Scientific Reports</i> , 2017, 7, 13267.	3.3	49
54	Co-expression of two LTB4 receptors in human mononuclear cells. <i>Life Sciences</i> , 2001, 68, 2207-2212.	4.3	47

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55	A distinctive role of the leukotriene B <sub>4</sub> receptor BLT1 in osteoclastic activity during bone loss. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21294-21299.	7.1	45
56	Leukotriene B <sub>4</sub> receptor BLT2 negatively regulates allergic airway eosinophilia. FASEB Journal, 2013, 27, 3306-3314.	0.5	45
57	Single Nucleotide Polymorphism of Human Platelet-activating Factor Receptor Impairs G-protein Activation. Journal of Biological Chemistry, 2001, 276, 43025-43030.	3.4	44
58	Leukotriene B <sub>4</sub> receptor type 2 (BLT2) enhances skin barrier function by regulating tight junction proteins. FASEB Journal, 2016, 30, 933-947.	0.5	44
59	Requirement of Phosphatidylinositol 3-Kinase Activation and Calcium Influx for Leukotriene B <sub>4</sub> -induced Enzyme Release. Journal of Biological Chemistry, 2002, 277, 44898-44904.	3.4	41
60	Cloning and Characterization of Rat Leukotriene B <sub>4</sub> Receptor. Biochemical and Biophysical Research Communications, 1999, 262, 806-812.	2.1	39
61	Identification of the Intracellular Region of the Leukotriene B <sub>4</sub> Receptor Type 1 That Is Specifically Involved in Gi Activation. Journal of Biological Chemistry, 2007, 282, 3998-4006.	3.4	38
62	Leukotriene B <sub>4</sub> Receptor. American Journal of Respiratory and Critical Care Medicine, 2000, 161, S51-S55.	5.6	35
63	Leukotriene Receptors: Classification, Gene Expression, and Signal Transduction. Journal of Biochemistry, 2002, 132, 1-6.	1.7	35
64	Prolonged exposure to volatile anesthetic isoflurane worsens the outcome of polymicrobial abdominal sepsis. Toxicological Sciences, 2017, 156, kfw261.	3.1	35
65	cDNA cloning and characterization of guinea-pig leukotriene B <sub>4</sub> receptor. Biochemical Journal, 1999, 342, 79-85.	3.7	34
66	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
67	Modulation of leukotriene B <sub>4</sub> receptor 1 signaling by receptor for advanced glycation end products (RAGE). FASEB Journal, 2016, 30, 1811-1822.	0.5	30
68	Volatile anesthetics isoflurane and sevoflurane directly target and attenuate Toll-like receptor 4 system. FASEB Journal, 2019, 33, 14528-14541.	0.5	29
69	BLT1 mediates commensal bacteria-dependent innate immune signals to enhance antigen-specific intestinal IgA responses. Mucosal Immunology, 2019, 12, 1082-1091.	6.0	29
70	Characterization of an Orphan G Protein-coupled Receptor, GPR20, That Constitutively Activates Gi Proteins. Journal of Biological Chemistry, 2008, 283, 12747-12755.	3.4	28
71	Helix 8 of leukotriene B <sub>4</sub> receptor is required for the folding to pass the quality control in the endoplasmic reticulum. FASEB Journal, 2009, 23, 1470-1481.	0.5	28
72	A high-affinity monoclonal antibody against the FLAG tag useful for G-protein-coupled receptor study. Analytical Biochemistry, 2012, 425, 157-165.	2.4	28

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73	Leukotriene B4 promotes neovascularization and macrophage recruitment in murine wet-type AMD models. <i>JCI Insight</i> , 2018, 3, .	5.0	28
74	Dietary $\omega$ -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
75	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
76	Inhibition of Leukotriene B <sub>4</sub> Action Mitigates Intracerebral Hemorrhage-Associated Pathological Events in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 360, 399-408.	2.5	27
77	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. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 665-670.	2.1	26
78	Helix 8 of leukotriene B <sub>4</sub> receptor 1 inhibits ligand-induced internalization. <i>FASEB Journal</i> , 2012, 26, 4068-4078.	0.5	25
79	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
80	Leukotriene B <sub>4</sub> type 1 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
81	Eicosanoids in Skin Wound Healing. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8435.	4.1	24
82	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
83	Leukotriene B4 receptor type 2 protects against pneumolysin-dependent acute lung injury. <i>Scientific Reports</i> , 2016, 6, 34560.	3.3	23
84	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
85	The PDK1-FoxO1 signaling in adipocytes controls systemic insulin sensitivity through the 5-lipoxygenase-leukotriene B <sub>4</sub> axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11674-11684.	7.1	23
86	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
87	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
88	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
89	Biochemical Characterization of Three BLT Receptors in Zebrafish. <i>PLoS ONE</i> , 2015, 10, e0117888.	2.5	22
90	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

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91	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
92	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
93	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
94	The volatile anesthetic sevoflurane reduces neutrophil apoptosis via Fas death domain-associated death domain interaction. <i>FASEB Journal</i> , 2019, 33, 12668-12679.	0.5	20
95	Leukotriene A4 hydrolase and leukotriene B4 metabolism. <i>Journal of Lipid Mediators and Cell Signalling</i> , 1995, 12, 321-332.	0.9	19
96	A synthetic leukotriene B4 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
97	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
98	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
99	The Absence of the Leukotriene B <sub>4</sub> 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
100	Loss of autophagy impairs physiological steatosis by accumulation of NCoR1. <i>Life Science Alliance</i> , 2020, 3, e201900513.	2.8	18
101	Immunohistochemical localization of guinea-pig leukotriene B4:12-hydroxydehydrogenase/15-ketoprostaglandin 13-reductase. <i>FEBS Journal</i> , 2001, 268, 6105-6113.	0.2	16
102	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
103	Altered eicosanoid production and phospholipid remodeling during cell culture. <i>Journal of Lipid Research</i> , 2018, 59, 542-549.	4.2	15
104	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
105	Stepwise phosphorylation of leukotriene B <sub>4</sub> receptor 1 defines cellular responses to leukotriene B <sub>4</sub> . <i>Science Signaling</i> , 2018, 11, .	3.6	15
106	What is the natural ligand of GPR55?. <i>Journal of Biochemistry</i> , 2011, 149, 495-497.	1.7	14
107	Leukotriene B <sub>4</sub> Receptor Type 2 Accelerates the Healing of Intestinal Lesions by Promoting Epithelial Cell Proliferation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 373, 1-9.	2.5	14
108	Characterization of the leukotriene B4receptor in porcine leukocytes. <i>FEBS Journal</i> , 1999, 259, 419-425.	0.2	13

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109	cDNA cloning and characterization of guinea-pig leukotriene B4 receptor. <i>Biochemical Journal</i> , 1999, 342, 79.	3.7	13
110	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
111	CD10â€bearing fibroblast inhibits matrigel invasive potency of interleukinâ€1Î±â€producing squamous cell carcinoma by diminishing substance P levels in the tumor microenvironment. <i>Cancer Science</i> , 2010, 101, 2570-2578.	3.9	13
112	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
113	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
114	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
115	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
116	Biochemical and immunological characterization of a novel monoclonal antibody against mouse leukotriene B4 receptor 1. <i>PLoS ONE</i> , 2017, 12, e0185133.	2.5	12
117	Cyclooxygenase inhibition in mice heightens adaptiveâ€and innateâ€type responses against inhaled protease allergen and <sc>IL</sc>â€33. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2237-2240.	5.7	12
118	Prostaglandin E<sub>2</sub> and its receptor EP2 trigger signaling that contributes to YAPâ€mediated cell competition. <i>Genes To Cells</i> , 2020, 25, 197-214.	1.2	12
119	Ablation of fatty acid desaturase 2 (FADS2) exacerbates hepatic triacylglycerol and cholesterol accumulation in polyunsaturated fatty acidâ€depleted mice. <i>FEBS Letters</i> , 2021, 595, 1920-1932.	2.8	12
120	A novel mutation in the SLCO2A1 gene, encoding a prostaglandin transporter, induces chronic enteropathy. <i>PLoS ONE</i> , 2020, 15, e0241869.	2.5	12
121	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
122	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
123	Intravenous anesthetic propofol binds to 5â€lipoxygenase and attenuates leukotriene B<sub>4</sub> production. <i>FASEB Journal</i> , 2017, 31, 1584-1594.	0.5	11
124	Role of the high-affinity leukotriene B4 receptor signaling in fibrosis after unilateral ureteral obstruction in mice. <i>PLoS ONE</i> , 2019, 14, e0202842.	2.5	11
125	Leukotriene B<sub>4</sub> receptor 1 exacerbates inflammation following myocardial infarction. <i>FASEB Journal</i> , 2020, 34, 8749-8763.	0.5	11
126	Aging exacerbates highâ€fat dietâ€induced steatohepatitis through alteration in hepatic lipid metabolism in mice. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2020, 35, 1437-1448.	2.8	11



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127	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
128	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
129	The leukotriene B <sub>4</sub> receptor <i>BLT</i> <sub>2</sub> 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
130	Expression, purification and characterization of leukotriene B4 receptor, <i>BLT</i> <sub>1</sub> in <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , 2010, 72, 66-74.	1.3	9
131	Transcriptome profiling of refractory atopic keratoconjunctivitis by RNA sequencing. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1610-1614.e6.	2.9	9
132	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
133	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
134	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
135	Neuronatin is related to keratinocyte differentiation by up-regulating involucrin. <i>Journal of Dermatological Science</i> , 2014, 73, 225-231.	1.9	8
136	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
137	IL-27 affects helper T cell responses via regulation of PGE2 production by macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 215-221.	2.1	7
138	Urinary prostaglandin D <sub>2</sub> metabolite excretion during the first six months of life was significantly lower in breastfed than formulafed infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 95-100.	1.5	7
139	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
140	Receptor for Advanced Glycation End Products Regulates Leukotriene B <sub>4</sub> Receptor 1 Signaling. <i>DNA and Cell Biology</i> , 2016, 35, 747-750.	1.9	6
141	An Alternative Pathway to Leukotriene B <sub>4</sub> Enantiomers Involving a 1,8-Diol-Forming Reaction of an Algal Oxylipin. <i>Organic Letters</i> , 2019, 21, 4667-4670.	4.6	6
142	The roles of omega-3 fatty acids and resolvins in allergic conjunctivitis. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2019, 19, 517-525.	2.3	6
143	Biosynthetic Crossover of 5-Lipoxygenase and Cyclooxygenase-2 Yields 5-Hydroxy-PGE <sub>2</sub> and 5-Hydroxy-PGD <sub>2</sub> . <i>Jacs Au</i> , 2021, 1, 1380-1388.	7.9	6
144	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

#	ARTICLE	IF	CITATIONS
145	The role of propofol hydroxyl group in 5-lipoxygenase recognition. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 909-914.	2.1	5
146	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
147	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
148	An inhaled phosphodiesterase 4 inhibitor E6005 suppresses pulmonary inflammation in mice. <i>European Journal of Pharmacology</i> , 2015, 768, 41-48.	3.5	4
149	Basic Techniques for Lipid Extraction from Tissues and Cells. , 2015, , 331-336.		4
150	Dietary supplementation of omega-3 fatty acid eicosapentaenoic acid does not ameliorate pruritus in murine models of atopic dermatitis and psoriasis. <i>Journal of Dermatological Science</i> , 2019, 95, 130-133.	1.9	4
151	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
152	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
153	cDNA Cloning and Mutagenesis Study of Leukotriene B4 12-Hydroxydehydrogenase. <i>Advances in Experimental Medicine and Biology</i> , 1997, 407, 151-156.	1.6	4
154	Lysophosphatidic acid receptor $\text{LPA}_1$ antagonist inhibits the activation of satellite glial cells and reduces acute nociceptive responses. <i>FASEB Journal</i> , 2022, 36, e22236.	0.5	4
155	Leukotriene A4 hydrolase deficiency protects mice from diet-induced obesity by increasing energy expenditure through neuroendocrine axis. <i>FASEB Journal</i> , 2020, 34, 13949-13958.	0.5	3
156	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
157	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
158	The leukotriene B4 receptor BLT1 is stabilized by transmembrane helix capping mutations. <i>Biochemistry and Biophysics Reports</i> , 2015, 4, 243-249.	1.3	2
159	Combined use of irinotecan and p53 activator enhances growth inhibition of mesothelioma cells. <i>FEBS Open Bio</i> , 2020, 10, 2375-2387.	2.3	2
160	Leukotriene B4 receptors as therapeutic targets for ophthalmic diseases. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158756.	2.4	2
161	Eicosanoid profiling in patients with complete form of pachydermoperiostosis carrying SLCO2A1 mutations. <i>Journal of Dermatology</i> , 2021, 48, 1442-1446.	1.2	2
162	Molecular Cloning and Characterization of Leukotriene B4 Receptor. <i>Advances in Experimental Medicine and Biology</i> , 1999, 469, 237-244.	1.6	2

#	ARTICLE	IF	CITATIONS
163	Aspirin Delays Skin Wound Healing. Juntendo Medical Journal, 2014, 60, 284-286.	0.1	1
164	Introduction: Special Issue“Lipids in Inflammation. International Immunology, 2019, 31, 555-557.	4.0	1
165	Biosynthesis, Biological Functions, and Receptors of Leukotriene B4 and 12(S)-Hydroxyheptadecatrienoic Acid. , 2019, , 233-246.		1
166	Cutaneous Liver X Receptor Activation Prevents the Formation of Imiquimod-Induced Psoriatic Dermatitis. Journal of Investigative Dermatology, 2022, 142, 1233-1237.e1.	0.7	1
167	Dietary intake of n-3 polyunsaturated fatty acids alters the lipid mediator profile of the kidney but does not attenuate renal insufficiency. Biochemical and Biophysical Research Communications, 2021, 582, 49-56.	2.1	1
168	Aspirin delays skin wound healing by reducing the production of 12-hydroxyheptadecatrienoic acid, a ligand for BLT2 receptor. FASEB Journal, 2013, 27, 813.4.	0.5	1
169	Carboxylesterase 2: A Key Enzyme in Drug and Prodrug Metabolism. Juntendo Medical Journal, 2020, 66, 120-124.	0.1	1
170	Characterization of two distinct types of leukotriene B4 receptor. International Congress Series, 2002, 1233, 415-420.	0.2	0
171	Lipid Mediators in Inflammation. , 2017, , 651-694.		0
172	BLT2, a Second Leukotriene B4 Receptor. Medical Science Symposia Series, 2001, , 107-110.	0.0	0
173	In Vivo Chemotaxis Using Cho Cells Expressing Human Leukotriene B4 Receptor. Advances in Experimental Medicine and Biology, 2002, 507, 357-361.	1.6	0
174	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,. Blood, 2011, 118, 3246-3246.	1.4	0
175	12-hydroxyheptadecatrienoic acid promotes epidermal wound healing by accelerating keratinocyte migration via the BLT2 receptor. Journal of Cell Biology, 2014, 205, 2054OIA98.	5.2	0
176	Bone Marrow Adipocyte-Derived Free Fatty Acids Induce Gene Signature Linking Transcription with Metabolic Changes That Contribute to Survival of Acute Monocytic Leukemia Cells. Blood, 2014, 124, 1013-1013.	1.4	0
177	Santosh Nigam Memorial “Outstanding Young Scientist” Award. Juntendo Medical Journal, 2015, 61, 352-352.	0.1	0
178	Leukotriene B4 Receptors. , 2015, , 85-93.		0
179	Abstract 5231: Regulatory mechanism of carboxylesterase 2 expression and its role in human colorectal cancer. , 2019, , .		0
180	Ageing causes lipid metabolism imbalance and exacerbates steatohepatitis in high-fat diet-fed mice. Journal of Hepatology, 2020, 73, S667-S668.	3.7	0

#	ARTICLE	IF	CITATIONS
181	Identification and pathophysiological roles of LTB4 receptors BLT1 and BLT2. , 2020, , 223-245.		0
182	Leukotrienes. , 2020, , 1-10.		0
183	Leukotrienes. , 2021, , 920-929.		0
184	A Western Diet Alters Skin Ceramides and Compromises the Skin Barrier in Ears. Journal of Investigative Dermatology, 2022, 142, 2020-2023.e2.	0.7	0
185	Abstract 989: The relationship between TP53 gene status and carboxylesterase 2 expression in human gastric cancer. , 2019, , .		0
186	Title is missing!. , 2020, 15, e0241869.		0
187	Title is missing!. , 2020, 15, e0241869.		0
188	Title is missing!. , 2020, 15, e0241869.		0
189	Title is missing!. , 2020, 15, e0241869.		0