

# Takehiko Yokomizo

## List of Publications by Year in descending order

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189  
papers

11,673  
citations

41258

49  
h-index

29081

104  
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.	13.7	2,804
2	A G-protein-coupled receptor for leukotriene B4 that mediates chemotaxis. <i>Nature</i> , 1997, 387, 620-624.	13.7	918
3	A Second Leukotriene B4 Receptor, Blt2. <i>Journal of Experimental Medicine</i> , 2000, 192, 421-432.	4.2	503
4	The Lipoxin Receptor ALX: Potent Ligand-Specific and Stereoselective Actions in Vivo. <i>Pharmacological Reviews</i> , 2006, 58, 463-487.	7.1	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.	1.1	313
6	International Union of Pharmacology XXXVII. Nomenclature for Leukotriene and Lipoxin Receptors. <i>Pharmacological Reviews</i> , 2003, 55, 195-227.	7.1	271
7	Leukotriene B4: Metabolism and Signal Transduction. <i>Archives of Biochemistry and Biophysics</i> , 2001, 385, 231-241.	1.4	214
8	G2A Is a Proton-sensing G-protein-coupled Receptor Antagonized by Lysophosphatidylcholine. <i>Journal of Biological Chemistry</i> , 2004, 279, 42484-42491.	1.6	205
9	Update on leukotriene, lipoxin and oxoecosanoid receptors: IUPHAR Review 7. <i>British Journal of Pharmacology</i> , 2014, 171, 3551-3574.	2.7	173
10	Hydroxyeicosanoids Bind to and Activate the Low Affinity Leukotriene B4 Receptor, BLT2. <i>Journal of Biological Chemistry</i> , 2001, 276, 12454-12459.	1.6	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.	4.2	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.	1.6	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.	0.4	157
14	ROCK-Isoform-Specific Polarization of Macrophages Associated with Age-Related Macular Degeneration. <i>Cell Reports</i> , 2015, 10, 1173-1186.	2.9	154
15	Association of eNOS Glu298Asp Polymorphism With End-Stage Renal Disease. <i>Hypertension</i> , 2002, 40, 535-540.	1.3	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.	1.9	148
17	Autophagy regulates lipid metabolism through selective turnover of NCoR1. <i>Nature Communications</i> , 2019, 10, 1567.	5.8	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.	7.1	134

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19	The role of leukotrienes in allergic diseases. <i>Allergology International</i> , 2015, 64, 17-26.	1.4	129
20	Leukotriene receptors as potential therapeutic targets. <i>Journal of Clinical Investigation</i> , 2018, 128, 2691-2701.	3.9	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.	7.0	122
22	Two distinct leukotriene B4 receptors, BLT1 and BLT2. <i>Journal of Biochemistry</i> , 2015, 157, 65-71.	0.9	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.	4.2	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.	4.2	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.	2.1	90
26	Cell-Specific Transcriptional Regulation of Human Leukotriene B4 Receptor Gene. <i>Journal of Experimental Medicine</i> , 2000, 192, 413-420.	4.2	86
27	The Role of Leukotrienes as Potential Therapeutic Targets in Allergic Disorders. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3580.	1.8	84
28	Leukotriene B4 receptors. <i>Prostaglandins and Other Lipid Mediators</i> , 2002, 68-69, 575-585.	1.0	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.	3.3	80
30	Characterization of a Mouse Second Leukotriene B4 Receptor, mBLT2. <i>Journal of Biological Chemistry</i> , 2005, 280, 24816-24823.	1.6	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.	3.9	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.	0.2	77
33	cDNA Cloning, Expression, and Mutagenesis Study of Leukotriene B4 12-Hydroxydehydrogenase. <i>Journal of Biological Chemistry</i> , 1996, 271, 2844-2850.	1.6	73
34	Identification, signaling, and functions of LTB <sub>4</sub> receptors. <i>Seminars in Immunology</i> , 2017, 33, 30-36.	2.7	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.	1.9	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.	3.3	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.	1.0	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.	1.7	69
39	Leukotriene B4 receptors: Novel roles in immunological regulations. <i>Advances in Enzyme Regulation</i> , 2011, 51, 59-64.	2.9	65
40	A Combinatorial G Protein-coupled Receptor Reconstitution System on Budded Baculovirus. <i>Journal of Biological Chemistry</i> , 2003, 278, 24552-24562.	1.6	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.	1.6	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.	2.9	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.	1.0	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.	1.5	56
45	Leukotriene B4 Receptor and the Function of Its Helix 8. <i>Journal of Biological Chemistry</i> , 2005, 280, 32049-32052.	1.6	55
46	The leukotriene receptors as therapeutic targets of inflammatory diseases. <i>International Immunology</i> , 2019, 31, 607-615.	1.8	55
47	International Union of Pharmacology XLIV. Nomenclature for the Oxoeicosanoid Receptor. <i>Pharmacological Reviews</i> , 2004, 56, 149-157.	7.1	54
48	Characterization of Mouse Cysteinyl Leukotriene Receptors mCysLT1 and mCysLT2. <i>Journal of Biological Chemistry</i> , 2002, 277, 18763-18768.	1.6	53
49	Thromboxane A synthase-independent production of 12-hydroxyheptadecatrienoic acid, a BLT2 ligand. <i>Journal of Lipid Research</i> , 2013, 54, 2979-2987.	2.0	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.	1.6	52
51	Leukotriene B4 Augments and Restores Fc $\gamma$ R <sub>3</sub> -dependent Phagocytosis in Macrophages. <i>Journal of Biological Chemistry</i> , 2010, 285, 41113-41121.	1.6	50
52	Attenuated Th1 induction by dendritic cells from mice deficient in the leukotriene B4 receptor 1. <i>Biochimie</i> , 2010, 92, 682-691.	1.3	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.	1.6	49
54	Co-expression of two LTB4 receptors in human mononuclear cells. <i>Life Sciences</i> , 2001, 68, 2207-2212.	2.0	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.	3.3	45
56	Leukotriene B <sub>4</sub> receptor BLT2 negatively regulates allergic airway eosinophilia. FASEB Journal, 2013, 27, 3306-3314.	0.2	45
57	Single Nucleotide Polymorphism of Human Platelet-activating Factor Receptor Impairs G-protein Activation. Journal of Biological Chemistry, 2001, 276, 43025-43030.	1.6	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.	0.2	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.	1.6	41
60	Cloning and Characterization of Rat Leukotriene B <sub>4</sub> Receptor. Biochemical and Biophysical Research Communications, 1999, 262, 806-812.	1.0	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.	1.6	38
62	Leukotriene B <sub>4</sub> Receptor. American Journal of Respiratory and Critical Care Medicine, 2000, 161, S51-S55.	2.5	35
63	Leukotriene Receptors: Classification, Gene Expression, and Signal Transduction. Journal of Biochemistry, 2002, 132, 1-6.	0.9	35
64	Prolonged exposure to volatile anesthetic isoflurane worsens the outcome of polymicrobial abdominal sepsis. Toxicological Sciences, 2017, 156, kfw261.	1.4	35
65	cDNA cloning and characterization of guinea-pig leukotriene B <sub>4</sub> receptor. Biochemical Journal, 1999, 342, 79-85.	1.7	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.	0.3	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.	0.2	30
68	Volatile anesthetics isoflurane and sevoflurane directly target and attenuate Toll-like receptor 4 system. FASEB Journal, 2019, 33, 14528-14541.	0.2	29
69	BLT1 mediates commensal bacteria-dependent innate immune signals to enhance antigen-specific intestinal IgA responses. Mucosal Immunology, 2019, 12, 1082-1091.	2.7	29
70	Characterization of an Orphan G Protein-coupled Receptor, GPR20, That Constitutively Activates Gi Proteins. Journal of Biological Chemistry, 2008, 283, 12747-12755.	1.6	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.	0.2	28
72	A high-affinity monoclonal antibody against the FLAG tag useful for G-protein-coupled receptor study. Analytical Biochemistry, 2012, 425, 157-165.	1.1	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, .	2.3	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.	0.2	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.	2.0	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.	1.3	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.	1.0	26
78	Helix 8 of leukotriene B <sub>4</sub> receptor 1 inhibits ligand-induced internalization. <i>FASEB Journal</i> , 2012, 26, 4068-4078.	0.2	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.	1.5	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.	0.2	24
81	Eicosanoids in Skin Wound Healing. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8435.	1.8	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.	1.7	23
83	Leukotriene B4 receptor type 2 protects against pneumolysin-dependent acute lung injury. <i>Scientific Reports</i> , 2016, 6, 34560.	1.6	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.	1.6	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.	3.3	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.	1.0	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.	0.9	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.	1.8	22
89	Biochemical Characterization of Three BLT Receptors in Zebrafish. <i>PLoS ONE</i> , 2015, 10, e0117888.	1.1	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.	0.9	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.	1.6	21
92	Plexin-A1 and plexin-B1 specifically interact at their cytoplasmic domains. <i>Biochemical and Biophysical Research Communications</i> , 2003, 300, 927-931.	1.0	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.	1.5	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.	0.2	20
95	Leukotriene A4 hydrolase and leukotriene B4 metabolism. <i>Journal of Lipid Mediators and Cell Signalling</i> , 1995, 12, 321-332.	1.0	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.	1.2	19
97	LEUKOTRIENE B4/LEUKOTRIENE B4 RECEPTOR PATHWAY IS INVOLVED IN HEPATIC MICROCIRCULATORY DYSFUNCTION ELICITED BY ENDOTOXIN. <i>Shock</i> , 2008, 30, 87-91.	1.0	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.	0.6	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.	1.0	18
100	Loss of autophagy impairs physiological steatosis by accumulation of NCoR1. <i>Life Science Alliance</i> , 2020, 3, e201900513.	1.3	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.	1.5	16
103	Altered eicosanoid production and phospholipid remodeling during cell culture. <i>Journal of Lipid Research</i> , 2018, 59, 542-549.	2.0	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.	2.0	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, .	1.6	15
106	What is the natural ligand of GPR55?. <i>Journal of Biochemistry</i> , 2011, 149, 495-497.	0.9	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.	1.3	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.	1.7	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.	1.5	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.	1.7	13
112	The Relationship between TP53 Gene Status and Carboxylesterase 2 Expression in Human Colorectal Cancer. <i>Disease Markers</i> , 2018, 2018, 1-7.	0.6	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.	1.0	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.	0.5	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.	1.6	12
116	Biochemical and immunological characterization of a novel monoclonal antibody against mouse leukotriene B4 receptor 1. <i>PLoS ONE</i> , 2017, 12, e0185133.	1.1	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.	2.7	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.	0.5	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.	1.3	12
120	A novel mutation in the SLCO2A1 gene, encoding a prostaglandin transporter, induces chronic enteropathy. <i>PLoS ONE</i> , 2020, 15, e0241869.	1.1	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.	1.5	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.	1.0	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.	0.2	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.	1.1	11
125	Leukotriene B<sub>4</sub> receptor 1 exacerbates inflammation following myocardial infarction. <i>FASEB Journal</i> , 2020, 34, 8749-8763.	0.2	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.	1.4	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.	4.8	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.	1.4	11
129	The leukotriene B <sub>4</sub> receptor <i>BLT</i> 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.	1.4	10
130	Expression, purification and characterization of leukotriene B4 receptor, <i>BLT</i> 1 in <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , 2010, 72, 66-74.	0.6	9
131	Transcriptome profiling of refractory atopic keratoconjunctivitis by RNA sequencing. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1610-1614.e6.	1.5	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.	1.1	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.	1.5	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.	1.0	8
135	Neuronatin is related to keratinocyte differentiation by up-regulating involucrin. <i>Journal of Dermatological Science</i> , 2014, 73, 225-231.	1.0	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.	1.0	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.	1.0	7
138	Urinary prostaglandin D <sub>2</sub> metabolite excretion during the first six months of life was significantly lower in breast-fed than formula-fed infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 95-100.	0.7	7
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