

# CITATION REPORT

List of articles citing

## The role of prostaglandins in allergic lung inflammation and asthma

DOI: 10.1586/17476348.2015.992783

Expert Review of Respiratory Medicine, 2015, 9, 55-72.

**Source:** <https://exaly.com/paper-pdf/61270368/citation-report.pdf>

**Version:** 2024-04-09

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
85	Prostanoids in Asthma and COPD: Actions, Dysregulation, and Therapeutic Opportunities. <i>Chest</i> , <b>2015</b> , 148, 1300-1306	5.3	20
84	Type 2 cytokines: mechanisms and therapeutic strategies. <i>Nature Reviews Immunology</i> , <b>2015</b> , 15, 271-82	36.5	398
83	Molecular mechanisms and cell signaling of 20-hydroxyeicosatetraenoic acid in vascular pathophysiology. <i>Frontiers in Bioscience - Landmark</i> , <b>2016</b> , 21, 1427-63	2.8	54
82	Functional Role of Fc $\gamma$ RIIB in the Regulation of Mesenchymal Stem Cell Function. <i>International Journal of Medical Sciences</i> , <b>2016</b> , 13, 154-60	3.7	1
81	Pharmacogenomics of Prostaglandin and Leukotriene Receptors. <i>Frontiers in Pharmacology</i> , <b>2016</b> , 7, 316	5.6	22
80	Lipid mediators as regulators of human ILC2 function in allergic diseases. <i>Immunology Letters</i> , <b>2016</b> , 179, 36-42	4.1	35
79	Cyclooxygenase 2: its regulation, role and impact in airway inflammation. <i>Clinical and Experimental Allergy</i> , <b>2016</b> , 46, 397-410	4.1	64
78	Emerging concepts in smooth muscle contributions to airway structure and function: implications for health and disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2016</b> , 311, L1113-L1140	5.8	82
77	Biomarkers for the Phenotyping and Monitoring of Asthma in Children. <i>Current Treatment Options in Allergy</i> , <b>2016</b> , 3, 439-452	1	20
76	Prostaglandin E2 induces expression of MAPK phosphatase 1 (MKP-1) in airway smooth muscle cells. <i>European Journal of Pharmacology</i> , <b>2016</b> , 782, 1-5	5.3	8
75	Myometrial cytokines and their role in the onset of labour. <i>Journal of Endocrinology</i> , <b>2016</b> , 231, R101-R114	19.7	36
74	Hematopoietic prostaglandin D synthase: Linking pathogenic effector CD4(+) T(H)2 cells to proeosinophilic inflammation in patients with gastrointestinal allergic disorders. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 137, 919-21	11.5	5
73	Prostaglandin D2 signaling mediated by the CTRH2 receptor is involved in MK-801-induced cognitive dysfunction. <i>Behavioural Brain Research</i> , <b>2016</b> , 314, 77-86	3.4	5
72	Selective COX-2 Inhibition Exerts No Negative Effects on Peripheral Blood Lymphocytes in Allergic Asthmatics. <i>International Archives of Allergy and Immunology</i> , <b>2016</b> , 170, 57-61	3.7	
71	Severe asthma exists despite suppressed tissue inflammation: findings of the U-BIOPRED study. <i>European Respiratory Journal</i> , <b>2016</b> , 48, 1307-1319	13.6	31
70	E-Prostanoid 2 Receptor Overexpression Promotes Mesenchymal Stem Cell Attenuated Lung Injury. <i>Human Gene Therapy</i> , <b>2016</b> , 27, 621-30	4.8	29
69	Metastasis-associated protein 1 (MTA1) signaling in rheumatoid synovium: Regulation of inflammatory response and cytokine-mediated production of prostaglandin E2 (PGE2). <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 473, 442-8	3.4	8

68	Insights into Group 2 Innate Lymphoid Cells in Human Airway Disease. <i>Current Allergy and Asthma Reports</i> , <b>2016</b> , 16, 8	5.6	54
67	Control of local immunity by airway epithelial cells. <i>Mucosal Immunology</i> , <b>2016</b> , 9, 287-98	9.2	78
66	Lipidomic characterization and localization of phospholipids in the human lung. <i>Journal of Lipid Research</i> , <b>2017</b> , 58, 926-933	6.3	26
65	Human lung ex vivo infection models. <i>Cell and Tissue Research</i> , <b>2017</b> , 367, 511-524	4.2	13
64	Cytokine and Lipid Mediator Regulation of Group 2 Innate Lymphoid Cells (ILC2s) in Human Allergic Airway Disease. <b>2017</b> , 2,		21
63	Inhibition of cyclooxygenase-2 sensitizes lung cancer cells to radiation-induced apoptosis. <i>Oncology Letters</i> , <b>2017</b> , 14, 5959-5965	2.6	7
62	Role of lipid mediators and control of lymphocyte responses in type 2 immunopathology. <i>Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 141, 1182-1190	11.5	23
61	Novel Function of Cyclooxygenase-2: Suppressing Mycobacteria by Promoting Autophagy via the Protein Kinase B/Mammalian Target of Rapamycin Pathway. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 217, 1267-1279	7	13
60	A Novel Orally Available Asthma Drug Candidate That Reduces Smooth Muscle Constriction and Inflammation by Targeting GABA Receptors in the Lung. <i>Molecular Pharmaceutics</i> , <b>2018</b> , 15, 1766-1777	5.6	19
59	Investigation of 15-hydroxyprostaglandin dehydrogenase catalytic reaction mechanism by molecular dynamics simulations. <i>Journal of Molecular Graphics and Modelling</i> , <b>2018</b> , 80, 190-196	2.8	2
58	PGE production at sites of tissue injury promotes an anti-inflammatory neutrophil phenotype and determines the outcome of inflammation resolution in vivo. <i>Science Advances</i> , <b>2018</b> , 4, eaar8320	14.3	101
57	General Pathways of Pain Sensation and the Major Neurotransmitters Involved in Pain Regulation. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	138
56	Expression and Activity of COX-1 and COX-2 in Acanthamoeba sp.-Infected Lungs According to the Host Immunological Status. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	14
55	Novel mechanisms regulating endothelial barrier function in the pulmonary microcirculation. <i>Journal of Physiology</i> , <b>2019</b> , 597, 997-1021	3.9	38
54	Effect of Topical Prostaglandin F <sub>2</sub> Analogs on Selected Oxidative Stress Parameters in the Tear Film. <i>Medicina (Lithuania)</i> , <b>2019</b> , 55,	3.1	5
53	Combined allergic rhinitis and asthma syndrome (CARAS). <i>International Immunopharmacology</i> , <b>2019</b> , 74, 105718	5.8	17
52	Effect Of Dual sEH/COX-2 Inhibition on Allergen-Induced Airway Inflammation. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 1118	5.6	13
51	ILC2 Activation by Protozoan Commensal Microbes. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	8

50	Sensing of physiological regulators by innate lymphoid cells. <i>Cellular and Molecular Immunology</i> , <b>2019</b> , 16, 442-451	15.4	11
49	Recombinant Human Superoxide Dismutase and -Acetylcysteine Addition to Exogenous Surfactant in the Treatment of Meconium Aspiration Syndrome. <i>Molecules</i> , <b>2019</b> , 24,	4.8	7
48	Mast Cells and Their Progenitors in Allergic Asthma. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 821	8.4	60
47	Role of Airway Smooth Muscle Cells in Asthma Pathology. <b>2019</b> ,		1
46	Systems pharmacology uncovers the mechanisms of anti-asthma herbal medicine intervention (ASHMI) for the prevention of asthma. <i>Journal of Functional Foods</i> , <b>2019</b> , 52, 611-619	5.1	8
45	Cooperativity of E-prostanoid receptor subtypes in regulating signaling and growth inhibition in human airway smooth muscle. <i>FASEB Journal</i> , <b>2019</b> , 33, 4780-4789	0.9	9
44	Intranasal curcumin protects against LPS-induced airway remodeling by modulating toll-like receptor-4 (TLR-4) and matrixmetalloproteinase-9 (MMP-9) expression via affecting MAP kinases in mouse model. <i>Inflammopharmacology</i> , <b>2019</b> , 27, 731-748	5.1	21
43	Prostaglandin D receptor antagonists in allergic disorders: safety, efficacy, and future perspectives. <i>Expert Opinion on Investigational Drugs</i> , <b>2019</b> , 28, 73-84	5.9	35
42	Bioactive lipids and pathological retinal angiogenesis. <i>British Journal of Pharmacology</i> , <b>2019</b> , 176, 93-1098.6		19
41	Injury-Induced Effectors of Neuropathic Pain. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 51-66	6.2	3
40	New treatments for asthma: From the pathogenic role of prostaglandin D to the therapeutic effects of fevipiprant. <i>Pharmacological Research</i> , <b>2020</b> , 155, 104490	10.2	10
39	Breathomics in Asthmatic Children Treated with Inhaled Corticosteroids. <i>Metabolites</i> , <b>2020</b> , 10,	5.6	5
38	Macromolecular biomarkers of chronic obstructive pulmonary disease in exhaled breath condensate. <i>Biomarkers in Medicine</i> , <b>2020</b> , 14, 1047-1063	2.3	4
37	The Biology of Prostaglandins and Their Role as a Target for Allergic Airway Disease Therapy. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	16
36	Eicosanoids: Atherosclerosis and cardiometabolic health. <i>Journal of Clinical and Translational Endocrinology</i> , <b>2020</b> , 19, 100216	2.4	11
35	Lipid mediators and asthma: Scope of therapeutics. <i>Biochemical Pharmacology</i> , <b>2020</b> , 179, 113925	6	8
34	Intravenous ketorolac is associated with reduced mortality and morbidity after open abdominal aortic aneurysm repair. <i>Vascular</i> , <b>2021</b> , 29, 15-26	1.3	1
33	The Role of Thromboxane A2 in Bronchial Asthma. <i>Advances in Clinical Medicine</i> , <b>2021</b> , 11, 512-518	0	

32	Immunopathogenicity of spp. in the Brain and Lungs. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
31	Airways glutathione S-transferase omega-1 and its A140D polymorphism are associated with severity of inflammation and respiratory dysfunction in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , <b>2021</b> , 20, 1053-1061	4.1	2
30	25-Hydroxycholesterol metabolism is altered by lung inflammation, and its local administration modulates lung inflammation in mice. <i>FASEB Journal</i> , <b>2021</b> , 35, e21514	0.9	7
29	Development of an efficient stability-indicating LC-MS/MS method for the analysis of selexipag and characterization of its degradation products. <i>Biomedical Chromatography</i> , <b>2021</b> , 35, e5178	1.7	0
28	Pediococcus Pentosaceus from the Sweet Potato Fermented Ger-Minated Brown Rice Can Inhibit Type I Hypersensitivity in RBL-2H3 Cell and BALB/c Mice Models. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	0
27	Prostaglandin regulation of type 2 inflammation: From basic biology to therapeutic interventions. <i>European Journal of Immunology</i> , <b>2021</b> , 51, 2399-2416	6.1	0
26	Micronutrients, Phytochemicals and Mediterranean Diet: A Potential Protective Role against COVID-19 through Modulation of PAF Actions and Metabolism. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	20
25	PGE2 production at sites of tissue injury promotes an anti-inflammatory neutrophil phenotype and determines the outcome of inflammation resolution in vivo.		2
24	Effect of Protease-Activated Receptor-2-Activating Peptide on Guinea Pig Airway Resistance and Isolated Tracheal Strips. <i>Journal of Microscopy and Ultrastructure</i> , <b>2020</b> , 8, 7-13	0.9	2
23	Inflammation, Its Regulation and Antiphlogistic Effect of the Cyanogenic Glycoside Amygdalin. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
22	Comparative epigenetic analysis of tumour initiating cells and syngeneic EPSC-derived neural stem cells in glioblastoma. <i>Nature Communications</i> , <b>2021</b> , 12, 6130	17.4	4
21	Improvement in spirometry and oxygenation of chronic obstructive pulmonary disease during pregnancy. <i>Lung India</i> , <b>2018</b> , 35, 441-442	1.1	0
20	Effect of CRTH2 antagonism on the response to experimental rhinovirus infection in asthma: a pilot randomised controlled trial. <i>Thorax</i> , <b>2021</b> ,	7.3	1
19	Pharmaconutrition strategy to resolve SARS-CoV-2-induced inflammatory cytokine storm in non-alcoholic fatty liver disease: Omega-3 long-chain polyunsaturated fatty acids. <i>World Journal of Clinical Cases</i> , <b>2021</b> , 9, 9333-9349	1.6	0
18	Lipidmediatoren und ihre Rolle bei Entzündungen und Allergien. <b>2020</b> , 185-245		1
17	Symptoms and oxylipins in plasma before and after exposure to rooms in which individuals have both experienced and not experienced building-related symptoms - an exploratory study. <i>International Journal of Environmental Health Research</i> , <b>2021</b> , 1-11	3.6	0
16	Evaluation of the Efficacy of Omega-3 Fatty Acids Formulations in the Lipopolysaccharide-Induced Acute Lung Inflammation Rat Model.		
15	Gestational exposure to titanium dioxide, diesel exhaust, and concentrated urban air particles affects levels of specialized pro-resolving mediators in response to allergen in asthma-susceptible neonate lungs. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2021</b> , 1-19	3.2	3

14	Inhibitors of Human 5-Lipoxygenase Potently Interfere With Prostaglandin Transport.. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 782584	5.6	1
13	Computational screening for finding new potent cox-2 inhibitors as anticancer agents. <i>Letters in Drug Design and Discovery</i> , <b>2022</b> , 19,	0.8	
12	Effects of non-steroidal anti-inflammatory drugs and other eicosanoid pathway modifiers on antiviral and allergic responses. EAACI task force on eicosanoids consensus report in times of COVID-19.. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2022</b> ,	9.3	0
11	Immune Modulatory Effects of Nonsteroidal Anti-inflammatory Drugs in the Perioperative Period and Their Consequence on Postoperative Outcome.. <i>Anesthesiology</i> , <b>2022</b> ,	4.3	3
10	Emerging Roles of Platelets in Allergic Asthma.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 846055	8.4	1
9	Inhalation of nebulized omega-3 fatty acids mitigate LPS-induced acute lung inflammation in rats: Implications for treatment of COPD and COVID-19.. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2022</b> , 179, 102426	2.8	0
8	Image_1.tif. <b>2019</b> ,		
7	Levosimendan Ameliorates Cardiopulmonary Function but Not Inflammatory Response in a Dual Model of Experimental ARDS. <i>Biomedicines</i> , <b>2022</b> , 10, 1031	4.8	0
6	Secretory phospholipase A2: a biomarker of inflammation in autoimmune, bacterial and viral diseases. <i>Medical Immunology (Russia)</i> , <b>2022</b> , 24, 705-728	0.5	
5	Dyspnea. <b>2022</b> , 309-338		0
4	New biologics in allergy. <b>2022</b> , 1111-1145		0
3	CTNNAL1 enhances glucocorticoid sensitivity in HDM-induced asthma mouse model through deactivating hsp90 signaling pathway. <b>2022</b> , 121304		0
2	Involvement of p38 MAPK/cPLA2 and arachidonic acid metabolic pathway in Shengmai injection-induced pseudo-allergic reactions. <b>2023</b> , 309, 116357		0
1	Cyclooxygenase-2 as a therapeutic target against human breast cancer: A comprehensive review.		0