

Th2 cytokines and asthma “ Interleukin-4: its role in  
targeting it for asthma treatment with interleukin-4 rec

Respiratory Research

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Th2 cytokines and asthma: an introduction. Respiratory Research, 2001, 2, 64.	3.6	174
2	Cytokine modulators as novel therapies for airway disease. European Respiratory Journal, 2001, 18, 67-77.	6.7	60
3	Cytokine modulators for allergic diseases. Current Opinion in Allergy and Clinical Immunology, 2001, 1, 555-560.	2.3	25
4	Cytokine Modulators as Novel Therapies for Asthma. Annual Review of Pharmacology and Toxicology, 2002, 42, 81-98.	9.4	107
5	Vitamin E inhibits IL-4 gene expression in peripheral blood T cells. European Journal of Immunology, 2002, 32, 2401-2408.	2.9	106
6	Varia II. European Surgery - Acta Chirurgica Austriaca, 2002, 34, 31-36.	0.7	0
7	Preclinical efficacy and safety of pascolizumab (SB 240683): a humanized anti-interleukin-4 antibody with therapeutic potential in asthma. Clinical and Experimental Immunology, 2002, 130, 93-100.	2.6	174
8	Cytokine-directed therapies in asthma. Allergology International, 2003, 52, 53-63.	3.3	5
9	Regulation of IL4 gene expression by T cells and therapeutic perspectives. Nature Reviews Immunology, 2003, 3, 534-543.	22.7	143
10	Inhibition of the IL-4/IL-13 receptor system prevents allergic sensitization without affecting established allergy in a mouse model for allergic asthma. Journal of Allergy and Clinical Immunology, 2003, 111, 1361-1369.	2.9	66
11	Active versus passive anti-cytokine antibody therapy against cytokine-associated chronic diseases. Cytokine and Growth Factor Reviews, 2003, 14, 123-137.	7.2	43
12	Cytokine-directed therapies for the treatment of chronic airway diseases. Cytokine and Growth Factor Reviews, 2003, 14, 511-522.	7.2	93
13	Cytokine soluble receptors in perinatal and early neonatal life. Mediators of Inflammation, 2003, 12, 185-188.	3.0	2
14	Genetics and the Dutch Hypothesis. Chronic Respiratory Disease, 2004, 1, 105-113.	2.4	4
15	Clinical and Biochemical Characteristics Differentiating Chronic Fatigue Syndrome from Major Depression and Healthy Control Populations. The Journal of Chronic Fatigue Syndrome: Multidisciplinary Innovations in Research and Clinical Practice, 2004, 12, 5-35.	0.4	8
16	Enhancement of Interleukin-4 Production in Activated CD4+ T Cells by Dipthalate Plasticizers via Increased NF-AT Binding Activity. International Archives of Allergy and Immunology, 2004, 134, 213-222.	2.1	70
17	Cytokine and anti-cytokine therapy for the treatment of asthma and allergic disease. Allergology International, 2004, 53, 47-54.	3.3	5
18	Interleukin-4 increases the permeability of human endothelial cells in culture. Clinical and Experimental Allergy, 2004, 34, 445-449.	2.9	21

#	ARTICLE	IF	CITATIONS
19	Interleukin-4 increases murine airway response to kinins, via up-regulation of bradykinin B1-receptors and altered signalling along mitogen-activated protein kinase pathways. Clinical and Experimental Allergy, 2004, 34, 1291-1298.	2.9	42
20	New drugs for asthma. Nature Reviews Drug Discovery, 2004, 3, 831-844.	46.4	179
21	Exposure to 4-tert-octylphenol, an environmentally persistent alkylphenol, enhances interleukin-4 production in T cells via NF-AT activation. Toxicology and Applied Pharmacology, 2004, 197, 19-28.	2.8	32
22	Anti-cytokine Ab immune therapy: present status and perspectives. Drug Discovery Today, 2004, 9, 72-81.	6.4	50
23	Molecular analysis of sequence variants in the Fce receptor I beta gene and IL-4 gene promoter in Italian atopic families. Allergy: European Journal of Allergy and Clinical Immunology, 2004, 59, 213-218.	5.7	14
24	Cytokine Modulators. Handbook of Experimental Pharmacology, 2004, , 219-243.	1.8	0
25	Current and Emerging Nonsteroidal Anti-Inflammatory Therapies Targeting Specific Mechanisms in Asthma and Allergy. Treatments in Respiratory Medicine, 2004, 3, 235-246.	1.4	20
26	Cytokine and anti-cytokine therapy for the treatment of asthma and allergic disease. Cytokine, 2004, 28, 152-157.	3.2	58
27	Polyclonal antithymocyte globulins reduce the expression of IL-4 in a non-human primate model of ischemia-reperfusion injury. Transplant Immunology, 2004, 13, 9-13.	1.2	3
28	Immunomodulation in asthma: a distant dream or a close reality?. International Immunopharmacology, 2004, 4, 495-511.	3.8	14
29	An RNA external guide sequence ribozyme targeting human interleukin-4 receptor $\beta$ mRNA. International Immunopharmacology, 2004, 4, 1015-1027.	3.8	17
30	The influence of the mode of delivery on circulating cytokine concentrations in the perinatal period. Early Human Development, 2005, 81, 387-392.	1.8	141
31	Pulmonary exposure to diesel exhaust particles induces airway inflammation and cytokine expression in NC/Nga mice. Archives of Toxicology, 2005, 79, 595-599.	4.2	29
32	Gelsolin Secretion in Interleukin-4-treated Bronchial Epithelia and in Asthmatic Airways. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 1090-1096.	5.6	47
33	Interleukin 4 induces the expression of inducible nitric oxide synthase in eosinophils. Cytokine, 2005, 30, 116-124.	3.2	21
34	Cloning and sequence analysis of llama (lama glama). Veterinary Immunology and Immunopathology, 2005, 104, 145-153.	1.2	16
35	Involvement of human natural killer cells in asthma pathogenesis: Natural killer 2 cells in type 2 cytokine predominance. Journal of Allergy and Clinical Immunology, 2005, 115, 841-847.	2.9	71
36	Biologic Therapies for the Treatment of Asthma. Clinics in Chest Medicine, 2006, 27, 133-147.	2.1	17

#	ARTICLE	IF	CITATIONS
37	IL-4 induced MUC4 enhancement in respiratory epithelial cells in vitro is mediated through JAK-3 selective signaling. Respiratory Research, 2006, 7, 39.	3.6	36
38	Obstrucci3n recurrente de las v3as a3reas en el caballo. Archivos De Medicina Veterinaria, 2006, 38, 207.	0.2	3
39	Modification of allergic inflammation in murine model of rhinitis by different bacterial ligands: involvement of mast cells and dendritic cells. Clinical and Experimental Allergy, 2006, 36, 760-769.	2.9	18
40	Ablation of ovomucoid-induced allergic response by desensitization with recombinant ovomucoid third domain in a murine model. Clinical and Experimental Immunology, 2006, 145, 493-501.	2.6	16
41	Agents against cytokine synthesis or receptors. European Journal of Pharmacology, 2006, 533, 289-301.	3.5	40
42	Targeting memory Th2 cells for the treatment of allergic asthma. , 2006, 109, 107-136.		41
44	Polyethylenimine-based antisense oligodeoxynucleotides of IL-4 suppress the production of IL-4 in a murine model of airway inflammation. Journal of Gene Medicine, 2006, 8, 314-323.	2.8	35
45	Poly(ADP-ribose) Polymerase-1 Inhibition Prevents Eosinophil Recruitment by Modulating Th2 Cytokines in a Murine Model of Allergic Airway Inflammation: A Potential Specific Effect on IL-5. Journal of Immunology, 2006, 177, 6489-6496.	0.8	74
46	Cross-Talk between Gs- and Gq-Coupled Pathways in Regulation of Interleukin-4 by A2BAenosine Receptors in Human Mast Cells. Molecular Pharmacology, 2006, 70, 727-735.	2.3	73
48	Cytokine concentrations during the first days of life. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2007, 131, 32-35.	1.1	13
49	IL-4 depletion enhances host resistance and passive IgA protection against tuberculosis infection in BALB/c mice. European Journal of Immunology, 2007, 37, 729-737.	2.9	54
50	Asthma treatment: ?magic bullets which seek their own targets?. Allergy: European Journal of Allergy and Clinical Immunology, 2007, 62, 605-610.	5.7	34
52	Establishment of an In Vitro Test System to Evaluate the Down-Regulatory Activities of Natural Products on IL-4. Archives of Pharmacal Research, 2007, 30, 1102-1110.	6.3	9
53	New drugs targeting Th2 lymphocytes in asthma. Journal of Occupational Medicine and Toxicology, 2008, 3, S6.	2.2	47
54	Responsiveness of Eosinophils to Aeroallergens may be Independent of Atopic Status. Scandinavian Journal of Immunology, 2008, 67, 377-384.	2.7	1
55	Beneficial effect of anti-interleukin-4 antibody when administered in a murine model of tuberculosis infection. Tuberculosis, 2008, 88, 197-202.	1.9	29
56	Perinatal environmental tobacco smoke exposure alters the immune response and airway innervation in infant primates. Journal of Allergy and Clinical Immunology, 2008, 122, 640-647.e1.	2.9	41
57	Ginger prevents Th2-mediated immune responses in a mouse model of airway inflammation. International Immunopharmacology, 2008, 8, 1626-1632.	3.8	85

#	ARTICLE	IF	CITATIONS
58	Interleukin-4 increases cortisol release and decreases adrenal androgen release from bovine adrenal cells. Domestic Animal Endocrinology, 2008, 34, 372-382.	1.6	18
59	The JAK-3 inhibitor CP-690550 is a potent anti-inflammatory agent in a murine model of pulmonary eosinophilia. European Journal of Pharmacology, 2008, 582, 154-161.	3.5	86
60	ELISpot Displays a Better Detection over ELISA of T Helper (Th) 2-Type Cytokine-Production by <i>Ex Vivo</i> -Stimulated Antigen-Specific T Cells from Human Peripheral Blood. Immunological Investigations, 2008, 37, 279-291.	2.0	9
61	Therapeutic Effect of Intratracheal Administration of Murine IL-4 Receptor Antagonist on Asthmatic Airway Inflammation. Journal of Asthma, 2008, 45, 715-721.	1.7	8
62	Reversal of Thymic Stromal Lymphopoietin-Induced Airway Inflammation through Inhibition of Th2 Responses. Journal of Immunology, 2008, 181, 6557-6562.	0.8	69
63	Mitochondrial Structural Changes and Dysfunction Are Associated with Experimental Allergic Asthma. Journal of Immunology, 2008, 181, 3540-3548.	0.8	187
64	IL-4-Induced Selective Clearance of Oligomeric $\beta$ -Amyloid Peptide $\beta$ 42 by Rat Primary Type 2 Microglia. Journal of Immunology, 2008, 181, 6503-6513.	0.8	130
65	Endogenous IL-11 Signaling Is Essential in Th2- and IL-13-Induced Inflammation and Mucus Production. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 739-746.	2.9	56
66	Activation of signal transducer and activator of transcription factor 1 by interleukins-13 and -4 in cultured human bronchial smooth muscle cells. Journal of Smooth Muscle Research, 2009, 45, 279-288.	1.2	6
67	Esculetin Restores Mitochondrial Dysfunction and Reduces Allergic Asthma Features in Experimental Murine Model. Journal of Immunology, 2009, 183, 2059-2067.	0.8	63
68	Black seed oil ameliorates allergic airway inflammation by inhibiting T-cell proliferation in rats. Pulmonary Pharmacology and Therapeutics, 2009, 22, 37-43.	2.6	53
69	Cytokine Antagonists for the Treatment of Asthma. BioDrugs, 2009, 23, 241-251.	4.6	12
70	Cytokine therapy of tuberculosis at the crossroads. Expert Review of Respiratory Medicine, 2009, 3, 53-66.	2.5	18
71	Th2 cells as targets for therapeutic intervention in allergic bronchial asthma. Expert Review of Molecular Diagnostics, 2009, 9, 85-100.	3.1	70
72	Phosphorylation of Signal Transducer and Activator of Transcription 6 (STAT6) and STAT1, but Not STAT3, Induced by Antigen Inhalation in Bronchial Smooth Muscles of Sensitized Mice. Biological and Pharmaceutical Bulletin, 2010, 33, 146-149.	1.4	3
73	Interleukin-4 up-regulates histamine H1 receptors by activation of H1 receptor gene transcription. Naunyn-Schmiedeberg's Archives of Pharmacology, 2010, 381, 305-313.	3.0	18
74	Creation of a long-lifespan ciliated epithelial tissue structure using a 3D collagen scaffold. Biomaterials, 2010, 31, 848-853.	11.4	7
75	Aclidinium bromide abrogates allergen-induced hyperresponsiveness and reduces eosinophilia in murine model of airway inflammation. European Journal of Pharmacology, 2010, 649, 349-353.	3.5	31

#	ARTICLE	IF	CITATIONS
76	IL-4-mediated transcriptional regulation of human CYP2E1 by two independent signaling pathways. <i>Biochemical Pharmacology</i> , 2010, 80, 1592-1600.	4.4	22
77	Pro/Con debate: is occupational asthma induced by isocyanates an immunoglobulin E-mediated disease?. <i>Clinical and Experimental Allergy</i> , 2010, 40, 1155-1162.	2.9	36
78	Averting inflammation by targeting the cytokine environment. <i>Nature Reviews Drug Discovery</i> , 2010, 9, 703-718.	46.4	222
79	Bcl-2 family-regulated apoptosis in health and disease. <i>Cell Health and Cytoskeleton</i> , 2010, , 9.	0.7	13
80	The influence of dexamethasone and the role of some antioxidant vitamins in the pathogenesis of experimental bronchial asthma. <i>Journal of Experimental Pharmacology</i> , 2010, 2, 93.	3.2	9
81	Targeting Th2 Cells in Asthmatic Airways. , 2010, , 103-147.		4
82	Reduced FcÎµRI-Mediated Release of Asthma-Promoting Cytokines and Chemokines from Human Basophils during Omalizumab Therapy. <i>International Archives of Allergy and Immunology</i> , 2010, 151, 275-284.	2.1	59
83	The effects of antisense interleukin-4 gene transferred by recombinant adeno-associated virus vector on the airway remodeling in allergic rats. <i>Journal of Asthma</i> , 2010, 47, 951-958.	1.7	15
84	Pitrakinra for asthma. <i>Expert Opinion on Biological Therapy</i> , 2010, 10, 1609-1615.	3.1	13
85	Interleukin-4 upregulates RhoA protein via an activation of STAT6 in cultured human bronchial smooth muscle cells. <i>Pharmacological Research</i> , 2010, 61, 188-192.	7.1	18
86	Protective effects of allantoin against ovalbumin (OVA)-induced lung inflammation in a murine model of asthma. <i>International Immunopharmacology</i> , 2010, 10, 474-480.	3.8	54
87	Anti-inflammatory evaluation of <i>Coronopus didymus</i> in the pleurisy and paw oedema models in mice. <i>Journal of Ethnopharmacology</i> , 2010, 128, 519-525.	4.1	34
88	Mitochondrial Dysfunction and Oxidative Stress in Asthma: Implications for Mitochondria-Targeted Antioxidant Therapeutics. <i>Pharmaceuticals</i> , 2011, 4, 429-456.	3.8	109
89	Role of the Mac-1 and VLA-4 integrins, and concomitant Th2-cytokine production, in nitric oxide modulated eosinophil migration from bone marrow to lungs in allergic mice. <i>International Immunopharmacology</i> , 2011, 11, 204-211.	3.8	9
90	ASP3258, an orally active potent phosphodiesterase 4 inhibitor with low emetic activity. <i>International Immunopharmacology</i> , 2011, 11, 732-739.	3.8	26
91	PARP-1 deficiency blocks IL-5 expression through calpain-dependent degradation of STAT-6 in a murine asthma model. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 853-861.	5.7	50
92	Inhibitory Effects of Costunolide Isolated from <i>Laurus nobilis</i> on IgE-induced Degranulation of Mast Cells-like RBL-2H3 Cells and the Growth of Y16 pro-B Cells. <i>Phytotherapy Research</i> , 2011, 25, 1392-1397.	5.8	6
93	Antigen exposure causes activations of signal transducer and activator of transcription 6 (STAT6) and STAT1, but not STAT3, in lungs of sensitized mice. <i>Immunopharmacology and Immunotoxicology</i> , 2011, 33, 43-48.	2.4	7

#	ARTICLE	IF	CITATIONS
94	Anti-Inflammatory and Antinociceptive Effects of Salbutamol on Acute and Chronic Models of Inflammation in Rats: Involvement of an Antioxidant Mechanism. <i>Mediators of Inflammation</i> , 2012, 2012, 1-10.	3.0	50
95	Anti-inflammatory effect of <i>Spiranthera odoratissima</i> A. St.-Hil. leaves involves reduction of TNF- $\alpha$ . <i>Natural Product Research</i> , 2012, 26, 2274-2279.	1.8	5
96	Cytokine Levels and Profiles in Children Related to Sickle Cell Disease and Asthma Status. <i>Journal of Interferon and Cytokine Research</i> , 2012, 32, 1-5.	1.2	13
97	CD4 <sup>+</sup> T Cells: Differentiation and Functions. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-12.	3.3	897
98	Endogenous Interleukin-4 Regulates Glutathione Synthesis Following Acetaminophen-Induced Liver Injury in Mice. <i>Chemical Research in Toxicology</i> , 2012, 25, 83-93.	3.3	39
99	Intracerebral microinjection of interleukin-4/interleukin-13 reduces $\beta$ 2-amyloid accumulation in the ipsilateral side and improves cognitive deficits in young amyloid precursor protein 23 mice. <i>Neuroscience</i> , 2012, 207, 243-260.	2.3	97
100	Lung Natural Helper Cells Are a Critical Source of Th2 Cell-Type Cytokines in Protease Allergen-Induced Airway Inflammation. <i>Immunity</i> , 2012, 36, 451-463.	14.3	723
101	The association between IFN- $\gamma$ and IL-4 genetic polymorphisms and childhood susceptibility to bronchial asthma. <i>Gene</i> , 2012, 494, 96-101.	2.2	19
102	The association between the IL-4, ADR $\beta$ 2 and ADAM 33 gene polymorphisms and asthma in the Taiwanese population. <i>Journal of the Chinese Medical Association</i> , 2012, 75, 635-643.	1.4	21
103	Serum levels of interleukin-13 and interferon-gamma from adult patients with asthma in Mysore. <i>Cytokine</i> , 2012, 60, 431-437.	3.2	25
104	Targeting interleukins to treat severe asthma. <i>Expert Review of Respiratory Medicine</i> , 2012, 6, 423-439.	2.5	16
105	Targeting Interleukin-4 in Asthma: Lost in Translation?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 261-270.	2.9	111
106	Neuroimmune semaphorin 4A as a drug and drug target for asthma. <i>International Immunopharmacology</i> , 2013, 17, 568-575.	3.8	20
107	The relationship of plasma aluminum to oxidant and antioxidant and inflammation status in asthma patients. <i>Environmental Toxicology and Pharmacology</i> , 2013, 35, 30-38.	4.0	11
108	Anti-inflammatory and antinociceptive activities of LQFM002: A 4-nerolidylcatechol derivative. <i>Life Sciences</i> , 2013, 92, 237-244.	4.3	25
109	Protective effects of <i>Scrophularia striata</i> in Ovalbumin-induced mice asthma model. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2013, 21, 56.	2.0	18
110	A systematic analysis of a mi-RNA inter-pathway regulatory motif. <i>Journal of Clinical Bioinformatics</i> , 2013, 3, 20.	1.2	11
111	A novel cinnamate derivative attenuates asthma features and reduces bronchial epithelial injury in mouse model. <i>International Immunopharmacology</i> , 2013, 15, 150-159.	3.8	9

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112	Monoclonal antibodies for asthma and chronic obstructive pulmonary disease. Expert Opinion on Biological Therapy, 2013, 13, 257-268.	3.1	6
113	Development of a Human IgG4 Bispecific Antibody for Dual Targeting of Interleukin-4 (IL-4) and Interleukin-13 (IL-13) Cytokines. Journal of Biological Chemistry, 2013, 288, 26583-26593.	3.4	59
114	Minocycline Blocks Asthma-associated Inflammation in Part by Interfering with the T Cell Receptor-Nuclear Factor $\kappa$ B-GATA-3-IL-4 Axis without a Prominent Effect on Poly(ADP-ribose) Polymerase. Journal of Biological Chemistry, 2013, 288, 1458-1468.	3.4	21
115	The Pharmacokinetic Profile of the Combination of Naproxen and Tizanidine in Rat. Drug Development Research, 2013, 74, 31-37.	2.9	7
116	12/15-lipoxygenase expressed in non-epithelial cells causes airway epithelial injury in asthma. Scientific Reports, 2013, 3, 1540.	3.3	63
117	Effects of Interleukin-31 on MUC5AC Gene Expression in Nasal Allergic Inflammation. Pharmacology, 2013, 91, 158-164.	2.2	24
118	Characterisation and In Silico Analysis of Interleukin-4 cDNA of Nilgai ( <i>Boselaphus tragocamelus</i> ) and Indian Buffalo ( <i>Bubalus bubalis</i> ). Scientific World Journal, The, 2013, 2013, 1-7.	2.1	0
119	Dupilumab: a novel treatment for asthma. Journal of Asthma and Allergy, 2014, 7, 123.	3.4	99
120	Investigation of the Antiasthmatic Properties of Ethanol Extract of <i>Callophyllis japonica</i> in Mice. Tropical Journal of Pharmaceutical Research, 2014, 12, 981.	0.3	0
121	The Effect of Serine Protease Inhibitors on Airway Inflammation in a Chronic Allergen-Induced Asthma Mouse Model. Mediators of Inflammation, 2014, 2014, 1-10.	3.0	29
122	Effects of $\alpha$ -linolenic acid (ALA) on the CD4 <sup>+</sup> type 2 helper T cell-mediated immune responses in C57BL/6 mice. Molecular Nutrition and Food Research, 2014, 58, 365-375.	3.3	24
123	Maternal allergy increases susceptibility to offspring allergy in association with TH2-biased epigenetic alterations in a mouse model of peanut allergy. Journal of Allergy and Clinical Immunology, 2014, 134, 1339-1345.e7.	2.9	32
124	Eosinophil Cytokines, Chemokines, and Growth Factors: Emerging Roles in Immunity. Frontiers in Immunology, 2014, 5, 570.	4.8	250
125	Cytokines in Common Variable Immunodeficiency as Signs of Immune Dysregulation and Potential Therapeutic Targets – A Review of the Current Knowledge. Journal of Clinical Immunology, 2014, 34, 524-543.	3.8	59
126	Key mediators in the immunopathogenesis of allergic asthma. International Immunopharmacology, 2014, 23, 316-329.	3.8	77
127	Eosinophils as a pharmacological target for the treatment of allergic diseases. Current Opinion in Pharmacology, 2014, 17, 71-80.	3.5	15
128	In vitro modulation of TH1 and TH2 cytokine expression by edible tuber of <i>Dioscorea alata</i> and study of correlation patterns of the cytokine expression. Food Science and Human Wellness, 2014, 3, 1-8.	4.9	17
129	Caerulomycin A inhibits Th2 cell activity: a possible role in the management of asthma. Scientific Reports, 2015, 5, 15396.	3.3	34



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130	Dynamics of IL-4 and IL-13 expression in the airways of sheep following allergen challenge. BMC Pulmonary Medicine, 2015, 15, 101.	2.0	14
131	Mode of delivery and risk for development of atopic diseases in children. Allergy and Asthma Proceedings, 2015, 36, 344-351.	2.2	16
132	CD8+ T Cells Mediate Female-Dominant IL-4 Production and Airway Inflammation in Allergic Asthma. PLoS ONE, 2015, 10, e0140808.	2.5	13
133	<i>Zingiber officinale</i> ameliorates allergic asthma via suppression of Th2-mediated immune response. Pharmaceutical Biology, 2015, 53, 359-367.	2.9	62
134	Involvement of soluble scavenger receptor A in suppression of T cell activation in patients with chronic hepatitis B. BMC Immunology, 2015, 16, 29.	2.2	8
135	Interleukin-17 and innate immunity in infections and chronic inflammation. Journal of Autoimmunity, 2015, 60, 1-11.	6.5	293
136	Anti-IL-17 Interleukin Therapy in Asthma. Clinical Pharmacology and Therapeutics, 2015, 97, 55-65.	4.7	23
137	B cells responses and cytokine production are regulated by their immune microenvironment. Cytokine, 2015, 74, 318-326.	3.2	277
138	Lipopolysaccharide (LPS) exposure differently affects allergic asthma exacerbations and its amelioration by intranasal curcumin in mice. Cytokine, 2015, 76, 334-342.	3.2	44
139	Oxyresveratrol ameliorates allergic airway inflammation via attenuation of IL-4, IL-5, and IL-13 expression levels. Cytokine, 2015, 76, 375-381.	3.2	42
140	T Cells and Cerebral Ischemic Stroke. Neurochemical Research, 2015, 40, 1786-1791.	3.3	40
141	Batf is important for IL-4 expression in T follicular helper cells. Nature Communications, 2015, 6, 7997.	12.8	114
142	Pediatric Asthma. Immunology and Allergy Clinics of North America, 2015, 35, 129-144.	1.9	4
143	Immunobiology of Critical Pediatric Asthma. Clinical Reviews in Allergy and Immunology, 2015, 48, 84-96.	6.5	8
144	Protective effect of soybean oil- or fish oil-rich diets on allergic airway inflammation. Journal of Inflammation Research, 2016, 9, 79.	3.5	10
145	Immunology of Nasal Polyposis and Allergic Rhinitis. , 2016, , 306-312.		0
146	Allergen-Experienced Group 2 Innate Lymphoid Cells Acquire Memory-like Properties and Enhance Allergic Lung Inflammation. Immunity, 2016, 45, 198-208.	14.3	223
147	Clinical and functional differences between early-onset and late-onset adult asthma: a population-based Tasmanian Longitudinal Health Study. Thorax, 2016, 71, 981-987.	5.6	51

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148	Failure of Itraconazole to Prevent T-Helper Type 2 Cell Immune Deviation: Implications for Chronic Rhinosinusitis. <i>American Journal of Rhinology and Allergy</i> , 2016, 30, 379-384.	2.0	4
149	The Chronic and Short-Term Effects of Gefinitib on Airway Remodeling and Inflammation in a Mouse Model of Asthma. <i>Cellular Physiology and Biochemistry</i> , 2016, 38, 194-206.	1.6	19
150	T helper 2 and T follicular helper cells: Regulation and function of interleukin-4. <i>Cytokine and Growth Factor Reviews</i> , 2016, 30, 29-37.	7.2	44
151	Pistacia integerrima ameliorates airway inflammation by attenuation of TNF- $\alpha$ , IL-4, and IL-5 expression levels, and pulmonary edema by elevation of AQP1 and AQP5 expression levels in mouse model of ovalbumin-induced allergic asthma. <i>Phytomedicine</i> , 2016, 23, 838-845.	5.3	46
152	Cytokines and Chemokines in <i>Mycobacterium tuberculosis</i> Infection. <i>Microbiology Spectrum</i> , 2016, 4, .	3.0	309
153	High-Throughput Discovery of Aptamers for Sandwich Assays. <i>Analytical Chemistry</i> , 2016, 88, 10842-10847.	6.5	14
154	meso-Dihydroguaiaretic acid attenuates airway inflammation and mucus hypersecretion in an ovalbumin-induced murine model of asthma. <i>International Immunopharmacology</i> , 2016, 31, 239-247.	3.8	13
155	A Recombinant DNA Plasmid Encoding the sIL-4R-NAP Fusion Protein Suppress Airway Inflammation in an OVA-Induced Mouse Model of Asthma. <i>Inflammation</i> , 2016, 39, 1434-1440.	3.8	8
156	E3 ubiquitin ligases as novel targets for inflammatory diseases. <i>Pharmacological Research</i> , 2016, 106, 1-9.	7.1	28
157	STAT6 Signaling Attenuates Interleukin-17-Producing $\gamma\delta$ T Cells during Acute <i>Klebsiella pneumoniae</i> Infection. <i>Infection and Immunity</i> , 2016, 84, 1548-1555.	2.2	15
158	Airway Epithelial Expression Quantitative Trait Loci Reveal Genes Underlying Asthma and Other Airway Diseases. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 177-187.	2.9	28
159	The development of allergic inflammation in a murine house dust mite asthma model is suppressed by synbiotic mixtures of non-digestible oligosaccharides and <i>Bifidobacterium breve</i> M-16V. <i>European Journal of Nutrition</i> , 2016, 55, 1141-1151.	3.9	30
160	Atopy: a risk factor of refractory mycoplasma pneumoniae pneumonia?. <i>Clinical Respiratory Journal</i> , 2017, 11, 931-934.	1.6	9
161	The effect of dietary components on inflammatory lung diseases – a literature review. <i>International Journal of Food Sciences and Nutrition</i> , 2017, 68, 771-787.	2.8	19
162	Altered miR-155 Expression in Allergic Asthmatic Airways. <i>Scandinavian Journal of Immunology</i> , 2017, 85, 300-307.	2.7	37
163	Anticytokine therapy of allergic asthma. <i>Molecular Biology</i> , 2017, 51, 1-13.	1.3	8
164	IL-4 Induces IL17Rb Gene Transcription in Monocytic Cells with Coordinate Autocrine IL-25 Signaling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 346-354.	2.9	7
165	Cationic CaMKII Inhibiting Nanoparticles Prevent Allergic Asthma. <i>Molecular Pharmaceutics</i> , 2017, 14, 2166-2175.	4.6	22

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166	The Role of Interleukins 4 and/or 13 in the Pathophysiology and Treatment of Atopic Dermatitis. <i>Dermatologic Clinics</i> , 2017, 35, 327-334.	1.7	50
167	Isoimperatorin attenuates airway inflammation and mucus hypersecretion in an ovalbumin-induced murine model of asthma. <i>International Immunopharmacology</i> , 2017, 49, 67-76.	3.8	29
169	Dupilumab for the treatment of asthma. <i>Expert Opinion on Biological Therapy</i> , 2017, 17, 1565-1572.	3.1	33
170	Nociceptin reduces the inflammatory immune microenvironment in a conventional murine model of airway hyperresponsiveness. <i>Clinical and Experimental Allergy</i> , 2017, 47, 208-216.	2.9	10
171	Asthma and rhinitis have different genetic profiles for IL13, IL17A and GSTP1 polymorphisms. <i>Revista Portuguesa De Pneumologia</i> , 2017, 23, 10-16.	0.7	11
172	Mechanisms underlying the pathogenesis of hyper-contractility of bronchial smooth muscle in allergic asthma. <i>Journal of Smooth Muscle Research</i> , 2017, 53, 37-47.	1.2	44
173	Cytokines and Chemokines in <i>Mycobacterium tuberculosis</i> Infection. , 2017, , 33-72.		10
174	Dupilumab in the management of moderate-to-severe asthma: the data so far. <i>Therapeutics and Clinical Risk Management</i> , 2017, Volume 13, 1139-1149.	2.0	38
175	The Protective Effects of Astaxanthin on the OVA-Induced Asthma Mice Model. <i>Molecules</i> , 2017, 22, 2019.	3.8	33
176	Poly(ADP-Ribose) Polymerase-1 in Lung Inflammatory Disorders: A Review. <i>Frontiers in Immunology</i> , 2017, 8, 1172.	4.8	42
177	Cocoa Diet and Antibody Immune Response in Preclinical Studies. <i>Frontiers in Nutrition</i> , 2017, 4, 28.	3.7	16
178	NLRP3 regulates macrophage M2 polarization through up-regulation of IL-4 in asthma. <i>Biochemical Journal</i> , 2018, 475, 1995-2008.	3.7	63
179	Acellular filtrate of a microbial-based cleaning product potentiates house dust mite allergic lung inflammation. <i>Food and Chemical Toxicology</i> , 2018, 116, 32-41.	3.6	3
180	Identification of duck IL-4 and its inhibitory effect on IL-17A expression in <i>R. anatipestifer</i> -stimulated splenic lymphocytes. <i>Molecular Immunology</i> , 2018, 95, 20-29.	2.2	11
181	Modulation of the IL-23/IL-17 axis by fenofibrate ameliorates the ovalbumin/lipopolysaccharide-induced airway inflammation and bronchial asthma in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018, 391, 309-321.	3.0	19
182	IL4 (interleukin 4) induces autophagy in B cells leading to exacerbated asthma. <i>Autophagy</i> , 2018, 14, 450-464.	9.1	63
183	Therapeutic antibodies: A new era in the treatment of respiratory diseases?. , 2018, 189, 149-172.		32
184	The genes involved in asthma with the treatment of human embryonic stem cell-derived mesenchymal stem cells. <i>Molecular Immunology</i> , 2018, 95, 47-55.	2.2	15

#	ARTICLE	IF	CITATIONS
185	B7-DC (PD-L2) costimulation of CD4+ T-helper 1 response via RGMb. <i>Cellular and Molecular Immunology</i> , 2018, 15, 888-897.	10.5	32
186	The interplay between neuroendocrine activity and psychological stress-induced exacerbation of allergic asthma. <i>Allergology International</i> , 2018, 67, 32-42.	3.3	40
187	Posttranscriptional control of airway inflammation. <i>Wiley Interdisciplinary Reviews RNA</i> , 2018, 9, e1455.	6.4	10
188	Interleukin-4 (IL4) -590C/T (rs2243250) gene polymorphism is not associated with diabetic nephropathy (DN) in Caucasians with type 2 diabetes mellitus (T2DM). <i>Bosnian Journal of Basic Medical Sciences</i> , 2018, 18, 347-351.	1.0	13
189	The Protective Effects of 2,3,5,4-Tetrahydroxystilbene-2-O- $\beta$ -D-Glucoside in the OVA-Induced Asthma Mice Model. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4013.	4.1	10
190	Immunoreactive properties of $\beta$ -casein and $\alpha$ -casein: Ex vivo and in vivo studies. <i>Journal of Dairy Science</i> , 2018, 101, 10703-10713.	3.4	9
191	Transcriptional Programs Underlying Cd4 T Cell Differentiation and Functions. <i>International Review of Cell and Molecular Biology</i> , 2018, 341, 1-61.	3.2	12
192	Management of Severe Asthma in Adults. , 2018, , 19-32.		0
193	Emerging Roles of Vascular Cell Adhesion Molecule-1 (VCAM-1) in Immunological Disorders and Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1057.	4.1	408
194	Anti-inflammatory and anti-arthritic effects of methanol extract of the stem bark of <i>Boswellia dalzielii</i> Hutch (Burseraceae) in rats. <i>Inflammopharmacology</i> , 2018, 26, 1383-1398.	3.9	17
195	Altered monocyte response to the dengue virus in those with varying severity of past dengue infection. <i>Antiviral Research</i> , 2019, 169, 104554.	4.1	9
196	The Multitasking <i>Fasciola gigantica</i> Cathepsin B Interferes With Various Functions of Goat Peripheral Blood Mononuclear Cells in vitro. <i>Frontiers in Immunology</i> , 2019, 10, 1707.	4.8	14
197	Lamiaceae: An Insight on Their Anti-Allergic Potential and Its Mechanisms of Action. <i>Frontiers in Pharmacology</i> , 2019, 10, 677.	3.5	21
198	Aberrant MicroRNAomics in Pulmonary Complications: Implications in Lung Health and Diseases. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 18, 413-431.	5.1	27
199	Acetylation and Methylation in Asthma, COPD, and Lung Cancer. <i>Topics in Medicinal Chemistry</i> , 2019, , 429-453.	0.8	0
200	Transcription factor Fra-2 and its emerging role in matrix deposition, proliferation and inflammation in chronic lung diseases. <i>Cellular Signalling</i> , 2019, 64, 109408.	3.6	44
201	Targeting HDAC Complexes in Asthma and COPD. <i>Epigenomes</i> , 2019, 3, 19.	1.8	32
202	Inhibitions of HMGB1 and TLR4 alleviate DNP-induced asthma in mice. <i>Toxicology Research</i> , 2019, 8, 621-629.	2.1	22

#	ARTICLE	IF	CITATIONS
203	Environmental Cadmium Enhances Lung Injury by Respiratory Syncytial Virus Infection. American Journal of Pathology, 2019, 189, 1513-1525.	3.8	23
204	Zinc and iron complexes of oleanolic acid, (OA) attenuate allergic airway inflammation in rats. Inflammopharmacology, 2019, 27, 1179-1192.	3.9	15
205	Intranasal administration of Lignosus;1/2rhinocerotis (Cooke) Ryvarden (Tiger Milk mushroom) extract attenuates airway inflammation in murine model of allergic asthma. Experimental and Therapeutic Medicine, 2019, 17, 3867-3876.	1.8	8
206	Amelioration of allergic asthma by Ziziphora clinopodioides via upregulation of aquaporins and downregulation of IL4 and IL5. Respiratory Physiology and Neurobiology, 2019, 266, 39-46.	1.6	27
207	Dual mechanism of action of T2 inhibitor therapies in virally induced exacerbations of asthma: evidence for a beneficial counter-regulation. European Respiratory Journal, 2019, 54, 1802390.	6.7	12
208	Relationship between various cytokines implicated in asthma. Human Immunology, 2019, 80, 755-763.	2.4	24
209	The investigation of immunomodulatory effects of adipose tissue mesenchymal stem cell educated macrophages on the CD4 T cells. Immunobiology, 2019, 224, 585-594.	1.9	23
210	Experimental protocol for development of adjuvant-free murine chronic model of allergic asthma. Journal of Immunological Methods, 2019, 468, 10-19.	1.4	6
211	Pleiotropic Effects of IL-33 on CD4+ T Cell Differentiation and Effector Functions. Frontiers in Immunology, 2019, 10, 522.	4.8	57
212	Ovalbumin induces natural killer cells to secrete Th2 cytokines IL-5 and IL-13 in a mouse model of asthma. Molecular Medicine Reports, 2019, 19, 3210-3216.	2.4	4
213	Role and mechanisms of cytokines in the secondary brain injury after intracerebral hemorrhage. Progress in Neurobiology, 2019, 178, 101610.	5.7	185
214	Immune response and oxidative stress in workers of a copper concentration factory. International Journal of Workplace Health Management, 2019, 12, 258-266.	1.9	1
215	Implications of immune-inflammatory responses in smooth muscle dysfunction and disease. Journal of Smooth Muscle Research, 2019, 55, 81-107.	1.2	1
216	Antibody blockade of Dectin-2 suppresses house dust mite-induced Th2 cytokine production in dendritic cell- and monocyte-depleted peripheral blood mononuclear cell co-cultures from asthma patients. Journal of Biomedical Science, 2019, 26, 97.	7.0	8
217	Neutrophil activation in occupational asthma. Current Opinion in Allergy and Clinical Immunology, 2019, 19, 81-85.	2.3	8
218	Treatment of established TH2 cells with 4Î¼8c, an inhibitor of IRE1Î±, blocks IL-5 but not IL-4 secretion. BMC Immunology, 2019, 20, 3.	2.2	9
219	Component analysis and antiasthmatic effects of Huashanshen dripping pill. Medicinal Chemistry Research, 2020, 29, 75-82.	2.4	1
220	Optimal silkworm larva host for high-level production of Mus musculus IL-4 using a baculovirus expression vector system. Journal of Asia-Pacific Entomology, 2020, 23, 268-273.	0.9	3

#	ARTICLE	IF	CITATIONS
221	BAFF gene silencing attenuates allergic airway inflammation by promoting the generation of Tregs via activating pro-Treg cytokines. Life Sciences, 2020, 241, 117172.	4.3	6
222	The Ups and Downs of Metabolism during the Lifespan of a T Cell. International Journal of Molecular Sciences, 2020, 21, 7972.	4.1	21
223	The establishment of humanized IL-4/IL-4RA mouse model by gene editing and efficacy evaluation. Immunobiology, 2020, 225, 151998.	1.9	3
224	A critical regulation of Th2 cell responses by ROR $\gamma$ in allergic asthma. Science China Life Sciences, 2021, 64, 1326-1335.	4.9	8
225	Treatment of Allergic Asthma with Fenretinide Formulation (LAU-7b) Downregulates ORMDL Sphingolipid Biosynthesis Regulator 3 ( <i>Ormdl3</i> ) Expression and Normalizes Ceramide Imbalance. Journal of Pharmacology and Experimental Therapeutics, 2020, 373, 476-487.	2.5	5
226	Association of Interleukin-4 Polymorphisms With Breast Cancer in Taiwan. In Vivo, 2020, 34, 1111-1116.	1.3	5
227	Monoclonal Antibody Therapy in Childhood Asthma. Current Allergy and Asthma Reports, 2020, 20, 26.	5.3	3
228	Innate Type 2 Responses to Respiratory Syncytial Virus Infection. Viruses, 2020, 12, 521.	3.3	31
229	HDAC8 inhibitor attenuates airway responses to antigen stimulus through synchronously suppressing galectin-3 expression and reducing macrophage-2 polarization. Respiratory Research, 2020, 21, 62.	3.6	17
230	Phenotyping severe asthma: a rationale for biologic therapy. Expert Review of Precision Medicine and Drug Development, 2020, 5, 265-274.	0.7	6
231	Anti-alarmins in asthma: targeting the airway epithelium with next-generation biologics. European Respiratory Journal, 2020, 56, 2000260.	6.7	92
232	Neuraxial Cytokines in Pain States. Frontiers in Immunology, 2019, 10, 3061.	4.8	88
233	IL-3 Receptor Expression on Activated Human Th Cells Is Regulated by IL-4, and IL-3 Synergizes with IL-4 to Enhance Th2 Cell Differentiation. Journal of Immunology, 2020, 204, 819-831.	0.8	19
234	The Promising Effects of Astaxanthin on Lung Diseases. Advances in Nutrition, 2021, 12, 850-864.	6.4	19
235	Functionalized multifunctional nanovaccine for targeting dendritic cells and modulation of immune response. International Journal of Pharmaceutics, 2021, 593, 120123.	5.2	18
236	Exposure to O <sub>3</sub> during pregnancy and offspring asthma induced by OVA: Sensitive window identification. Environmental Pollution, 2021, 270, 116297.	7.5	4
237	Maternal high-fat diet activates hepatic interleukin-4 in rat male offspring accompanied by increased eosinophil infiltration. American Journal of Physiology - Renal Physiology, 2021, 320, G81-G92.	3.4	3
238	The Effect of Passive Exposure to Tobacco Smoke on the Immune Response in Children with Asthma. Substance Use and Misuse, 2021, 56, 424-430.	1.4	1

#	ARTICLE	IF	CITATIONS
239	Green synthesis of silver nanoparticles from <i>Eriobotrya japonica</i> extract: a promising approach against cancer cells proliferation, inflammation, allergic disorders and phagocytosis induction. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2021, 49, 48-60.	2.8	72
240	Possible therapeutic effects of <i>Nigella sativa</i> and its thymoquinone on COVID-19. <i>Pharmaceutical Biology</i> , 2021, 59, 694-701.	2.9	46
241	Integration of IL-2 and IL-4 signals coordinates divergent regulatory T cell responses and drives therapeutic efficacy. <i>ELife</i> , 2021, 10, .	6.0	25
242	Group 2 innate lymphoid cells (ILC2s): The spotlight in asthma pathogenesis and lung tissue injury. <i>Allergologia Et Immunopathologia</i> , 2021, 49, 208-216.	1.7	5
243	High VCAM-1 Predicts Poor Prognosis and is Associated with Chemotherapy Resistance in Nasopharyngeal Carcinoma. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 1633-1641.	2.0	1
244	Dupilumab: new opportunities for the treatment of asthma and chronic rhinosinusitis with nasal polyps. <i>Russian Journal of Allergy</i> , 2021, 18, 18-31.	0.2	2
245	Asthmatic condition induced the activity of exosome secretory pathway in rat pulmonary tissues. <i>Journal of Inflammation</i> , 2021, 18, 14.	3.4	22
246	Interleukin-4 Receptor Inhibition Targeting Metastasis Independent of Macrophages. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 906-914.	4.1	1
247	Sustained IL-4 priming of macrophages enhances the inflammatory response to TLR7/8 ligand R848. <i>Journal of Leukocyte Biology</i> , 2022, 111, 401-413.	3.3	4
248	Lactic Acid Bacteria and Natural Product Complex Ameliorates Ovalbumin-Induced Airway Hyperresponsiveness in Mice. <i>Journal of Medicinal Food</i> , 2021, 24, 517-526.	1.5	2
249	Allergic Asthma-Induced Cognitive Impairment is Alleviated by Dexamethasone. <i>Frontiers in Pharmacology</i> , 2021, 12, 680815.	3.5	18
250	T cell transgressions: Tales of T cell form and function in diverse disease states. <i>International Reviews of Immunology</i> , 2021, , 1-42.	3.3	3
251	Multiple Cytokines Elevated in Patients with Keloids: Is It an Indication of Auto-Inflammatory Disease?. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 2465-2470.	3.5	8
252	Gentiopicroside ameliorates ovalbumin-induced airway inflammation in a mouse model of allergic asthma via regulating SIRT1/NF- $\kappa$ B signaling pathway. <i>Pulmonary Pharmacology and Therapeutics</i> , 2021, 68, 102034.	2.6	14
253	Cross-Linking Cellular Prion Protein Induces Neuronal Type 2-Like Hypersensitivity. <i>Frontiers in Immunology</i> , 2021, 12, 639008.	4.8	3
254	Anti-asthma and antitussive effects of a fermented extract of a mixture of <i>Ramulus mori</i> , <i>Anthriscus sylvestris</i> , and <i>Salvia plebeian</i> . <i>Food Science and Biotechnology</i> , 2021, 30, 1257-1268.	2.6	3
255	Innate lymphoid cell dysfunction during long-term suppressive antiretroviral therapy in an African cohort. <i>BMC Immunology</i> , 2021, 22, 59.	2.2	8
256	A qualitative and quantitative comparison of <i>Crocus sativus</i> and <i>Nigella sativa</i> immunomodulatory effects. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111774.	5.6	13



#	ARTICLE	IF	CITATION
257	A Comparison of Growth Factors and Cytokines in Fresh Frozen Plasma and Never Frozen Plasma. Journal of Surgical Research, 2021, 264, 51-57.	1.6	3
258	Inflammatory and immunological profile in COPD secondary to organic dust exposure. Clinical Immunology, 2021, 229, 108798.	3.2	3
259	Ding Chuan Tang Attenuates Airway Inflammation and Eosinophil Infiltration in Ovalbumin-Sensitized Asthmatic Mice. BioMed Research International, 2021, 2021, 1-10.	1.9	1
260	Serum inflammatory profiles in cystic fibrosis mice with and without Bordetella pseudohinzii infection. Scientific Reports, 2021, 11, 17535.	3.3	8
261	Immuno-modulatory and anti-inflammatory effects of Thymus vulgaris, Zataria multiflora, and Portulaca oleracea and their constituents. Pharmacological Research Modern Chinese Medicine, 2021, 1, 100010.	1.2	7
262	Tezepelumab as an Emerging Therapeutic Option for the Treatment of Severe Asthma: Evidence to Date. Drug Design, Development and Therapy, 2021, Volume 15, 331-338.	4.3	17
263	Anti-IL-4/IL-13 Biologics. , 2017, , 67-81.		1
264	Asthma: Clinical Aspects and Mucosal Immunology. , 2005, , 1415-1432.		2
266	Interleukin-4 stimulates lipogenesis in meibocytes by activating the STAT6/PPAR $\gamma$ signaling pathway. Ocular Surface, 2020, 18, 575-582.	4.4	21
267	Mitochondrial CaMKII inhibition in airway epithelium protects against allergic asthma. JCI Insight, 2017, 2, e88297.	5.0	42
268	Induction of RhoA gene expression by interleukin-4 in cultured human bronchial smooth muscle cells. Journal of Smooth Muscle Research, 2010, 46, 217-224.	1.2	6
269	Piperlongumine reduces ovalbumin-induced asthma and airway inflammation by regulating nuclear factor- $\kappa$ B activation. International Journal of Molecular Medicine, 2019, 44, 1855-1865.	4.0	17
270	Obesity and childhood asthma in male schoolchildren in Saudi Arabia: Is there a role for leptin, interleukin-4, interleukin-5, and interleukin-21?. Annals of Saudi Medicine, 2019, 39, 295-301.	1.1	14
271	Perfluoroalkyl substances exposure and immunity, allergic response, infection, and asthma in children: review of epidemiologic studies. Heliyon, 2021, 7, e08160.	3.2	42
272	Future Therapies for Asthma. Lung Biology in Health and Disease, 2002, , 353-382.	0.1	0
273	Emerging Nonsteroidal Anti-Inflammatory Therapies Targeting Specific Mechanisms in Asthma and Allergy. , 2009, , 465-482.		0
274	Đž ÑŒĐ½Đ»Đ, Ń†Đ,Ń,Đ¾ĐºĐ½Đ¼Đ² Đ¿ÑŒĐ, Đ±ÑŒĐ¾Đ½Đ½...Đ,Đ°Đ»ÑŒĐ½Đ¾Đ¹ Đ°ÑŒ,Đ½Đµ. Pulmonology, 2009, 3 96-102		
275	An Experimental Study to Evaluate the Anti-inflammatory and Immunomodulatory Effects of UNIM-352, a Polyherbal Preparation for Bronchial asthma. Medicinal Plant Research, 0, , .	0.0	0



#	ARTICLE	IF	CITATIONS
276	Enhanced proliferation and defective activation-induced cell death of CD4+ T cells in childhood asthma. <i>Asian Pacific Journal of Allergy and Immunology</i> , 2013, 32, 75-83.	0.4	6
277	Effects of Ephedra sinica (ES) Extract on the Ovalbumin-Induced Allergic Asthma in Mice. <i>The Journal of Korean Medicine Ophthalmology and Otolaryngology and Dermatology</i> , 2014, 27, 84-95.	0.0	1
278	Pediatric Asthma: Anksiyete, Depresyon, Somatizasyon ve Yaşam Kalitesi ile Serum IgE Düzeyi İlişkisi. <i>Current Approaches in Psychiatry</i> , 0, 11, 276-292.	0.4	1
279	Paeoniflorin ameliorates airway inflammation and immune response in ovalbumin induced asthmatic mice: From oxidative stress to autophagy. <i>Phytomedicine</i> , 2022, 96, 153835.	5.3	13
280	Herbal immunomodulators. , 2022, , 551-572.		1
282	The -590C/TIL4 single-nucleotide polymorphism as a genetic factor of atopic allergy. <i>International Journal of Molecular Epidemiology and Genetics</i> , 2010, 1, 67-73.	0.4	21
283	Clinical and Immunological Efficacy of Aspirin Desensitization in Nasal Polyp Patients with Aspirin-Exacerbated Respiratory Disease. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 1639-1647.	0.5	21
284	Moderate Aerobic Exercise Enhances the Th1/Th2 Ratio in Women with Asthma. <i>Tanaffos</i> , 2019, 18, 230-237.	0.5	1
285	T helper type (Th1/Th2) responses to SARS-CoV-2 and influenza A (H1N1) virus: From cytokines produced to immune responses. <i>Transplant Immunology</i> , 2022, 70, 101495.	1.2	58
286	E-cigarette, or vaping, product use Associated Lung Injury (EVALI): new scenarios for physicians and radiologists. <i>Monaldi Archives for Chest Disease</i> , 2021, , .	0.6	1
287	Evaluation of cytokine gene expression in psoriasis. <i>Postepy Dermatologii i Alergologii</i> , 2021, 38, 858-863.	0.9	4
288	The mixture of siRNAs targeted to IL-4 and IL-13 genes effectively reduces the airway hyperreactivity and allergic inflammation in a mouse model of asthma. <i>International Immunopharmacology</i> , 2022, 103, 108432.	3.8	6
289	Effects of Local Nasal Immunotherapy with FIP-five Peptide and Denatured Tyrophagus putrescentiae for Storage Mite-Induced Airway Inflammation. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2022, 70, 6.	2.3	4
290	A rational approach to compare and select biologic therapeutics in asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2022, 128, 379-389.	1.0	6
291	Influence of Consumption of Two Peruvian Cocoa Populations on Mucosal and Systemic Immune Response in an Allergic Asthma Rat Model. <i>Nutrients</i> , 2022, 14, 410.	4.1	1
292	Interleukins 4 and 13 in Asthma: Key Pathophysiologic Cytokines and Druggable Molecular Targets. <i>Frontiers in Pharmacology</i> , 2022, 13, 851940.	3.5	41
293	Role of interleukin-4 and their antagonistic effect in asthma. <i>Geriatric Care</i> , 2022, 8, .	0.2	0
294	Leukocytes in Critical Patients With Asthma Exacerbation. <i>Cureus</i> , 2021, 13, e20520.	0.5	0

#	ARTICLE	IF	CITATIONS
295	Prenatal and Postnatal Cigarette Smoke Exposure Is Associated With Increased Risk of Exacerbated Allergic Airway Immune Responses: A Preclinical Mouse Model. <i>Frontiers in Immunology</i> , 2021, 12, 797376.	4.8	4
296	Rapid and sustained effect of dupilumab on clinical and mechanistic outcomes in aspirin-exacerbated respiratory disease. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 415-424.	2.9	28
299	Allergen specific immunotherapy with plasmid DNA encoding OVA-immunodominant T cell epitope fused to Tregitope in a murine model of allergy. <i>Cellular Immunology</i> , 2022, 376, 104534.	3.0	1
300	Immunoinformatics Approach Toward the Introduction of a Novel Multi-Epitope Vaccine Against <i>Clostridium difficile</i> . <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	7
301	Alarmins and innate lymphoid cells 2 activation: A common pathogenetic link connecting respiratory syncytial virus bronchiolitis and later wheezing/asthma?. <i>Pediatric Allergy and Immunology</i> , 2022, 33, .	2.6	10
304	Role of Cytokines as Immunomodulators. , 2022, , 371-414.		2
305	Biological Therapy of Severe Asthma with Dupilumab, a Dual Receptor Antagonist of Interleukins 4 and 13. <i>Vaccines</i> , 2022, 10, 974.	4.4	7
306	Treating allergies via skin – Recent advances in cutaneous allergen immunotherapy. <i>Advanced Drug Delivery Reviews</i> , 2022, 190, 114458.	13.7	5
307	Potent CCR3 Receptor Antagonist, SB328437, Suppresses Colonic Eosinophil Chemotaxis and Inflammation in the Winnie Murine Model of Spontaneous Chronic Colitis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7780.	4.1	7
308	Flow Cytometric Detection of Intracellular Th1/Th2 Cytokines Using Whole Blood: Validation of Immunologic Biomarker for Use in Epidemiologic Studies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2004, 13, 1452-1458.	2.5	35
309	An Immunoinformatic Study on Exploration of Membrane Proteins to Develop Epitope Based Vaccine Against <i>Streptococcus pneumoniae</i> . <i>International Journal of Peptide Research and Therapeutics</i> , 2022, 28, .	1.9	0
310	Sanzi Yangqin Decoction Alleviates Allergic Asthma by Modulating Th1/Th2 Balance: Coupling Network Pharmacology with Biochemical Pharmacology. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-13.	1.2	1
311	Therapeutic Efficacy of <i>Weissella cibaria</i> CMU and CMS1 on Allergic Inflammation Exacerbated by Diesel Exhaust Particulate Matter in a Murine Asthma Model. <i>Medicina (Lithuania)</i> , 2022, 58, 1310.	2.0	4
312	Dupilumab efficacy and safety in patients with moderate to severe asthma: A systematic review and meta-analysis. <i>Frontiers in Pharmacology</i> , 0, 13, .	3.5	4
313	The Genetic Factors of the Airway Epithelium Associated with the Pathology of Asthma. <i>Genes</i> , 2022, 13, 1870.	2.4	12
314	Lung mitochondrial DNA copy number, inflammatory biomarkers, gene transcription and gene methylation in vapers and smokers. <i>EBioMedicine</i> , 2022, 85, 104301.	6.1	9
315	Leukocyte metabolism in obese type 2 diabetic individuals associated with COVID-19 severity. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	1
317	Bronchiectasis in severe asthma is associated with eosinophilic airway inflammation and activation. , 2022, , .		2

#	ARTICLE	IF	CITATIONS
318	The Role of Staphylococcus aureus and Its Toxins in the Pathogenesis of Allergic Asthma. International Journal of Molecular Sciences, 2023, 24, 654.	4.1	3
319	Effects of Oleuropein and Hydroxytyrosol on Inflammatory Mediators: Consequences on Inflammaging. International Journal of Molecular Sciences, 2023, 24, 380.	4.1	11
320	Triple-tyrosine kinase inhibition by BIBF1000 attenuates airway and pulmonary arterial remodeling following chronic allergen challenges in mice. European Journal of Medical Research, 2023, 28, .	2.2	0
321	Airway smooth muscle in contractility and remodeling of asthma: potential drug target mechanisms. Expert Opinion on Therapeutic Targets, 2023, 27, 19-29.	3.4	5
322	Targeting interleukin-4 and interleukin-13 in the treatment of severe eosinophilic asthma. Archives of Pulmonology and Respiratory Care, 2023, 9, 001-011.	0.1	0
323	The role of interleukin-6 and janus kinases in the pathogenesis, and treatment of SARS-CoV-2. Journal of Lung, Pulmonary & Respiratory Research, 2022, 9, 17-32.	0.3	1
324	Ginsenoside Rh1 ameliorates the asthma and allergic inflammation via inhibiting Akt, MAPK, and NF- $\kappa$ B signaling pathways in vitro and in vivo. Life Sciences, 2023, 321, 121607.	4.3	6
325	A four-part guide to lung immunology: Invasion, inflammation, immunity, and intervention. Frontiers in Immunology, 0, 14, .	4.8	5
326	Gene variants and mRNA expression analysis of SOCS3 and its association with serum IL-4 levels in atopic diseases. Immunobiology, 2023, 228, 152387.	1.9	0
327	Eosinophilic granulomatosis with polyangiitis “Advances in pathogenesis, diagnosis, and treatment. Frontiers in Medicine, 0, 10, .	2.6	10
328	Engineering the IL-4/IL-13 axis for targeted immune modulation. Immunological Reviews, 2023, 320, 29-57.	6.0	9
329	Effects of Allergen Exposure and Environmental Risk Factors in Schools on Childhood Asthma. Current Allergy and Asthma Reports, 0, , .	5.3	0
330	Camellia sinensis (L.) Kuntze Extract Attenuates Ovalbumin-Induced Allergic Asthma by Regulating Airway Inflammation and Mucus Hypersecretion. Pharmaceutics, 2023, 15, 2355.	4.5	1
331	The Association between Vitamin D, Interleukin-4, and Interleukin-10 Levels and CD23+ Expression with Bronchial Asthma in Stunted Children. Biomedicines, 2023, 11, 2542.	3.2	3
332	Serum CDC42 reflects the exacerbation risk and severity, Th1/2 cell imbalance and inflammation in asthmatic children. Biomarkers in Medicine, 2023, 17, 407-415.	1.4	1
333	Identification of novel clusters of co-expressing cytokines in a diagnostic cytokine multiplex test. Frontiers in Immunology, 0, 14, .	4.8	0
334	Network-based analysis between SARS-CoV-2 receptor ACE2 and common host factors in COVID-19 and asthma: Potential mechanistic insights. Biomedical Signal Processing and Control, 2024, 87, 105502.	5.7	2
335	Discovery of a novel BLT2 antagonist for the treatment of inflammatory airway diseases. European Journal of Medicinal Chemistry, 2023, 261, 115864.	5.5	0

#	ARTICLE	IF	CITATIONS
336	Discovery of Fungus-Derived Nornidulin as a Novel TMEM16A Inhibitor: A Potential Therapy to Inhibit Mucus Secretion in Asthma. Journal of Experimental Pharmacology, 0, Volume 15, 449-466.	3.2	0
337	Interleukin-4 (C590T) Gene Polymorphism in Association with Asthma Severity. Journal of Asthma and Allergy, 0, Volume 16, 1269-1278.	3.4	0
338	Synthesis, anti-inflammatory and study of histological changes in the mice liver of 1,3-oxazole and 3,3-dihydro pyrazole derivatives. AIP Conference Proceedings, 2023, , .	0.4	0
339	Cytokine storm in COVID-19 and other diseases: emerging therapeutic interventions. , 2024, , 209-241.		0
340	Effects of biological therapies on patients with Type-2 high asthma and comorbid obesity. Frontiers in Pharmacology, 0, 14, .	3.5	0
341	DA-9601, Artemisia Asiatica Herbal Extract, Ameliorates Airway Inflammation of Allergic Asthma in Mice. Molecules and Cells, 2006, 22, 104-112.	2.6	3
343	Modulation by <i>Withania somnifera</i> of stress-induced angiogenesis and airway inflammation in rats. Journal of Complementary and Integrative Medicine, 2024, .	0.9	0
344	Cerebrospinal fluid cytokine profile in autoimmune encephalitis related to covid-19 vaccination. International Physical Medicine & Rehabilitation Journal, 2023, 8, 223-227.	0.1	0
345	When sequential use of mepolizumab and dupilumab in a severe atopic eosinophilic asthmatic questions the role of eosinophils in mediating the clinical expression of the disease: a case report. Journal of Medical Case Reports, 2024, 18, .	0.8	0
346	Fucosterol isolated from Sargassum horneri attenuates allergic responses in immunoglobulin E/bovine serum albumin-stimulated mast cells and passive cutaneous anaphylaxis in mice. International Immunopharmacology, 2024, 131, 111851.	3.8	0