

Kazuhiro Ito

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

97
papers

8,823
citations

45
h-index

93
g-index

112
ext. papers

9,730
ext. citations

6.3
avg, IF

5.87
L-index

#	Paper	IF	Citations
97	Decreased histone deacetylase activity in chronic obstructive pulmonary disease. <i>New England Journal of Medicine</i> , 2005 , 352, 1967-76	59.2	769
96	Glucocorticoid receptor recruitment of histone deacetylase 2 inhibits interleukin-1beta-induced histone H4 acetylation on lysines 8 and 12. <i>Molecular and Cellular Biology</i> , 2000 , 20, 6891-903	4.8	614
95	Histone deacetylase 2-mediated deacetylation of the glucocorticoid receptor enables NF-kappaB suppression. <i>Journal of Experimental Medicine</i> , 2006 , 203, 7-13	16.6	506
94	COPD as a disease of accelerated lung aging. <i>Chest</i> , 2009 , 135, 173-180	5.3	415
93	A molecular mechanism of action of theophylline: Induction of histone deacetylase activity to decrease inflammatory gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 8921-6	11.5	400
92	Theophylline restores histone deacetylase activity and steroid responses in COPD macrophages. <i>Journal of Experimental Medicine</i> , 2004 , 200, 689-95	16.6	373
91	Corticosteroid resistance in chronic obstructive pulmonary disease: inactivation of histone deacetylase. <i>Lancet, The</i> , 2004 , 363, 731-3	4.0	316
90	Update on glucocorticoid action and resistance. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 117, 522-43	11.5	305
89	Targeting phosphoinositide-3-kinase-delta with theophylline reverses corticosteroid insensitivity in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 897-904	10.2	269
88	Expression and activity of histone deacetylases in human asthmatic airways. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 166, 392-6	10.2	257
87	Anti-inflammatory effects of resveratrol in lung epithelial cells: molecular mechanisms. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004 , 287, L774-83	5.8	249
86	Histone acetylase and deacetylase activity in alveolar macrophages and blood monocytes in asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 170, 141-7	10.2	211
85	Inhibition of PI3Kdelta restores glucocorticoid function in smoking-induced airway inflammation in mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 179, 542-8	10.2	197
84	Glucocorticoid receptor nuclear translocation in airway cells after inhaled combination therapy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 172, 704-12	10.2	191
83	Accelerated ageing of the lung in COPD: new concepts. <i>Thorax</i> , 2015 , 70, 482-9	7.3	187
82	A protein deacetylase SIRT1 is a negative regulator of metalloproteinase-9. <i>FASEB Journal</i> , 2009 , 23, 2810-9	0.9	184
81	Epigenetic regulation of airway inflammation. <i>Current Opinion in Immunology</i> , 2007 , 19, 694-700	7.8	172

80	Defective glucocorticoid receptor nuclear translocation and altered histone acetylation patterns in glucocorticoid-resistant patients. <i>Journal of Allergy and Clinical Immunology</i> , 2004 , 113, 1100-8	11.5	166
79	Decreased histone deacetylase 2 impairs Nrf2 activation by oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 406, 292-8	3.4	158
78	Therapeutic potential of phosphatidylinositol 3-kinase inhibitors in inflammatory respiratory disease. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 321, 1-8	4.7	128
77	Nitration of distinct tyrosine residues causes inactivation of histone deacetylase 2. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 384, 366-71	3.4	122
76	Epigenetics and airways disease. <i>Respiratory Research</i> , 2006 , 7, 21	7.3	116
75	Nitrosative stress in the bronchial mucosa of severe chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , 2005 , 116, 1028-35	11.5	109
74	Kinase inhibitors and airway inflammation. <i>European Journal of Pharmacology</i> , 2006 , 533, 118-32	5.3	108
73	Denitrosylation of HDAC2 by targeting Nrf2 restores glucocorticosteroid sensitivity in macrophages from COPD patients. <i>Journal of Clinical Investigation</i> , 2011 , 121, 4289-302	15.9	107
72	p65-activated histone acetyltransferase activity is repressed by glucocorticoids: mifepristone fails to recruit HDAC2 to the p65-HAT complex. <i>Journal of Biological Chemistry</i> , 2001 , 276, 30208-15	5.4	107
71	Steroid-resistant neutrophilic inflammation in a mouse model of an acute exacerbation of asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008 , 39, 543-50	5.7	103
70	A novel macrolide solithromycin exerts superior anti-inflammatory effect via NF- κ B inhibition. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013 , 345, 76-84	4.7	88
69	Restoration of corticosteroid sensitivity by p38 mitogen activated protein kinase inhibition in peripheral blood mononuclear cells from severe asthma. <i>PLoS ONE</i> , 2012 , 7, e41582	3.7	83
68	Nitric oxide synthase isoenzyme expression and activity in peripheral lung tissue of patients with chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 21-30	10.2	74
67	Passive smoking impairs histone deacetylase-2 in children with severe asthma. <i>Chest</i> , 2014 , 145, 305-312	5.3	70
66	Nortriptyline reverses corticosteroid insensitivity by inhibition of phosphoinositide-3-kinase- α . <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 337, 465-70	4.7	70
65	Peroxynitrite elevation in exhaled breath condensate of COPD and its inhibition by fudosteine. <i>Chest</i> , 2009 , 135, 1513-1520	5.3	67
64	Restoration of Corticosteroid Sensitivity in Chronic Obstructive Pulmonary Disease by Inhibition of Mammalian Target of Rapamycin. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 193, 143-53	10.2	63
63	Redox regulation of histone deacetylases and glucocorticoid-mediated inhibition of the inflammatory response. <i>Antioxidants and Redox Signaling</i> , 2005 , 7, 144-52	8.4	63

62	Differential patterns of histone acetylation in inflammatory bowel diseases. <i>Journal of Inflammation</i> , 2011 , 8, 1	6.7	62
61	p38 MAP kinase and MKK-1 co-operate in the generation of GM-CSF from LPS-stimulated human monocytes by an NF-kappa B-independent mechanism. <i>British Journal of Pharmacology</i> , 2000 , 131, 1143-53	8.6	62
60	Impact of protein acetylation in inflammatory lung diseases 2007 , 116, 249-65		61
59	Glucocorticoid-mediated transrepression is regulated by histone acetylation and DNA methylation. <i>European Journal of Pharmacology</i> , 2001 , 429, 327-34	5.3	60
58	Defects of protein phosphatase 2A causes corticosteroid insensitivity in severe asthma. <i>PLoS ONE</i> , 2011 , 6, e27627	3.7	59
57	p38 mitogen-activated protein kinase- β inhibition by long-acting β_2 adrenergic agonists reversed steroid insensitivity in severe asthma. <i>Molecular Pharmacology</i> , 2011 , 80, 1128-35	4.3	53
56	Geroprotectors as a novel therapeutic strategy for COPD, an accelerating aging disease. <i>International Journal of COPD</i> , 2012 , 7, 641-52	3	53
55	Oxidative stress and steroid resistance in asthma and COPD: pharmacological manipulation of HDAC-2 as a therapeutic strategy. <i>Expert Opinion on Therapeutic Targets</i> , 2007 , 11, 745-55	6.4	50
54	Long-acting fluticasone furoate has a superior pharmacological profile to fluticasone propionate in human respiratory cells. <i>European Journal of Pharmacology</i> , 2011 , 670, 244-51	5.3	47
53	Reduced Nasal Viral Load and IFN Responses in Infants with Respiratory Syncytial Virus Bronchiolitis and Respiratory Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 1074-1084	10.2	45
52	Oxidative stress modulates theophylline effects on steroid responsiveness. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 377, 797-802	3.4	44
51	Histone acetylation and histone deacetylation. <i>Molecular Biotechnology</i> , 2002 , 20, 99-106	3	42
50	Hypoxia-inducible factor 1 α induces corticosteroid-insensitive inflammation via reduction of histone deacetylase-2 transcription. <i>Journal of Biological Chemistry</i> , 2009 , 284, 36047-36054	5.4	40
49	The dynamic shuttling of SIRT1 between cytoplasm and nuclei in bronchial epithelial cells by single and repeated cigarette smoke exposure. <i>PLoS ONE</i> , 2018 , 13, e0193921	3.7	36
48	Increased corticosteroid sensitivity by a long acting β_2 agonist formoterol via β_2 adrenoceptor independent protein phosphatase 2A activation. <i>Pulmonary Pharmacology and Therapeutics</i> , 2012 , 25, 201-7	3.5	35
47	New insights into the molecular mechanisms of corticosteroids actions. <i>Current Drug Targets</i> , 2006 , 7, 649-60	3	35
46	and Antifungal Profile of a Novel and Long-Acting Inhaled Azole, PC945, on <i>Aspergillus fumigatus</i> Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	34
45	Decreased Serum Sirtuin-1 in COPD. <i>Chest</i> , 2017 , 152, 343-352	5.3	34

44	Sputum plasminogen activator inhibitor-1 elevation by oxidative stress-dependent nuclear factor- B activation in COPD. <i>Chest</i> , 2013 , 144, 515-521	5.3	33
43	Decreased phosphatase PTEN amplifies PI3K signaling and enhances proinflammatory cytokine release in COPD. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 313, L230-L239	5.8	32
42	Toll-like receptor 3 stimulation causes corticosteroid-refractory airway neutrophilia and hyperresponsiveness in mice. <i>Chest</i> , 2013 , 144, 99-105	5.3	32
41	Mode of glucocorticoid actions in airway disease. <i>Scientific World Journal, The</i> , 2006 , 6, 1750-69	2.2	31
40	Current approaches to the discovery of novel inhaled medicines. <i>Drug Discovery Today</i> , 2018 , 23, 1705-1717	18.7	31
39	STOP accelerating lung aging for the treatment of COPD. <i>Experimental Gerontology</i> , 2014 , 59, 21-7	4.5	27
38	Defect of adaptation to hypoxia in patients with COPD due to reduction of histone deacetylase 7. <i>Chest</i> , 2012 , 141, 1233-1242	5.3	26
37	Defective sirtuin-1 increases IL-4 expression through acetylation of GATA-3 in patients with severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 1595-1597.e7	11.5	25
36	Preclinical Characterization of PC786, an Inhaled Small-Molecule Respiratory Syncytial Virus L Protein Polymerase Inhibitor. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	20
35	Quercetin restores corticosteroid sensitivity in cells from patients with chronic obstructive pulmonary disease. <i>Experimental Lung Research</i> , 2017 , 43, 417-425	2.3	19
34	Discovery of Narrow Spectrum Kinase Inhibitors: New Therapeutic Agents for the Treatment of COPD and Steroid-Resistant Asthma. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 1727-46	8.3	16
33	In vitro antifungal activity of a novel topical triazole PC945 against emerging yeast <i>Candida auris</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 2943-2949	5.1	16
32	Activation of transcription factor Nrf2 signalling by the sphingosine kinase inhibitor SKI-II is mediated by the formation of Keap1 dimers. <i>PLoS ONE</i> , 2014 , 9, e88168	3.7	16
31	Nasosorption as a Minimally Invasive Sampling Procedure: Mucosal Viral Load and Inflammation in Primary RSV Bronchiolitis. <i>Journal of Infectious Diseases</i> , 2017 , 215, 1240-1244	7	15
30	Late therapeutic intervention with a respiratory syncytial virus L-protein polymerase inhibitor, PC786, on respiratory syncytial virus infection in human airway epithelium. <i>British Journal of Pharmacology</i> , 2018 , 175, 2520-2534	8.6	15
29	Antifungal synergy of a topical triazole, PC945, with a systemic triazole against respiratory <i>Aspergillus fumigatus</i> infection. <i>Scientific Reports</i> , 2019 , 9, 9482	4.9	15
28	Reduced HDAC2 in skeletal muscle of COPD patients. <i>Respiratory Research</i> , 2017 , 18, 99	7.3	15
27	Therapeutic targets for new therapy for corticosteroid refractory asthma. <i>Expert Opinion on Therapeutic Targets</i> , 2009 , 13, 1053-67	6.4	14

26	Biomarker Analysis of the Effects of Intranasally Dosed PC945, a Novel Antifungal Triazole, on <i>Aspergillus fumigatus</i> Infection in Immunocompromised Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	13
25	and Efficacy of a Novel and Long-Acting Fungicidal Azole, PC1244, on <i>Aspergillus fumigatus</i> Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	12
24	The role of antifungals in the management of patients with severe asthma. <i>Clinical and Translational Allergy</i> , 2020 , 10, 46	5.2	12
23	Discovery of novel benzothienoazepine derivatives as potent inhibitors of respiratory syncytial virus. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 2201-2206	2.9	11
22	Comparison of Symbicort [®] versus Pulmicort [®] on steroid pharmacodynamic markers in asthma patients. <i>Respiratory Medicine</i> , 2011 , 105, 1784-9	4.6	11
21	Osteoprotegerin in sputum is a potential biomarker in COPD. <i>Chest</i> , 2011 , 140, 76-83	5.3	10
20	Impaired Dual-Specificity Protein Phosphatase DUSP4 Reduces Corticosteroid Sensitivity. <i>Molecular Pharmacology</i> , 2017 , 91, 475-481	4.3	9
19	Histone acetylation and deacetylation. <i>Methods in Molecular Medicine</i> , 2000 , 44, 309-19		9
18	Safety and nonclinical and clinical pharmacokinetics of PC945, a novel inhaled triazole antifungal agent. <i>Pharmacology Research and Perspectives</i> , 2021 , 9, e00690	3.1	8
17	Anti-fungal activity of a novel triazole, PC1244, against emerging azole-resistant <i>Aspergillus fumigatus</i> and other species of <i>Aspergillus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 2950-2958	5.1	7
16	Safety and Anti-viral Effects of Nebulized PC786 in a Respiratory Syncytial Virus Challenge Study. <i>Journal of Infectious Diseases</i> , 2020 ,	7	6
15	PC945, a Novel Inhaled Antifungal Agent, for the Treatment of Respiratory Fungal Infections. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020 , 6,	5.6	6
14	Sirtuin 1: Endocan and Sestrin 2 in Different Biological Samples in Patients with Asthma. Does Severity Make the Difference?. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	5
13	Does lung aging have an impact on chronic obstructive pulmonary disease?. <i>Journal of Organ Dysfunction</i> , 2007 , 3, 204-220		5
12	Reduced denitration activity in peripheral lung of chronic obstructive pulmonary disease. <i>Tanaffos</i> , 2012 , 11, 23-9	0.5	5
11	Repeated lipopolysaccharide exposure causes corticosteroid insensitive airway inflammation via activation of phosphoinositide-3-kinase β pathway. <i>Biochemistry and Biophysics Reports</i> , 2016 , 7, 367-373	2.2	5
10	Protein tyrosine phosphatase PTP-RR regulates corticosteroid sensitivity. <i>Respiratory Research</i> , 2016 , 17, 30	7.3	4
9	Cigarette smoke-induced impairment of autophagy in macrophages increases galectin-8 and inflammation. <i>Scientific Reports</i> , 2021 , 11, 335	4.9	4

8	Effects of intranasally dosed posaconazole on fungal load and biomarkers in <i>Aspergillus fumigatus</i> infected immunocompromised mice. <i>Mycoses</i> , 2017 , 60, 728-735	5.2	3
7	Virus-Induced Asthma Exacerbations: SIRT1 Targeted Approach. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
6	<i>Pseudomonas aeruginosa</i> induces p38MAP kinase-dependent IL-6 and CXCL8 release from bronchial epithelial cells via a Syk kinase pathway. <i>PLoS ONE</i> , 2021 , 16, e0246050	3.7	2
5	Interactions between long-acting β -agonists and glucocorticoids. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2006 , 3, 261-268		1
4	Relationship between anti-fungal effects and lung exposure of PC945, a novel inhaled antifungal agent, in <i>Aspergillus fumigatus</i> infected mice: Pulmonary PK-PD analysis of anti-fungal PC945. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 163, 105878	5.1	0
3	Inhaled antifungal therapy: benefits, challenges, and clinical applications. <i>Expert Opinion on Drug Delivery</i> , 1-15	8	0
2	Anti-Ageing Strategy of the Lung for Chronic Inflammatory Respiratory Disease β -Targeting Protein Deacetylases 2012 , 125-139		
1	C13 Corticosteroids 2011 , 557-571		