

# Teal S Hallstrand

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4817870/teal-s-hallstrand-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. 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.

78  
papers

4,359  
citations

33  
h-index

65  
g-index

82  
ext. papers

5,657  
ext. citations

5.2  
avg. IF

5.26  
L-index

#	Paper	IF	Citations
78	Airway epithelial interferon response to SARS-CoV-2 is inferior to rhinovirus and heterologous rhinovirus infection suppresses SARS-CoV-2 replication.. <i>Scientific Reports</i> , <b>2022</b> , 12, 6972	4.9	1
77	ERS/ATS technical standard on interpretive strategies for routine lung function tests.. <i>European Respiratory Journal</i> , <b>2021</b> ,	13.6	19
76	Use of Fractional Exhaled Nitric Oxide to Guide the Treatment of Asthma: An Official American Thoracic Society Clinical Practice Guideline. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 204, e97-e109	10.2	7
75	Exploring the origin and regulatory role of mast cells in asthma. <i>Current Opinion in Allergy and Clinical Immunology</i> , <b>2021</b> , 21, 71-78	3.3	1
74	Exercise-induced alterations in phospholipid hydrolysis, airway surfactant, and eicosanoids and their role in airway hyperresponsiveness in asthma. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2021</b> , 320, L705-L714	5.8	2
73	The Use of Quantitative Digital Pathology to Measure Proteoglycan and Glycosaminoglycan Expression and Accumulation in Healthy and Diseased Tissues. <i>Journal of Histochemistry and Cytochemistry</i> , <b>2021</b> , 69, 137-155	3.4	3
72	Secreted Phospholipase A Group X Acts as an Adjuvant for Type 2 Inflammation, Leading to an Allergen-Specific Immune Response in the Lung. <i>Journal of Immunology</i> , <b>2020</b> , 204, 3097-3107	5.3	2
71	Epithelial-interleukin-1 inhibits collagen formation by airway fibroblasts: Implications for asthma. <i>Scientific Reports</i> , <b>2020</b> , 10, 8721	4.9	10
70	The Intricate Web of Phospholipase As and Specific Features of Airway Hyperresponsiveness in Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2020</b> , 63, 543-545	5.7	2
69	Restoring Pulmonary and Sleep Services as the COVID-19 Pandemic Lessens. From an Association of Pulmonary, Critical Care, and Sleep Division Directors and American Thoracic Society-coordinated Task Force. <i>Annals of the American Thoracic Society</i> , <b>2020</b> , 17, 1343-1351	4.7	32
68	Effects of Asthma and Human Rhinovirus A16 on the Expression of SARS-CoV-2 Entry Factors in Human Airway Epithelium. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2020</b> , 63, 859-863	5.7	11
67	Quantum dots and mouse strain influence house dust mite-induced allergic airway disease. <i>Toxicology and Applied Pharmacology</i> , <b>2019</b> , 368, 55-62	4.6	9
66	Standardization of Spirometry 2019 Update. An Official American Thoracic Society and European Respiratory Society Technical Statement. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 200, e70-e88	10.2	719
65	Airway epithelium-shifted mast cell infiltration regulates asthmatic inflammation via IL-33 signaling. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 4979-4991	15.9	28
64	Bronchoalveolar fluid and plasma inflammatory biomarkers in contemporary ARDS patients. <i>Biomarkers</i> , <b>2019</b> , 24, 352-359	2.6	11
63	Function of secreted phospholipase A group-X in asthma and allergic disease. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2019</b> , 1864, 827-837	5	12
62	Mechanisms and Biomarkers of Exercise-Induced Bronchoconstriction. <i>Immunology and Allergy Clinics of North America</i> , <b>2018</b> , 38, 165-182	3.3	22

61	Interferon response to respiratory syncytial virus by bronchial epithelium from children with asthma is inversely correlated with pulmonary function. <i>Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 142, 451-459	11.5	20
60	Measurement of Airway Responsiveness. <i>Respiratory Medicine</i> , <b>2018</b> , 171-195	0.2	
59	ERS technical standard on bronchial challenge testing: pathophysiology and methodology of indirect airway challenge testing. <i>European Respiratory Journal</i> , <b>2018</b> , 52,	13.6	46
58	Epigenetic modifying enzyme expression in asthmatic airway epithelial cells and fibroblasts. <i>BMC Pulmonary Medicine</i> , <b>2017</b> , 17, 24	3.5	14
57	Lung pericyte-like cells are functional interstitial immune sentinel cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2017</b> , 312, L556-L567	5.8	33
56	Recommendations for a Standardized Pulmonary Function Report. An Official American Thoracic Society Technical Statement. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 1463-1472	10.2	278
55	Filamentous Bacteriophage Produced by Pseudomonas aeruginosa Alters the Inflammatory Response and Promotes Noninvasive Infection In Vivo. <i>Infection and Immunity</i> , <b>2017</b> , 85,	3.7	49
54	Secreted PLA2 group X orchestrates innate and adaptive immune responses to inhaled allergen. <i>JCI Insight</i> , <b>2017</b> , 2,	9.9	21
53	ERS technical standard on bronchial challenge testing: general considerations and performance of methacholine challenge tests. <i>European Respiratory Journal</i> , <b>2017</b> , 49,	13.6	144
52	Ambient air pollution, lung function, and airway responsiveness in asthmatic children. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 137, 390-9	11.5	97
51	Identification of Epithelial Phospholipase A Receptor 1 as a Potential Target in Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2016</b> , 55, 825-836	5.7	19
50	Endogenous secreted phospholipase A2 group X regulates cysteinyl leukotrienes synthesis by human eosinophils. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 137, 268-277.e8	11.5	16
49	infection after haematopoietic cell transplantation: not just a plant pathogen?. <i>JMM Case Reports</i> , <b>2016</b> , 3, e005025	0.5	5
48	Exercise-induced bronchoconstriction update-2016. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 138, 1292-1295.e36	11.5	85
47	Adopting Clean Fuels and Technologies on School Buses. Pollution and Health Impacts in Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2015</b> , 191, 1413-21	10.2	31
46	Disruption of Eatenin/CBP signaling inhibits human airway epithelial-mesenchymal transition and repair. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2015</b> , 68, 59-69	5.6	31
45	Airway epithelial regulation of pulmonary immune homeostasis and inflammation. <i>Clinical Immunology</i> , <b>2014</b> , 151, 1-15	9	157
44	Improving screening and diagnosis of exercise-induced bronchoconstriction: a call to action. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , <b>2014</b> , 2, 275-80.e7	5.4	14

43	A halotyrosine antibody that detects increased protein modifications in asthma patients. <i>Journal of Immunological Methods</i> , <b>2014</b> , 403, 17-25	2.5	11
42	Exercise-induced bronchoconstriction. <i>Annals of the American Thoracic Society</i> , <b>2014</b> , 11, 1651-2	4.7	10
41	Increased density of intraepithelial mast cells in patients with exercise-induced bronchoconstriction regulated through epithelially derived thymic stromal lymphopoietin and IL-33. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 133, 1448-55	11.5	41
40	Approach to the Patient with Exercise-Induced Bronchoconstriction <b>2014</b> , 938-950		1
39	Transcription factor p63 regulates key genes and wound repair in human airway epithelial basal cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2013</b> , 49, 978-88	5.7	40
38	Where to from here for exercise-induced bronchoconstriction: the unanswered questions. <i>Immunology and Allergy Clinics of North America</i> , <b>2013</b> , 33, 423-42, ix	3.3	5
37	Role of cells and mediators in exercise-induced bronchoconstriction. <i>Immunology and Allergy Clinics of North America</i> , <b>2013</b> , 33, 313-28, vii	3.3	22
36	An official American Thoracic Society clinical practice guideline: exercise-induced bronchoconstriction. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2013</b> , 187, 1016-27	10.2	343
35	Regulation and function of epithelial secreted phospholipase A2 group X in asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2013</b> , 188, 42-50	10.2	33
34	Epithelial regulation of eicosanoid production in asthma. <i>Pulmonary Pharmacology and Therapeutics</i> , <b>2012</b> , 25, 432-7	3.5	19
33	Function of the airway epithelium in asthma. <i>Journal of Allergy</i> , <b>2012</b> , 2012, 160586		5
32	New insights into pathogenesis of exercise-induced bronchoconstriction. <i>Current Opinion in Allergy and Clinical Immunology</i> , <b>2012</b> , 12, 42-8	3.3	44
31	Induced sputum proteome in healthy subjects and asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , <b>2011</b> , 128, 1176-1184.e6	11.5	45
30	A phase II randomized placebo-controlled trial of omega-3 fatty acids for the treatment of acute lung injury. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 1655-62	1.4	154
29	Effects of bronchoconstriction, minute ventilation, and deep inspiration on the composition of exhaled breath condensate. <i>Chest</i> , <b>2011</b> , 139, 16-22	5.3	16
28	PKR-dependent CHOP induction limits hyperoxia-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2011</b> , 300, L422-9	5.8	39
27	Transglutaminase 2, a novel regulator of eicosanoid production in asthma revealed by genome-wide expression profiling of distinct asthma phenotypes. <i>PLoS ONE</i> , <b>2010</b> , 5, e8583	3.7	55
26	An update on the role of leukotrienes in asthma. <i>Current Opinion in Allergy and Clinical Immunology</i> , <b>2010</b> , 10, 60-6	3.3	112

25	Eosinophil cysteinyl leukotriene synthesis mediated by exogenous secreted phospholipase A2 group X. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 41491-500	5.4	43
24	Decreased fibronectin production significantly contributes to dysregulated repair of asthmatic epithelium. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2010</b> , 181, 889-98	10.2	106
23	Improved sensitivity mass spectrometric detection of eicosanoids by charge reversal derivatization. <i>Analytical Chemistry</i> , <b>2010</b> , 82, 6790-6	7.8	130
22	Role of leukotrienes in exercise-induced bronchoconstriction. <i>Current Allergy and Asthma Reports</i> , <b>2009</b> , 9, 18-25	5.6	39
21	A thymic stromal lymphopoietin gene variant is associated with asthma and airway hyperresponsiveness. <i>Journal of Allergy and Clinical Immunology</i> , <b>2009</b> , 124, 222-9	11.5	79
20	Initial test of the seattle asthma severity and control questionnaire: a multidimensional assessment of asthma severity and control. <i>Annals of Allergy, Asthma and Immunology</i> , <b>2009</b> , 103, 225-32	3.2	7
19	Is allergic disease curable or transferable with allogeneic hematopoietic cell transplantation?. <i>Blood</i> , <b>2009</b> , 113, 279-90	2.2	32
18	Role of MUC5AC in the pathogenesis of exercise-induced bronchoconstriction. <i>Journal of Allergy and Clinical Immunology</i> , <b>2007</b> , 119, 1092-8	11.5	52
17	Methods to improve measurement of cysteinyl leukotrienes in exhaled breath condensate from subjects with asthma and healthy controls. <i>Journal of Allergy and Clinical Immunology</i> , <b>2007</b> , 120, 1216-7	11.5	19
16	Safety of sputum induction with hypertonic saline solution in exercise-induced bronchoconstriction. <i>Chest</i> , <b>2007</b> , 131, 1339-44	5.3	5
15	Secreted phospholipase A2 group X overexpression in asthma and bronchial hyperresponsiveness. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2007</b> , 176, 1072-8	10.2	86
14	Health Care Use and Quality of Life Among Patients with Asthma and Panic Disorder. <i>Journal of Asthma</i> , <b>2005</b> , 42, 179-184	1.9	34
13	Airway immunopathology of asthma with exercise-induced bronchoconstriction. <i>Journal of Allergy and Clinical Immunology</i> , <b>2005</b> , 116, 586-93	11.5	110
12	Genetic pleiotropy between asthma and obesity in a community-based sample of twins. <i>Journal of Allergy and Clinical Immunology</i> , <b>2005</b> , 116, 1235-41	11.5	100
11	Fellows as teachers: the teacher-assistant experience during pulmonary subspecialty training. <i>Chest</i> , <b>2005</b> , 128, 401-6	5.3	19
10	Health care use and quality of life among patients with asthma and panic disorder. <i>Journal of Asthma</i> , <b>2005</b> , 42, 179-84	1.9	23
9	Inflammatory basis of exercise-induced bronchoconstriction. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2005</b> , 172, 679-86	10.2	193
8	The role of allergy in manifestations of respiratory disease in adult cystic fibrosis. <i>Annals of Allergy, Asthma and Immunology</i> , <b>2004</b> , 92, 228-33	3.2	4

7	Long-term acquisition of allergen-specific IgE and asthma following allogeneic bone marrow transplantation from allergic donors. <i>Blood</i> , <b>2004</b> , 104, 3086-90	2.2	46
6	Quality of life in adolescents with mild asthma. <i>Pediatric Pulmonology</i> , <b>2003</b> , 36, 536-43	3.5	55
5	Effectiveness of screening examinations to detect unrecognized exercise-induced bronchoconstriction. <i>Journal of Pediatrics</i> , <b>2002</b> , 141, 343-8	3.6	105
4	Leukotriene modifiers. <i>Medical Clinics of North America</i> , <b>2002</b> , 86, 1009-33, vi	7	13
3	Practical management of acute asthma in adults. <i>Respiratory Care</i> , <b>2002</b> , 47, 171-82	2.1	1
2	Aerobic conditioning in mild asthma decreases the hyperpnea of exercise and improves exercise and ventilatory capacity. <i>Chest</i> , <b>2000</b> , 118, 1460-9	5.3	75
1	Peripheral blood manifestations of T(H)2 lymphocyte activation in stable atopic asthma and during exercise-induced bronchospasm. <i>Annals of Allergy, Asthma and Immunology</i> , <b>1998</b> , 80, 424-32	3.2	22