Michael C Peters

List of Publications by Year
in descending order

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41 papers	3,860 citations	218677 26 h-index	276875 41 g-index
43 all docs	43 docs citations	43 times ranked	5112 citing authors

#	Article	IF	Citations
1	The Precision Interventions for Severe and/or Exacerbation-Prone (PrecISE) Asthma Network: An overview of Network organization, procedures, and interventions. Journal of Allergy and Clinical Immunology, 2022, 149, 488-516.e9.	2.9	24
2	Location of eosinophils in the airway wall is critical for specific features of airway hyperresponsiveness and T2 inflammation in asthma. European Respiratory Journal, 2022, 60, 2101865.	6.7	18
3	Mucus Plugs Persist in Asthma, and Changes in Mucus Plugs Associate with Changes in Airflow over Time. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 1036-1045.	5.6	39
4	Obesity alters pathology and treatment response in inflammatory disease. Nature, 2022, 604, 337-342.	27.8	93
5	Novel Potential Treatable Traits in Asthma: Where is the research taking us?. , 2022, , .		0
6	Responsiveness to Parenteral Corticosteroids and Lung Function Trajectory in Adults with Moderate-to-Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 841-852.	5.6	14
7	The association of plasma IL-6 with measures of asthma morbidity in a moderate-severe pediatric cohort aged 6-18 years. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 2916-2919.e2.	3.8	11
8	PrecISE: Precision Medicine in Severe Asthma: An adaptive platform trial with biomarker ascertainment. Journal of Allergy and Clinical Immunology, 2021, 147, 1594-1601.	2.9	27
9	Update in Adult Asthma 2020. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 395-402.	5.6	8
10	Use of Fractional Exhaled Nitric Oxide to Guide the Treatment of Asthma: An Official American Thoracic Society Clinical Practice Guideline. American Journal of Respiratory and Critical Care Medicine, 2021, 204, e97-e109.	5.6	69
11	Investigation of the relationship between IL-6 and type 2 biomarkers in patients with severe asthma. Journal of Allergy and Clinical Immunology, 2020, 145, 430-433.	2.9	38
12	Introducing the Endotype Concept to Address the Challenge of Disease Heterogeneity in Type 1 Diabetes. Diabetes Care, 2020, 43, 5-12.	8.6	220
13	Reply to Nannini and to Lipworth et al.. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1325-1326.	5.6	0
14	The precision interventions for severe and/or exacerbation-prone asthma (PrecISE) adaptive platform trial: statistical considerations. Journal of Biopharmaceutical Statistics, 2020, 30, 1026-1037.	0.8	11
15	Evidence for Exacerbation-Prone Asthma and Predictive Biomarkers of Exacerbation Frequency. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 973-982.	5.6	105
16	An antiâ€siglecâ€8 antibody depletes sputum eosinophils from asthmatic subjects and inhibits lung mast cells. Clinical and Experimental Allergy, 2020, 50, 904-914.	2.9	24
17	Intersection of biology and therapeutics: type 2 targeted therapeutics for adult asthma. Lancet, The, 2020, 395, 371-383.	13.7	102
18	Diagnosis and Management of T2-High Asthma. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 442-450.	3.8	51

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19	COVID-19â€“related Genes in Sputum Cells in Asthma. Relationship to Demographic Features and Corticosteroids. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 83-90.	5.6	370
20	Multiview Cluster Analysis Identifies Variable Corticosteroid Response Phenotypes in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1358-1367.	5.6	91
21	Extracellular DNA, Neutrophil Extracellular Traps, and Inflammasome Activation in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1076-1085.	5.6	165
22	Unmet Needs in Severe Asthma Subtyping and Precision Medicine Trials. Bridging Clinical and Patient Perspectives. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 823-829.	5.6	31
23	A Transcriptomic Method to Determine Airway Immune Dysfunction in T2-High and T2-Low Asthma. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 465-477.	5.6	98
24	Refractory airway type 2 inflammation in a large subgroup of asthmatic patients treated with inhaled corticosteroids. Journal of Allergy and Clinical Immunology, 2019, 143, 104-113.e14.	2.9	135
25	Airway epitheliumâ€“shifted mast cell infiltration regulates asthmatic inflammation via IL-33 signaling. Journal of Clinical Investigation, 2019, 129, 4979-4991.	8.2	57
26	Internet-Based Monitoring in the Severe Asthma Research Program Identifies a Subgroup of Patients With Labile Asthma Control. Chest, 2018, 153, 378-386.	0.8	6
27	Baseline Features of the Severe Asthma Research Program (SARP III) Cohort: Differences with Age. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 545-554.e4.	3.8	210
28	Mucus plugs in patients with asthma linked to eosinophilia and airflow obstruction. Journal of Clinical Investigation, 2018, 128, 997-1009.	8.2	337
29	Natural killer cellâ€“mediated inflammation resolution is disabled in severe asthma. Science Immunology, 2017, 2, .	11.9	76
30	Inflammatory and Comorbid Features of Patients with Severe Asthma and Frequent Exacerbations. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 302-313.	5.6	346
31	ALX receptor ligands define a biochemical endotype for severe asthma. JCI Insight, 2017, 2, .	5.0	29
32	IL1RL1 asthma risk variants regulate airway type 2 inflammation. JCI Insight, 2016, 1, e87871.	5.0	42
33	Biomarkers of Airway Type-2 Inflammation and Integrating Complex Phenotypes to Endotypes in Asthma. Current Allergy and Asthma Reports, 2016, 16, 71.	5.3	12
34	Metabolic consequences of obesity as an â€œoutside inâ€•mechanism of disease severity in asthma. European Respiratory Journal, 2016, 48, 291-293.	6.7	25
35	Alternative splicing of interleukin-33 and type 2 inflammation in asthma. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8765-8770.	7.1	139
36	Plasma interleukin-6 concentrations, metabolic dysfunction, and asthma severity: a cross-sectional analysis of two cohorts. Lancet Respiratory Medicine,the, 2016, 4, 574-584.	10.7	375

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37	Measures of gene expression in sputum cells can identify TH2-high and TH2-low subtypes of asthma. Journal of Allergy and Clinical Immunology, 2014, 133, 388-394.e5.	2.9	282
38	Intelectin-1 Is a Prominent Protein Constituent of Pathologic Mucus Associated with Eosinophilic Airway Inflammation in Asthma. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 1005-1007.	5.6	35
39	Type 2 Immune Responses in Obese Individuals with Asthma. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 633-634.	5.6	15
40	New-onset asthma among soldiers serving in Iraq and Afghanistan. Allergy and Asthma Proceedings, 2010, 31, 67-71.	2.2	86
41	Hyperresponsiveness on Washout of Volatile Anesthetics from Isolated Spinal Cord Compared to Withdrawal from Ethanol. Anesthesia and Analgesia, 2005, 100, 413-436.	2.2	6