Loretta G Que

List of Publications by Year
in descending order

57 papers	4,405 citations	159585 30 h-index	161849 54 g-index
59 all docs	59 docs citations	59 times ranked	6278 citing authors

#	Article	IF	Citations
1	A metabolic enzyme for S-nitrosothiol conserved from bacteria to humans. Nature, 2001, 410, 490-494.	27.8	839
2	Essential Roles of S-Nitrosothiols in Vascular Homeostasis and Endotoxic Shock. Cell, 2004, 116, 617-628.	28.9	504
3	A Protocol for the Comprehensive Flow Cytometric Analysis of Immune Cells in Normal and Inflamed Murine Non-Lymphoid Tissues. PLoS ONE, 2016, 11, e0150606.	2.5	299
4	Regulation of Î²-Adrenergic Receptor Signaling by S-Nitrosylation of G-Protein-Coupled Receptor Kinase 2. Cell, 2007, 129, 511-522.	28.9	274
5	Protection from Experimental Asthma by an Endogenous Bronchodilator. Science, 2005, 308, 1618-1621.	12.6	265
6	Effect of Vitamin D₃on Asthma Treatment Failures in Adults With Symptomatic Asthma and Lower Vitamin D Levels. JAMA - Journal of the American Medical Association, 2014, 311, 2083.	7.4	236
7	Features of the bronchial bacterial microbiome associated with atopy, asthma, and responsiveness to inhaled corticosteroid treatment. Journal of Allergy and Clinical Immunology, 2017, 140, 63-75.	2.9	222
8	Metabolic Syndrome and the Lung. Chest, 2016, 149, 1525-1534.	0.8	148
9	A Prospective Multicenter Study of Competency Metrics and Educational Interventions in the Learning of Bronchoscopy Among New Pulmonary Fellows. Chest, 2010, 137, 1040-1049.	0.8	119
10	Rare SOX2 + Airway Progenitor Cells Generate KRT5 + Cells that Repopulate Damaged Alveolar Parenchyma following Influenza Virus Infection. Stem Cell Reports, 2016, 7, 817-825.	4.8	116
11	S-Nitrosoglutathione Reductase. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 226-231.	5.6	102
12	Mometasone or Tiotropium in Mild Asthma with a Low Sputum Eosinophil Level. New England Journal of Medicine, 2019, 380, 2009-2019.	27.0	95
13	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
14	Using Hyperpolarized 129Xe MRI to Quantify the Pulmonary Ventilation Distribution. Academic Radiology, 2016, 23, 1521-1531.	2.5	67
15	Alveolar Macrophages from Overweight/Obese Subjects with Asthma Demonstrate a Proinflammatory Phenotype. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 404-411.	5.6	65
16	Induction of arginase isoforms in the lung during hyperoxia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1998, 275, L96-L102.	2.9	61
17	Current teaching and evaluation methods in critical care medicine: Has the Accreditation Council for Graduate Medical Education affected how we practice and teach in the intensive care unit?*. Critical Care Medicine, 2009, 37, 49-60.	0.9	57
18	GSNO reductase and Î²2-adrenergic receptor geneâ€“gene interaction: bronchodilator responsiveness to albuterol. Pharmacogenetics and Genomics, 2010, 20, 351-358.	1.5	57

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19	Bioenergetic Differences in the Airway Epithelium of Lean Versus Obese Asthmatics Are Driven by Nitric Oxide and Reflected in Circulating Platelets. Antioxidants and Redox Signaling, 2019, 31, 673-686.	5.4	54
20	iNKT cells require TSC1 for terminal maturation and effector lineage fate decisions. Journal of Clinical Investigation, 2014, 124, 1685-1698.	8.2	54
21	Effects of Arginase Isoforms on NO Production by nNOS. Nitric Oxide - Biology and Chemistry, 2002, 6, 1-8.	2.7	50
22	Immunofibrotic drivers of impaired lung function in postacute sequelae of SARS-CoV-2 infection. JCI Insight, 2021, 6, .	5.0	49
23	L-Citrulline increases nitric oxide and improves control in obese asthmatics. JCI Insight, 2019, 4, .	5.0	48
24	Pulmonary function, bronchial reactivity, and epithelial permeability are response phenotypes to ozone and develop differentially in healthy humans. Journal of Applied Physiology, 2011, 111, 679-687.	2.5	47
25	Step-Up Therapy in Black Children and Adults with Poorly Controlled Asthma. New England Journal of Medicine, 2019, 381, 1227-1239.	27.0	44
26	Debriefing in the intensive care unit: A feedback tool to facilitate bedside teaching*. Critical Care Medicine, 2007, 35, 738-754.	0.9	43
27	Multiplexed, quantitative serological profiling of COVID-19 from blood by a point-of-care test. Science Advances, 2021, 7, .	10.3	42
28	Arginase1 Deficiency in Monocytes/Macrophages Upregulates Inducible Nitric Oxide Synthase To Promote Cutaneous Contact Hypersensitivity. Journal of Immunology, 2017, 199, 1827-1834.	0.8	39
29	Sex Modifies Acute Ozone-Mediated Airway Physiologic Responses. Toxicological Sciences, 2019, 169, 499-510.	3.1	37
30	Control of antiviral innate immune response by protein geranylgeranylation. Science Advances, 2019, 5, eaav7999.	10.3	36
31	DAMPs/PAMPs induce monocytic TLR activation and tolerance in COVID-19 patients; nucleic acid binding scavengers can counteract such TLR agonists. Biomaterials, 2022, 283, 121393.	11.4	34
32	Development and validation of an electronic medical record (EMR)-based computed phenotype of HIV-1 infection. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 150-157.	4.4	32
33	Using hyperpolarized ¹²⁹Xe gas-exchange MRI to model the regional airspace, membrane, and capillary contributions to diffusing capacity. Journal of Applied Physiology, 2021, 130, 1398-1409.	2.5	23
34	Use and Perceived Risk of Electronic Cigarettes Among North Carolina Middle and High School Students. North Carolina Medical Journal, 2017, 78, 7-13.	0.2	16
35	A Scoping Review of International Barriers to Asthma Medication Adherence Mapped to the Theoretical Domains Framework. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 410-418.e4.	3.8	16
36	Obesity and Asthma. Seminars in Respiratory and Critical Care Medicine, 2022, 43, 662-674.	2.1	16

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37	A Systematic Review of Patient- and Family-Level Inhaled Corticosteroid Adherence Interventions in Black/African Americans. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 1184-1193.e3.	3.8	15
38	Does Obesity Increase Respiratory Tract Infections in Patients with Asthma?. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 954-961.e6.	3.8	12
39	Clinical Trial of Losartan for Pulmonary Emphysema: Pulmonary Trials Cooperative Losartan Effects on Emphysema Progression Clinical Trial. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 838-845.	5.6	12
40	Effect of the Sâ€nitrosoglutathione reductase inhibitor N6022 on bronchial hyperreactivity in asthma. Immunity, Inflammation and Disease, 2018, 6, 322-331.	2.7	10
41	Physiologic response to chronic house dust mite exposure in mice is dependent on lot characteristics. Journal of Allergy and Clinical Immunology, 2019, 144, 1428-1432.e8.	2.9	10
42	Dysregulated Metabolism in the Pathophysiology of Non-Allergic Obese Asthma. Journal of Asthma and Allergy, 2021, Volume 14, 179-186.	3.4	10
43	Genetic Variation in Surfactant Protein-A2 Delays Resolution of Eosinophilia in Asthma. Journal of Immunology, 2019, 203, 1122-1130.	0.8	9
44	Suppression of Fibrinolysis and Hypercoagulability, Severity of Hypoxemia, and Mortality in COVID-19 Patients: A Retrospective Cohort Study. Anesthesiology, 2022, 137, 67-78.	2.5	8
45	Oxygen delivery systems for adults in Sub-Saharan Africa: A scoping review. Journal of Global Health, 2021, 11, 04018.	2.7	7
46	Identification of a Novel Inhibitor of Human Rhinovirus Replication and Inflammation in Airway Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 58-67.	2.9	5
47	Wood smoke particle exposure in mice reduces the severity of influenza infection. Toxicology and Applied Pharmacology, 2021, 426, 115645.	2.8	5
48	Functional significance of 8-isoprostanes in sinonasal disease and asthma. Respiratory Medicine, 2021, 185, 106506.	2.9	4
49	Genetic variation in surfactant protein-A2 alters responses to ozone. PLoS ONE, 2021, 16, e0247504.	2.5	3
50	Factors associated with reporting results for pulmonary clinical trials in ClinicalTrials.gov. Clinical Trials, 2018, 15, 87-94.	1.6	2
51	Efficient CD4Cre-Mediated Conditional KRas Expression in Alveolar Macrophages and Alveolar Epithelial Cells Causes Fatal Hyperproliferative Pneumonitis. Journal of Immunology, 2019, 203, 1208-1217.	0.8	2
52	Combining Heparin and a FX/Xa Aptamer to Reduce Thrombin Generation in Cardiopulmonary Bypass and COVID-19. Nucleic Acid Therapeutics, 2022, 32, 139-150.	3.6	2
53	Identifying an at-risk population for poor asthma outcomes: Data from the American Lung Association Asthma Clinical Trials Registry. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 2872-2874.	3.8	1
54	Key Pathogenic Factors in Coronavirus Disease 2019â€“Associated Coagulopathy and Acute Lung Injury Highlighted in a Patient With Copresentation of Acute Myelocytic Leukemia: A Case Report. A&A Practice, 2021, 15, e01432.	0.4	1

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55	Genetic Variation in Surfactant Protein-A2 Results in Altered Regulation of Eosinophil Activities and Enhanced Eosinophilia in Patients with Asthma. Annals of the American Thoracic Society, 2016, 13 Suppl 1, S101.	3.2	1
56	Biochemistry of asthma. Biochimica Et Biophysica Acta - General Subjects, 2011, 1810, 1007.	2.4	0
57	2595. Murine Models for the Host Response to Typical and Atypical Pneumonia. Open Forum Infectious Diseases, 2019, 6, S902-S902.	0.9	0