Isabelle Vachier

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8488371/publications.pdf

Version: 2024-02-01

111 papers	4,962 citations	126708 33 h-index	98622 67 g-index
118 all docs	118 docs citations	118 times ranked	5574 citing authors

#	Article	IF	Citations
1	Methods of Sputum and Mucus Assessment for Muco-Obstructive Lung Diseases in 2022: Time to â€œUnplugâ€•from Our Daily Routine!. Cells, 2022, 11, 812.	1.8	6
2	Using intracellular SCGB1A1-sorted, formalin-fixed club cells for successful transcriptomic analysis. Biochemical and Biophysical Research Communications, 2022, 604, 151-157.	1.0	0
3	Rheology predicts sputum eosinophilia in patients with muco-obstructive lung diseases. Biochemical and Biophysical Research Communications, 2022, 622, 64-71.	1.0	4
4	Targeted therapy in eosinophilic chronic obstructive pulmonary disease. ERJ Open Research, 2021, 7, 00437-2020.	1.1	13
5	Club Cell Loss as a Feature of Bronchiolization in ILD. Frontiers in Immunology, 2021, 12, 630096.	2.2	6
6	DNA Methylation at ATP11A cg11702988 Is a Biomarker of Lung Disease Severity in Cystic Fibrosis: A Longitudinal Study. Genes, 2021, 12, 441.	1.0	3
7	Health-related quality of life and disease progression in pulmonary arterial hypertension patients: a 3-year study. ERJ Open Research, 2021, 7, 00617-2020.	1.1	7
8	â€œReal-lifeâ€•management of patients with severe asthma in the biologics era: Can we do better?. World Allergy Organization Journal, 2021, 14, 100528.	1.6	4
9	Identifier et prendre en charge lâ€™asthme difficile. La Presse MÃ©dicale Formation, 2021, 2, 159-165.	0.1	0
10	Complication and lung function impairment prediction using perfusion and computed tomography air trapping (CLIPPCAIR): protocol for the development and validation of a novel multivariable model for the prediction of post-resection lung function. Annals of Translational Medicine, 2021, 9, 1092-1092.	0.7	1
11	Generation of four severe early-onset chronic obstructive pulmonary disease (COPD) patient-derived induced pluripotent stem cell lines from peripheral blood mononuclear cells. Stem Cell Research, 2021, 56, 102550.	0.3	3
12	Roles of Mesenchymal Cells in the Lung: From Lung Development to Chronic Obstructive Pulmonary Disease. Cells, 2021, 10, 3467.	1.8	23
13	Reply to Wand et al.: Role of Transbronchial Cryobiopsy in Interstitial Lung Diseases: An Ongoing Tale. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 260-261.	2.5	2
14	Transbronchial cryobiopsy in the diagnosis of interstitial lung diseases: methodologies and perspectives from the Cryo-PID and COLDICE studies. Annals of Translational Medicine, 2020, 8, 1330-1330.	0.7	5
15	Patient distrust in pharmaceutical companies: an explanation for women under-representation in respiratory clinical trials?. BMC Medical Ethics, 2020, 21, 72.	1.0	21
16	Generation of the induced pluripotent stem cell line UHOMi002-A from peripheral blood mononuclear cells of a healthy male donor. Stem Cell Research, 2020, 49, 102037.	0.3	3
17	Will the asthma revolution fostered by biologics also benefit adult ICU patients?. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 76, 2395-2406.	2.7	2
18	Careful consideration of the bleeding caused by transbronchial lung cryobiopsies. European Respiratory Journal, 2020, 55, 1902415.	3.1	3

#	Article	IF	Citations
19	Cryobiopsy Compared with Surgical Lung Biopsy in ILD: Reply to Maldonado et al., Froidure et al., Bendstrup et al., Agarwal et al., Richeldi et al., Rajchgot et al., and Quadrelli et al.. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 944-946.	2.5	6
20	Goblet cell hyperplasia as a feature of neutrophilic asthma. Clinical and Experimental Allergy, 2019, 49, 781-788.	1.4	17
21	CCSP counterbalances airway epithelial-driven neutrophilic chemotaxis. European Respiratory Journal, 2019, 54, 1802408.	3.1	13
22	Poor Concordance between Sequential Transbronchial Lung Cryobiopsy and Surgical Lung Biopsy in the Diagnosis of Diffuse Interstitial Lung Diseases. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1249-1256.	2.5	145
23	Adverse publicity of serious side effects to healthy volunteers has limited effect on willingness-to-participate in clinical trials. Clinical Trials, 2019, 16, 440-442.	0.7	1
24	Bronchial Epithelial Calcium Metabolism Impairment in Smokers and Chronic Obstructive Pulmonary Disease. Decreased ORAI3 Signaling. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 501-511.	1.4	17
25	Randomised controlled trials in severe asthma: selection by phenotype or stereotype. European Respiratory Journal, 2019, 53, 1802187.	3.1	3
26	Mucus Microrheology Measured on Human Bronchial Epithelium Culture. Frontiers in Physics, 2019, 7, .	1.0	14
27	Reply to: Altered Calcium in Ciliary Dysfunction: Potential Role of ER Stress and Ciliophagy. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 795-796.	1.4	1
28	Asthma, COPD, and overlap in a national cohort: ACO on a gradient. Journal of Allergy and Clinical Immunology, 2018, 141, 1516-1518.	1.5	7
29	Impact of psychological factors on the health-related quality of life of patients treated for pulmonary arterial hypertension. Journal of Psychosomatic Research, 2018, 105, 45-51.	1.2	16
30	Lung development, regeneration and plasticity: From disease physiopathology to drug design using induced pluripotent stem cells. , 2018, 183, 58-77.		18
31	Generation of the induced pluripotent stem cell line UHOMi001-A from a patient with mutations in CCDC40 gene causing Primary Ciliary Dyskinesia (PCD). Stem Cell Research, 2018, 33, 15-19.	0.3	9
32	Induced Pluripotent Stem Cells for Primary Ciliary Dyskinesia Modeling and Personalized Medicine. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 672-683.	1.4	17
33	Club cell secretory protein serum concentration is a surrogate marker of small-airway involvement in asthmatic patients. Journal of Allergy and Clinical Immunology, 2017, 140, 581-584.	1.5	10
34	Software-assisted Computed Tomography Quantification of Airway Remodeling in the Normal Aging Process. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 540-541.	2.5	1
35	Human bronchial epithelium orchestrates dendritic cell activation in severe asthma. European Respiratory Journal, 2017, 49, 1602399.	3.1	28
36	<scp>LIFE BEYOND LIFE</scp> â€“ An Easy Way to Derive Lung Fibroblasts from Cadavers. Journal of Forensic Sciences, 2017, 62, 1339-1344.	0.9	0

#	Article	IF	Citations
37	The HDAC inhibitor SAHA does not rescue CFTR membrane expression in Cystic Fibrosis. International Journal of Biochemistry and Cell Biology, 2017, 88, 124-132.	1.2	13
38	DNA methylation at modifier genes of lung disease severity is altered in cystic fibrosis. Clinical Epigenetics, 2017, 9, 19.	1.8	29
39	Epithelial ciliated beating cells essential for ex vivo ALI culture growth. BMC Pulmonary Medicine, 2017, 17, 80.	0.8	25
40	CCSP G38A polymorphism environment interactions regulate CCSP levels differentially in COPD. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L696-L703.	1.3	11
41	Rising total costs and mortality rates associated with admissions due to COPD exacerbations. Respiratory Research, 2016, 17, 149.	1.4	27
42	Future treatment for asthma. European Respiratory Review, 2016, 25, 77-92.	3.0	17
43	Rhinovirusâ€associated pulmonary exacerbations show a lack of <scp>FEV</scp>₁ improvement in children with cystic fibrosis. Influenza and Other Respiratory Viruses, 2016, 10, 109-112.	1.5	19
44	Airway lipoxin A4/formyl peptide receptor 2â€“lipoxin receptor levels in pediatric patients with severe asthma. Journal of Allergy and Clinical Immunology, 2016, 137, 1796-1806.	1.5	29
45	Supplementing Defect in Club Cell Secretory Protein Attenuates Airway Inflammation in COPD. Chest, 2015, 147, 1467-1476.	0.4	62
46	Is generalization of exhaled CO assessment in primary care helpful for early diagnosis of COPD?. BMC Pulmonary Medicine, 2015, 15, 44.	0.8	2
47	Persistent severe hypereosinophilic asthma is not associated with airway remodeling. Respiratory Medicine, 2015, 109, 180-187.	1.3	3
48	Computed tomography quantification of airway remodelling in normal ageing subjects: a cross-sectional study. European Respiratory Journal, 2015, 45, 1167-1170.	3.1	15
49	External Validity of Randomized Controlled Trials in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 259-261.	2.5	20
50	Hospitalizations for COPD Exacerbations: Trends and Determinants of Death. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2015, 12, 621-7.	0.7	20
51	Nonlinear Weight and Chronic Obstructive Pulmonary Disease Effect Modeling to Improve Data Fitting. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 870-871.	2.5	0
52	Effectiveness of bacteriophages in the sputum of cystic fibrosis patients. Clinical Microbiology and Infection, 2014, 20, O983-O990.	2.8	58
53	Frequent exacerbators â€“ a distinct phenotype of severe asthma. Clinical and Experimental Allergy, 2014, 44, 212-221.	1.4	132
54	Prognostic value of cluster analysis of severe asthma phenotypes. Journal of Allergy and Clinical Immunology, 2014, 134, 1043-1050.	1.5	60

#	Article	IF	Citations
55	Relationship between CT air trapping criteria and lung function in small airway impairment quantification. BMC Pulmonary Medicine, 2014, 14, 29.	0.8	35
56	Bronchial epithelium as a target for innovative treatments in asthma. , 2013, 140, 290-305.		106
57	Role of comorbid conditions in asthma hospitalizations in the south of France. Allergy: European Journal of Allergy and Clinical Immunology, 2013, 68, 637-643.	2.7	14
58	Distal Airway Impairment in Obese Normoreactive Women. BioMed Research International, 2013, 2013, 1-8.	0.9	6
59	Detection of exacerbations in asthma based on electronic diary data: results from the 1-year prospective BIOAIR study. Thorax, 2013, 68, 611-618.	2.7	34
60	Limited Short-term Steroid Responsiveness Is Associated With Thickening of Bronchial Basement Membrane in Severe Asthma. Chest, 2012, 141, 1504-1511.	0.4	21
61	Resolution of Inflammation in Asthma. Clinics in Chest Medicine, 2012, 33, 559-570.	0.8	46
62	Adherence in severe asthma. Clinical and Experimental Allergy, 2012, 42, 1566-1574.	1.4	43
63	An exÂvivo model of severe asthma using reconstituted human bronchial epithelium. Journal of Allergy and Clinical Immunology, 2012, 129, 1259-1266.e1.	1.5	80
64	Regulation of CXCR/IL-8 in Human Airway Epithelial Cells. International Archives of Allergy and Immunology, 2010, 152, 140-150.	0.9	5
65	Non-Invasive Assessment of Small Airway Remodelling in Smokers. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2010, 7, 102-110.	0.7	18
66	Mild asthma in overweight women: A new phenotype?. Respiratory Medicine, 2010, 104, 1138-1144.	1.3	7
67	Impact of Rhinitis on Asthma Control in Children: Association With FeNO. Journal of Asthma, 2010, 47, 604-608.	0.9	13
68	Thiazolidinediones induce proliferation of human bronchial epithelial cells through the GPR40 receptor. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 296, L970-L978.	1.3	36
69	Upper airway {middle dot} 1: Allergic rhinitis and asthma: united disease through epithelial cells. Thorax, 2009, 64, 999-1004.	2.7	94
70	Masitinib, a câ€kit/PDGF receptor tyrosine kinase inhibitor, improves disease control in severe corticosteroidâ€dependent asthmatics. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 1194-1201.	2.7	133
71	Airway wall structural remodeling from endobronchial biopsies: What does it really mean?. Journal of Allergy and Clinical Immunology, 2009, 123, 711-712.	1.5	3
72	Leptin and leptin receptor expression in asthma. Journal of Allergy and Clinical Immunology, 2009, 124, 230-237.e4.	1.5	107

#	Article	IF	Citations
73	Interference of psychological factors in difficult-to-control asthma. Respiratory Medicine, 2007, 101, 154-161.	1.3	24
74	Synthesis and anti-inflammatory effect of lipoxins in human airway epithelial cells. Biomedicine and Pharmacotherapy, 2007, 61, 261-267.	2.5	38
75	Specificity of basement membrane thickening in severe asthma. Journal of Allergy and Clinical Immunology, 2007, 119, 1367-1374.	1.5	119
76	Near-fatal asthma phenotype in the ENFUMOSA Cohort. Clinical and Experimental Allergy, 2007, 37, 552-557.	1.4	69
77	Severe asthma is associated with a loss of LX4, an endogenous anti-inflammatory compound. Journal of Allergy and Clinical Immunology, 2005, 115, 55-60.	1.5	143
78	Effects of Inhaled Corticosteroids on Pathology in Asthma and Chronic Obstructive Pulmonary Disease. Proceedings of the American Thoracic Society, 2004, 1, 184-190.	3.5	32
79	Inflammatory features of nasal mucosa in smokers with and without COPD. Thorax, 2004, 59, 303-307.	2.7	77
80	High levels of urinary leukotriene E4 excretion in steroid treated patients with severe asthma. Respiratory Medicine, 2003, 97, 1225-1229.	1.3	39
81	The ENFUMOSA cross-sectional European multicentre study of the clinical phenotype of chronic severe asthma. European Respiratory Journal, 2003, 22, 470-477.	3.1	722
82	Glucocorticoid receptor-binding characteristics in severe asthma. European Respiratory Journal, 2003, 21, 985-988.	3.1	15
83	Persistent Activation of Nuclear Factorâ€“Î¹B Signaling Pathway in Severe Uncontrolled Asthma. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 1190-1198.	2.5	157
84	Corticosteroid-induced epithelial shedding in asthma. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 1290-1291.	2.5	3
85	Modulation of Cadherin and Catenins Expression by Tumor Necrosis Factor-Î± and Dexamethasone in Human Bronchial Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2002, 26, 341-347.	1.4	60
86	Lipoxins Are Potential Endogenous Antiinflammatory Mediators in Asthma. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 1531-1535.	2.5	124
87	Eosinophilic inflammation in sputum of poorly controlled asthmatics. European Respiratory Journal, 2002, 20, 1370-1377.	3.1	73
88	15-Lipoxygenase. American Journal of Respiratory Cell and Molecular Biology, 2002, 27, 655-658.	1.4	31
89	Regulation of E-cadherin expression by dexamethasone and tumour necrosis factor-Î± in nasal epithelium. European Respiratory Journal, 2002, 20, 1430-1436.	3.1	29
90	Endogenous Anti-inflammatory Mediators from Arachidonate in Human Neutrophils. Biochemical and Biophysical Research Communications, 2002, 290, 219-224.	1.0	88

#	Article	IF	Citations
91	Rhinosinusitis in severe asthma. Journal of Allergy and Clinical Immunology, 2001, 107, 73-80.	1.5	309
92	Effects of glucocorticoids on endogenous and transcellular metabolism of eicosanoids in asthma. Journal of Allergy and Clinical Immunology, 2001, 107, 824-831.	1.5	15
93	Sputum eosinophilia in Churgâ€“Strauss syndrome. Respiratory Medicine, 2001, 95, 799-801.	1.3	15
94	Disease activated drugs: a new concept for the treatment of asthma. Bioorganic and Medicinal Chemistry, 2001, 9, 1793-1805.	1.4	6
95	Glucocorticoid Receptor Î± and Î² in Glucocorticoid Dependent Asthma. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 7-13.	2.5	163
96	Safety and cellular assessment of bronchial brushing in airway diseases. Respiratory Medicine, 1999, 93, 461-466.	1.3	21
97	Generation of eicosanoids from 15(S)-hydroxyeicosatetraenoic acid in blood monocytes from steroid-dependent asthmatic patients. Biochemical Pharmacology, 1998, 56, 535-541.	2.0	8
98	Glucocorticoid Receptors in Bronchial Epithelial Cells in Asthma. American Journal of Respiratory and Critical Care Medicine, 1998, 158, 963-970.	2.5	57
99	Expression of the High-affinity Receptor for IgE on Bronchial Epithelial Cells of Asthmatics. American Journal of Respiratory Cell and Molecular Biology, 1998, 19, 92-97.	1.4	61
100	Superoxide anion production by monocytes of corticosteroid-treated asthmatic patients. European Respiratory Journal, 1998, 11, 133-138.	3.1	30
101	Cellular protein kinase C activity in asthma.. American Journal of Respiratory and Critical Care Medicine, 1997, 155, 1211-1216.	2.5	9
102	Glucocorticoids induced downâ€regulation of glucocorticoid receptor mRNA expression in asthma. Clinical and Experimental Immunology, 1996, 103, 311-315.	1.1	18
103	5(S),15(S)-dihydroxyeicosatetraenoic acid and lipoxin generation in human polymorphonuclear cells: dual specificity of 5-lipoxygenase towards endogenous and exogenous precursors.. Journal of Experimental Medicine, 1996, 183, 1633-1643.	4.2	73
104	Nonradioactive Quantification of Glucocorticoid Receptor Expression during Differentiation of Human Monocytic Cells (U937). Analytical Biochemistry, 1995, 227, 235-241.	1.1	3
105	Bimodal action of fatty acids on PMA-stimulated O2.â˙ production in human adherent monocytes. Journal of Lipid Mediators and Cell Signalling, 1995, 11, 159-173.	1.0	4
106	5-15-DiHETE and Lipoxins Generated by Neutrophils from Endogenous Arachidonic Acid as Asthma Biomarkers. Biochemical and Biophysical Research Communications, 1995, 207, 273-279.	1.0	32
107	Imaging reactive oxygen species in asthma. Luminescence, 1994, 9, 171-175.	1.3	9
108	IgE produces monocyte superoxide anion release: Correlation with CD23 expression Comparison of patients with asthma, patients with rhinitis, and normal subjects. Journal of Allergy and Clinical Immunology, 1994, 93, 108-116.	1.5	23

#	Article	IF	Citations
109	Enhancement of reactive oxygen species formation in stable and unstable asthmatic patients. European Respiratory Journal, 1994, 7, 1585-1592.	3.1	97
110	Increased Oxygen Species Generation in Blood Monocytes of Asthmatic Patients. The American Review of Respiratory Disease, 1992, 146, 1161-1168.	2.9	102
111	Asthma: treatment and prevention of pulmonary exacerbations. , 0, , 129-146.		0