Andrei Malinovschi

List of Publications by Year in descending order

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139 papers 2,604 citations

279798 23 h-index 254184 43 g-index

141 all docs

141 docs citations

141 times ranked

3584 citing authors

#	Article	IF	CITATIONS
1	Exhaled nitric oxide levels and blood eosinophil counts independently associate with wheeze and asthma events in National Health and Nutrition Examination Survey subjects. Journal of Allergy and Clinical Immunology, 2013, 132, 821-827.e5.	2.9	210
2	Prevalence of exercise-induced bronchoconstriction and exercise-induced laryngeal obstruction in a general adolescent population. Thorax, 2015, 70, 57-63.	5.6	191
3	Linâ^' CD34hi CD117int/hi FcεRI+ cells in human blood constitute a rare population of mast cell progenitors. Blood, 2016, 127, 383-391.	1.4	100
4	A three-generation study on the association of tobacco smoking with asthma. International Journal of Epidemiology, 2018, 47, 1106-1117.	1.9	92
5	Simultaneously increased fraction of exhaled nitric oxide levels and blood eosinophil counts relate to increased asthma morbidity. Journal of Allergy and Clinical Immunology, 2016, 138, 1301-1308.e2.	2.9	80
6	Menopause as a predictor of new-onset asthma: AÂlongitudinal Northern European population study. Journal of Allergy and Clinical Immunology, 2016, 137, 50-57.e6.	2.9	75
7	Bronchodilator reversibility in asthma and COPD: findings from three large population studies. European Respiratory Journal, 2019, 54, 1900561.	6.7	74
8	Population-based study of multiplexed IgE sensitization in relation to asthma, exhaled nitric oxide, and bronchial responsiveness. Journal of Allergy and Clinical Immunology, 2012, 130, 397-402.e2.	2.9	68
9	Severe vitamin D deficiency is associated with frequent exacerbations and hospitalization in COPD patients. Respiratory Research, 2014, 15, 131.	3.6	65
10	Father's environment before conception and asthma risk in his children: a multi-generation analysis of the Respiratory Health In Northern Europe study. International Journal of Epidemiology, 2017, 46, dyw151.	1.9	56
11	Lifelong exposure to air pollution and greenness in relation to asthma, rhinitis and lung function in adulthood. Environment International, 2021, 146, 106219.	10.0	51
12	Determinants of Exhaled Nitric Oxide in Chronic Rhinosinusitis. Chest, 2010, 137, 658-664.	0.8	48
13	Anti-inflammatory Treatment of Atopic Asthma Guided by Exhaled Nitric Oxide: A Randomized, Controlled Trial. Journal of Allergy and Clinical Immunology: in Practice, 2013, 1, 639-648.e8.	3.8	47
14	Evolution of exhaled nitric oxide levels throughout development and aging of healthy humans. Journal of Breath Research, 2015, 9, 036005.	3.0	45
15	lgE sensitisation in relation to flow-independent nitric oxide exchange parameters. Respiratory Research, 2006, 7, 92.	3.6	41
16	The value of exhaled nitric oxide to identify asthma in smoking patients with asthma-like symptoms. Respiratory Medicine, 2012, 106, 794-801.	2.9	35
17	Vital capacity and COPD: the Swedish CArdioPulmonary biolmage Study (SCAPIS). International Journal of COPD, 2016, 11, 927.	2.3	30
18	Agreement in reporting of asthma by parents or offspring – the RHINESSA generation study. BMC Pulmonary Medicine, 2018, 18, 122.	2.0	30

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19	Differential effect of cigarette smoke exposure on exhaled nitric oxide and blood eosinophils in healthy and asthmatic individuals. Journal of Breath Research, 2017, 11, 036006.	3.0	29
20	FeNO as a predictor of asthma control improvement after starting inhaled steroid treatment. Nitric Oxide - Biology and Chemistry, 2014, 40, 110-116.	2.7	28
21	Having concomitant asthma phenotypes is common and independently relates to poor lung function in NHANES 2007–2012. Clinical and Translational Allergy, 2018, 8, 13.	3.2	27
22	Mast cellâ€derived serotonin enhances methacholineâ€induced airway hyperresponsiveness in house dust miteâ€induced experimental asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2057-2069.	5.7	27
23	Asthma and COPD overlap (ACO) is related to a high burden of sleep disturbance and respiratory symptoms: Results from the RHINE and Swedish GA2LEN surveys. PLoS ONE, 2018, 13, e0195055.	2.5	26
24	Natural History of Perceived Food Hypersensitivity and IgE Sensitisation to Food Allergens in a Cohort of Adults. PLoS ONE, 2014, 9, e85333.	2.5	25
25	Effects of Coexisting Asthma and Obstructive Sleep Apnea on Sleep Architecture, Oxygen Saturation, and Systemic Inflammation in Women. Journal of Clinical Sleep Medicine, 2018, 14, 253-259.	2.6	25
26	Exhaled breath condensate nitrates, but not nitrites or FENO, relate to asthma control. Respiratory Medicine, 2011, 105, 1007-1013.	2.9	24
27	Impaired Carbon Monoxide Diffusing Capacity is the Strongest Predictor of Exercise Intolerance in COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2013, 10, 180-185.	1.6	24
28	Application of nitric oxide measurements in clinical conditions beyond asthma. European Clinical Respiratory Journal, 2015, 2, 28517.	1.5	24
29	Change in the prevalence asthma, rhinitis and respiratory symptom over a 20Âyear period: associations to year of birth, life style and sleep related symptoms. BMC Pulmonary Medicine, 2018, 18, 152.	2.0	24
30	Fixed airflow obstruction relates to eosinophil activation in asthmatics. Clinical and Experimental Allergy, 2019, 49, 155-162.	2.9	24
31	Prevalence of exerciseâ€induced bronchoconstriction and laryngeal obstruction in adolescent athletes. Pediatric Pulmonology, 2020, 55, 3509-3516.	2.0	24
32	Associations of Preconception Exposure to Air Pollution and Greenness with Offspring Asthma and Hay Fever. International Journal of Environmental Research and Public Health, 2020, 17, 5828.	2.6	24
33	Effects of Oral Supplementation With Nitrate-Rich Beetroot Juice in Patients With Pulmonary Arterial Hypertension—Results From BEET-PAH, an Exploratory Randomized, Double-Blind, Placebo-Controlled, Crossover Study. Journal of Cardiac Failure, 2018, 24, 640-653.	1.7	22
34	Systemic inflammatory markers in relation to lung function in NHANES. 2007–2010. Respiratory Medicine, 2018, 142, 94-100.	2.9	22
35	Small airways dysfunction: the link between allergic rhinitis and allergic asthma. European Respiratory Journal, 2018, 51, 1701749.	6.7	21
36	2017 Global Initiative for Chronic Obstructive Lung Disease reclassifies half of COPD subjects to lower risk group. International Journal of COPD, 2018, Volume 13, 165-173.	2.3	21

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37	Circulating mast cell progenitors correlate with reduced lung function in allergic asthma. Clinical and Experimental Allergy, 2019, 49, 874-882.	2.9	21
38	Being overweight in childhood, puberty, or early adulthood: Changing asthma risk in the next generation?. Journal of Allergy and Clinical Immunology, 2020, 145, 791-799.e4.	2.9	21
39	Insomnia symptoms and asthma control—Interrelations and importance of comorbidities. Clinical and Experimental Allergy, 2020, 50, 170-177.	2.9	21
40	Maternal preconception occupational exposure to cleaning products and disinfectants and offspring asthma. Journal of Allergy and Clinical Immunology, 2022, 149, 422-431.e5.	2.9	21
41	Systemic and breath biomarkers for asthma: an update. Current Opinion in Allergy and Clinical Immunology, 2020, 20, 71-79.	2.3	20
42	The coexistence of asthma and COPD: risk factors, clinical history and lung function trajectories. European Respiratory Journal, 2021, 58, 2004656.	6.7	20
43	Chronic Rhinosinusitis Impairs Sleep Quality: Results of the GA ² LEN Study. Sleep, 2016, 40, .	1.1	19
44	The impact of body mass index, central obesity and physical activity on lung function: results of the EpiHealth study. ERJ Open Research, 2020, 6, 00214-2020.	2.6	19
45	Prenatal and prepubertal exposures to tobacco smoke in men may cause lower lung function in future offspring: a three-generation study using a causal modelling approach. European Respiratory Journal, 2021, 58, 2002791.	6.7	19
46	Basal and induced NO formation in the pharyngo-oral tract influences estimates of alveolar NO levels. Journal of Applied Physiology, 2009, 106, 513-519.	2.5	18
47	Asthma and treatment with inhaled corticosteroids: associations with hospitalisations with pneumonia. BMC Pulmonary Medicine, 2019, 19, 254.	2.0	18
48	Pharmacological treatment of asthma in a cohort of adults during a 20-year period: results from the European Community Respiratory Health Survey I, II and III. ERJ Open Research, 2019, 5, 00073-2018.	2.6	17
49	<p>Impact of Comorbidities and Commonly Used Drugs on Mortality in COPD – Real-World Data from a Primary Care Setting</p> . International Journal of COPD, 2020, Volume 15, 235-245.	2.3	17
50	A prospective study on the role of smoking, environmental tobacco smoke, indoor painting and living in old or new buildings on asthma, rhinitis and respiratory symptoms. Environmental Research, 2021, 192, 110269.	7.5	17
51	Prevalence, progression and impact of chronic cough on employment in Northern Europe. European Respiratory Journal, 2021, 57, 2003344.	6.7	17
52	Increased plasma and salivary nitrite and decreased bronchial contribution to exhaled NO in pulmonary arterial hypertension. European Journal of Clinical Investigation, 2011, 41, 889-897.	3.4	16
53	Exercise test using dry air in random adolescents: Temporal profile and predictors of bronchoconstriction. Respirology, 2016, 21, 289-296.	2.3	15
54	Agreement of offspring-reported parental smoking status: the RHINESSA generation study. BMC Public Health, 2019, 19, 94.	2.9	15

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55	Pulmonary function in children and adolescents after esophageal atresia repair. Pediatric Pulmonology, 2020, 55, 206-213.	2.0	15
56	Parental occupational exposure pre- and post-conception and development of asthma in offspring. International Journal of Epidemiology, 2021, 49, 1856-1869.	1.9	15
57	Patterns and predictors of sick leave among Swedish non-hospitalized healthcare and residential care workers with Covid-19 during the early phase of the pandemic. PLoS ONE, 2021, 16, e0260652.	2.5	15
58	Different patterns of exhaled nitric oxide response to \hat{l}^2 2-agonists in asthmatic patients according to the site of bronchodilation. Journal of Allergy and Clinical Immunology, 2016, 137, 806-812.	2.9	14
59	Multimorbidity in asthma, association with allergy, inflammatory markers and symptom burden, results from the Swedish GA ² LEN study. Clinical and Experimental Allergy, 2021, 51, 262-272.	2.9	14
60	The relationship between exercise induced bronchial obstruction and health related quality of life in female and male adolescents from a general population. BMC Pulmonary Medicine, 2016, 16, 63.	2.0	13
61	Excessive daytime sleepiness in asthma: What are the risk factors?. Journal of Asthma, 2018, 55, 844-850.	1.7	12
62	Increased prevalence of exercise-induced airway symptoms – A five-year follow-up from adolescence to young adulthood. Respiratory Medicine, 2019, 154, 76-81.	2.9	12
63	<p>A Cross-Sectional Study Assessing Appropriateness Of Inhaled Corticosteroid Treatment In Primary And Secondary Care Patients With COPD In Sweden</p> . International Journal of COPD, 2019, Volume 14, 2451-2460.	2.3	12
64	Parents' smoking onset before conception as related to body mass index and fat mass in adult offspring: Findings from the RHINESSA generation study. PLoS ONE, 2020, 15, e0235632.	2.5	12
65	New data analysis in a population study raises the hypothesis that particle size contributes to the pro-asthmatic potential of small pet animal allergens. Upsala Journal of Medical Sciences, 2016, 121, 25-32.	0.9	11
66	Restrictive spirometric pattern and true pulmonary restriction in a general population sample aged 50 - 64 years. BMC Pulmonary Medicine, 2020, 20, 55.	2.0	11
67	Association between proteomics and obstructive sleep apnea phenotypes in a communityâ€based cohort of women. Journal of Sleep Research, 2020, 29, e13041.	3.2	11
68	Data-driven questionnaire-based cluster analysis of asthma in Swedish adults. Npj Primary Care Respiratory Medicine, 2020, 30, 14.	2.6	11
69	High levels of physical activity are associated with poorer asthma control in young females but not in males. Respirology, 2016, 21, 79-87.	2.3	10
70	Study of atopic multimorbidity in subjects with rhinitis using multiplex allergen component analysis. Clinical and Translational Allergy, 2020, 10, 6.	3.2	10
71	Sleep time and sleep-related symptoms across two generations – results of the community-based RHINE and RHINESSA studies. Sleep Medicine, 2020, 69, 8-13.	1.6	10
72	The ratio FEV ₁ /FVC and its association to respiratory symptomsâ€"A Swedish general population study. Clinical Physiology and Functional Imaging, 2021, 41, 181-191.	1.2	10

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73	New method for singleâ€breath fraction of exhaled nitric oxide measurement with improved feasibility in preschool children with asthma. Pediatric Allergy and Immunology, 2015, 26, 662-667.	2.6	9
74	Exhaled NO reference limits in a large population-based sample using the Lambda-Mu-Sigma method. Journal of Applied Physiology, 2018, 125, 1620-1626.	2.5	9
75	Comparison of hypothesis- and data-driven asthma phenotypes in NHANES 2007–2012: the importance of comprehensive data availability. Clinical and Translational Allergy, 2019, 9, 17.	3.2	9
76	Blood eosinophil level and lung function trajectories: cross-sectional and longitudinal studies in European cohorts. ERJ Open Research, 2020, 6, 00320-2020.	2.6	9
77	Sensitization to storage proteins in peanut and hazelnut is associated with higher levels of inflammatory markers in asthma. Clinical and Molecular Allergy, 2020, 18, 11.	1.8	9
78	Bronchodilator response in FOT parameters in middle-aged adults from SCAPIS: normal values and relationship to asthma and wheezing. European Respiratory Journal, 2021, 58, 2100229.	6.7	9
79	Assessment of Global Lung Function Initiative (GLI) reference equations for diffusing capacity in relation to respiratory burden in the Swedish CArdioPulmonary bioImage Study (SCAPIS). European Respiratory Journal, 2020, 56, 1901995.	6.7	9
80	Upper airway and skin symptoms in allergic and non-allergic asthma: Results from the Swedish GA ² LEN study. Journal of Asthma, 2018, 55, 275-283.	1.7	8
81	Measures of lung function and their relationship with advanced glycation end-products. ERJ Open Research, 2020, 6, 00356-2019.	2.6	8
82	An Emerging Role for Exhaled Nitric Oxide in Guiding Biological Treatment in Severe Asthma. Current Medicinal Chemistry, 2020, 27, 7159-7167.	2.4	8
83	ECG pathology and its association with death in critically ill COVID-19 patients, a cohort study. PLoS ONE, 2021, 16, e0261315.	2.5	8
84	Perceived Food Hypersensitivity Relates to Poor Asthma Control and Quality of Life in Young Non-Atopic Asthmatics. PLoS ONE, 2015, 10, e0124675.	2.5	7
85	Asthma and selective migration from farming environments in a three-generation cohort study. European Journal of Epidemiology, 2019, 34, 601-609.	5.7	7
86	Critical inhaler technique errors in Swedish patients with COPD: a cross-sectional study analysing video-recorded demonstrations. Npj Primary Care Respiratory Medicine, 2021, 31, 5.	2.6	7
87	Bronchodilator response and lung function decline: Associations with exhaled nitric oxide with regard to sex and smoking status. World Allergy Organization Journal, 2021, 14, 100544.	3.5	7
88	lgE cross-linking induces activation of human and mouse mast cell progenitors. Journal of Allergy and Clinical Immunology, 2022, 149, 1458-1463.	2.9	7
89	Exercise capacity in young adults after hematopoietic cell transplantation in childhood. American Journal of Transplantation, 2018, 18, 417-423.	4.7	6
90	Snoring and nocturnal reflux: association with lung function decline and respiratory symptoms. ERJ Open Research, 2019, 5, 00010-2019.	2.6	6

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91	Relationship between longitudinal changes in typeâ€2 inflammation, immunoglobulin E sensitization, and clinical outcomes in young asthmatics. Clinical and Translational Allergy, 2021, 11, e12066.	3.2	6
92	The risk of respiratory tract infections and antibiotic use in a general population and among people with asthma. ERJ Open Research, 2021, 7, 00429-2021.	2.6	6
93	Neutrophil-to-lymphocyte ratio, blood eosinophils and COPD exacerbations: a cohort study. ERJ Open Research, 2021, 7, 00471-2021.	2.6	6
94	Premature menopause and autoimmune primary ovarian insufficiency in two international multi-center cohorts. Endocrine Connections, 2022, 11 , .	1.9	6
95	Parallel reductions of IgE and exhaled nitric oxide after optimized antiâ€inflammatory asthma treatment. Immunity, Inflammation and Disease, 2016, 4, 182-190.	2.7	5
96	Atopy Modifies the Association Between Inhaled Corticosteroid Use and Lung Function Decline in Patients with Asthma. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 980-988.e10.	3.8	5
97	Chronic airflow limitation and its relation to respiratory symptoms among ever-smokers and never-smokers: a cross-sectional study. BMJ Open Respiratory Research, 2020, 7, e000600.	3.0	5
98	Concurrence of elevated FeNO and airway hyperresponsiveness in nonasthmatic adolescents. Pediatric Pulmonology, 2020, 55, 571-579.	2.0	5
99	The influence of individual characteristics and nonâ€respiratory diseases on blood eosinophil count. Clinical and Translational Allergy, 2021, 11, e12036.	3.2	5
100	Importance of type and degree of IgE sensitisation for defining fractional exhaled nitric oxide reference values. Respiratory Medicine, 2021, 188, 106621.	2.9	5
101	Cohort profile: the multigeneration Respiratory Health in Northern Europe, Spain and Australia (RHINESSA) cohort. BMJ Open, 2022, 12, e059434.	1.9	5
102	Measuring breathing patterns and respiratory movements with the respiratory movement measuring instrument. Clinical Physiology and Functional Imaging, 2016, 36, 414-420.	1.2	4
103	Closing volume detection by single-breath gas washout and forced oscillation technique. Journal of Applied Physiology, 2021, 130, 903-913.	2.5	4
104	Breathlessness across generations: results from the RHINESSA generation study. Thorax, 2022, 77, 172-177.	5.6	4
105	Proteomic profiling of peripheral blood and bronchoalveolar lavage fluid in interstitial lung diseases: an explorative study. ERJ Open Research, 2021, 7, 00489-2020.	2.6	4
106	Fractional exhaled nitric oxide levels in relation to workâ€related respiratory burden and sensitization to wheat flour and multigrain in bakers. Clinical and Translational Allergy, 2021, 11, e12018.	3.2	4
107	Inflammatory patterns in fixed airflow obstruction are dependent on the presence of asthma. PLoS ONE, 2020, 15, e0243109.	2.5	4
108	Parental Prepuberty Overweight and Offspring Lung Function. Nutrients, 2022, 14, 1506.	4.1	4

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109	MAIT cell counts are associated with the risk of hospitalization in COPD. Respiratory Research, 2022, 23, 127.	3.6	4
110	Tryptase reference values in a Swedish middleâ€øged general population and association with diabetes mellitus. Clinical and Experimental Allergy, 2022, 52, 1330-1333.	2.9	4
111	Bronchial Responsiveness Is Related to Increased Exhaled NO (FENO) in Non-Smokers and Decreased FENO in Smokers. PLoS ONE, 2012, 7, e35725.	2.5	3
112	Personalized Approach to Severe Asthma. BioMed Research International, 2018, 2018, 1-2.	1.9	3
113	Higher alveolar nitric oxide in COPD is related to poorer physical capacity and lower oxygen saturation after physical testing. European Respiratory Journal, 2019, 54, 1900263.	6.7	3
114	Subjective swallowing symptoms and related risk factors in COPD. ERJ Open Research, 2019, 5, 00081-2019.	2.6	3
115	Different baseline characteristics are associated with incident wheeze in female and male adolescents. Acta Paediatrica, International Journal of Paediatrics, 2020, 109, 2324-2331.	1.5	3
116	Asthma in combination with rhinitis and eczema is associated with a higher degree of typeâ€2 inflammation and symptom burden than asthma alone. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3827-3829.	5.7	3
117	Selfâ€reported exerciseâ€induced dyspnea and airways obstruction assessed by oscillometry and spirometry in adolescents. Pediatric Allergy and Immunology, 2022, 33, e13702.	2.6	3
118	Changes in critical inhaler technique errors in inhaled COPD treatment – A one-year follow-up study in Sweden. Respiratory Medicine, 2022, 197, 106849.	2.9	3
119	Nasal nitric oxide in relation to asthma characteristics in a longitudinal asthma cohort study. Nitric Oxide - Biology and Chemistry, 2021, 106, 1-8.	2.7	2
120	Increased expression of ILâ€33 is found in the lower airways of patients with seasonal allergic rhinitis and is not related to natural allergen exposure. Clinical and Experimental Allergy, 2021, 51, 845-848.	2.9	2
121	Reliability of external impulse oscillometry reference values for assessing respiratory health in Swedish adults. Clinical and Experimental Allergy, 2022, 52, 355-358.	2.9	2
122	Testing bronchodilator responsiveness. European Respiratory Journal, 2019, 54, 1902104.	6.7	1
123	Exhaled nitric oxide and its predictive power related to lung function and bronchial inflammation. Biochemical Pharmacology, 2020, 179, 114101.	4.4	1
124	Limited use of biomarker-guided therapy in mild asthma. Lancet Respiratory Medicine, the, 2020, 8, 648-649.	10.7	1
125	Lung function in relation to six-minute walk test in pulmonary hypertension. European Clinical Respiratory Journal, 2020, 7, 1745492.	1.5	1
126	A low FEV1 confounds interpretation of FeNO as an eligibility criterion for dupilumab. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 615-616.e1.	3.8	1

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127	Crossâ€sectional study on exhaled nitric oxide in relation to upper airway inflammatory disorders with regard to asthma and perennial sensitisation. Clinical and Experimental Allergy, 2021, , .	2.9	1
128	Predictors of histopathological esophagitis in infants and adolescents with esophageal atresia within a national follow-up programme. PLoS ONE, 2022, 17, e0266995.	2.5	1
129	Exploring the sites and kinetics of bronchodilator response to $\langle b \rangle \hat{l}^2 \langle b \rangle$ -2 agonists in asthma. Journal of Applied Physiology, 2021, 130, 1106-1113.	2.5	O
130	The course of specific self-reported exercise-induced airway symptoms in adolescents with and without asthma. ERJ Open Research, 2020, 6, 00349-2020.	2.6	0
131	Göran Hedenstierna (1941–2021). Clinical Physiology and Functional Imaging, 2022, 42, 146-147.	1.2	O
132	Title is missing!. , 2020, 15, e0235632.		0
133	Title is missing!. , 2020, 15, e0235632.		O
134	Title is missing!. , 2020, 15, e0235632.		0
135	Title is missing!. , 2020, 15, e0235632.		O
136	Inflammatory patterns in fixed airflow obstruction are dependent on the presence of asthma., 2020, 15, e0243109.		0
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138	Inflammatory patterns in fixed airflow obstruction are dependent on the presence of asthma., 2020, 15, e0243109.		0
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