

# Davor Plavec

## List of Publications by Year in descending order

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Version: 2024-02-01

112  
papers

2,513  
citations

236925

25  
h-index

223800

46  
g-index

116  
all docs

116  
docs citations

116  
times ranked

3671  
citing authors

#	ARTICLE	IF	CITATIONS
1	MACVIA-ARIA Sentinel Network for allergic rhinitis (MASK-rhinitis): the new generation guideline implementation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 1372-1392.	5.7	160
2	Integrated care pathways for airway diseases (AIRWAYS-ICPs). <i>European Respiratory Journal</i> , 2014, 44, 304-323.	6.7	154
3	MACVIA clinical decision algorithm in adolescents and adults with allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 367-374.e2.	2.9	128
4	ARIA 2016: Care pathways implementing emerging technologies for predictive medicine in rhinitis and asthma across the life cycle. <i>Clinical and Translational Allergy</i> , 2016, 6, 47.	3.2	121
5	Prevalence of Vertigo, Dizziness, and Migrainous Vertigo in Patients With Migraine. <i>Headache</i> , 2007, 47, 1427-1435.	3.9	114
6	Intranasal corticosteroids in allergic rhinitis in COVID-19 infected patients: An ARIA-EAACI statement. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2440-2444.	5.7	114
7	Allergic Rhinitis and its Impact on Asthma (ARIA) Phase 4 (2018): Change management in allergic rhinitis and asthma multimorbidity using mobile technology. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 864-879.	2.9	103
8	Next-generation ARIA care pathways for rhinitis and asthma: a model for multimorbid chronic diseases. <i>Clinical and Translational Allergy</i> , 2019, 9, 44.	3.2	87
9	Cabbage and fermented vegetables: From death rate heterogeneity in countries to candidates for mitigation strategies of severe COVID-19. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 735-750.	5.7	83
10	Guidance to 2018 good practice: ARIA digitally-enabled, integrated, person-centred care for rhinitis and asthma. <i>Clinical and Translational Allergy</i> , 2019, 9, 16.	3.2	81
11	Adherence to treatment in allergic rhinitis using mobile technology. The MASK Study. <i>Clinical and Experimental Allergy</i> , 2019, 49, 442-460.	2.9	73
12	Nrf2-interacting nutrients and COVID-19: time for research to develop adaptation strategies. <i>Clinical and Translational Allergy</i> , 2020, 10, 58.	3.2	56
13	Validation of a multi-sensor activity monitor for assessing sleep in children and adolescents. <i>Sleep Medicine</i> , 2013, 14, 201-205.	1.6	55
14	ARIA pharmacy 2018 – Allergic rhinitis care pathways for community pharmacy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1219-1236.	5.7	52
15	Quantitative assessment of color vision impairment in workers exposed to toluene. , 1998, 33, 297-304.		47
16	Efficacy and safety of <i>Astragalus membranaceus</i> in the treatment of patients with seasonal allergic rhinitis. <i>Phytotherapy Research</i> , 2010, 24, 175-181.	5.8	47
17	Scaling up strategies of the chronic respiratory disease programme of the European Innovation Partnership on Active and Healthy Ageing (Action Plan B3: Area 5). <i>Clinical and Translational Allergy</i> , 2016, 6, 29.	3.2	47
18	Building bridges for innovation in ageing: Synergies between action groups of the EIP on AHA. <i>Journal of Nutrition, Health and Aging</i> , 2017, 21, 92-104.	3.3	47

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19	ARIA digital anamorphosis: Digital transformation of health and care in airway diseases from research to practice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 168-190.	5.7	46
20	Safety and tolerability of bilastine 10 mg administered for 12 weeks in children with allergic diseases. <i>Pediatric Allergy and Immunology</i> , 2016, 27, 493-498.	2.6	38
21	Qualitative color vision impairment in toluene-exposed workers. <i>International Archives of Occupational and Environmental Health</i> , 1998, 71, 194-200.	2.3	36
22	Detection of testosterone esters in blood. <i>Drug Testing and Analysis</i> , 2015, 7, 983-989.	2.6	36
23	Effect of educational programs on asthma control and quality of life in adult asthma patients. <i>Patient Education and Counseling</i> , 2005, 58, 47-54.	2.2	34
24	Effects of allergic diseases and age on the composition of serum IgG glycome in children. <i>Scientific Reports</i> , 2016, 6, 33198.	3.3	34
25	Prevalence of Migraine, Probable Migraine and Tension-Type Headache in the Croatian Population. <i>Neuroepidemiology</i> , 2010, 35, 59-65.	2.3	33
26	Differentiation of COVID-19 signs and symptoms from allergic rhinitis and common cold: An ARIA-AAACI-GA <sup>2</sup> LEN consensus. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2354-2366.	5.7	31
27	Current opinions for the management of asthma associated with ear, nose and throat comorbidities. <i>European Respiratory Review</i> , 2018, 27, 180056.	7.1	30
28	Markers of Systemic and Lung Inflammation in Childhood Asthma. <i>Journal of Asthma</i> , 2009, 46, 822-828.	1.7	26
29	Nonspecific nasal responsiveness in workers occupationally exposed to respiratory irritants. <i>American Journal of Industrial Medicine</i> , 1993, 24, 525-532.	2.1	25
30	ARIA-AAACI care pathways for allergen immunotherapy in respiratory allergy. <i>Clinical and Translational Allergy</i> , 2021, 11, e12014.	3.2	24
31	Differences in mite fauna between the continental and Mediterranean climates of Croatia: microscopy and Dustscreen <sup>TM</sup> test findings. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2003, 58, 780-783.	5.7	23
32	Differences in Reporting the Ragweed Pollen Season Using Google Trends across 15 Countries. <i>International Archives of Allergy and Immunology</i> , 2018, 176, 181-188.	2.1	23
33	The added value of exhaled breath temperature in respiratory medicine. <i>Journal of Breath Research</i> , 2017, 11, 034001.	3.0	20
34	Eight weeks of omeprazole 20 mg significantly reduces both laryngopharyngeal reflux and comorbid chronic rhinosinusitis signs and symptoms: Randomised, double-blind, placebo-controlled trial. <i>Clinical Otolaryngology</i> , 2018, 43, 496-501.	1.2	20
35	Assessment of colour vision impairment in male workers exposed to toluene generally above occupational exposure limits. <i>Occupational Medicine</i> , 1998, 48, 175-180.	1.4	19
36	Diagnostic accuracy of a pocket screening spirometer in diagnosing chronic obstructive pulmonary disease in general practice: a cross sectional validation study using tertiary care as a reference. <i>BMC Family Practice</i> , 2016, 17, 112.	2.9	19

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37	Early detection of COPD patients in GOLD 0 population: an observational non-interventional cohort study - MARKO study. <i>BMC Pulmonary Medicine</i> , 2017, 17, 36.	2.0	19
38	Ragweed pollen and allergic symptoms in children: Results from a three-year longitudinal study. <i>Science of the Total Environment</i> , 2019, 683, 240-248.	8.0	18
39	What is safe enough - asthma in pregnancy - a review of current literature and recommendations. <i>Asthma Research and Practice</i> , 2018, 4, 11.	2.4	17
40	Management of anaphylaxis due to COVID-19 vaccines in the elderly. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2952-2964.	5.7	16
41	Serial interferon- $\gamma$ release assay in children with latent tuberculosis infection and children with tuberculosis. <i>Pediatric Pulmonology</i> , 2012, 47, 401-408.	2.0	15
42	Prevalence and clinical characteristics of headache in adolescents: A Croatian epidemiological study. <i>Cephalalgia</i> , 2014, 34, 289-297.	3.9	15
43	Mood disorders in adult asthma phenotypes. <i>Journal of Asthma</i> , 2018, 55, 57-65.	1.7	15
44	Is iron deficiency anemia related to menstrual migraine? Post hoc analysis of an observational study evaluating clinical characteristics of patients with menstrual migraine. <i>Acta Clinica Croatica</i> , 2010, 49, 389-94.	0.2	14
45	Inspiratory muscle strength affects anaerobic endurance in professional athletes. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2019, 70, 42-48.	0.7	13
46	Stairs Climbing Test with Pulse Oximetry as Predictor of Early Postoperative Complications in Functionally Impaired Patients with Lung Cancer and Elective Lung Surgery: Prospective Trial of Consecutive Series of Patients. <i>Croatian Medical Journal</i> , 2008, 49, 50-57.	0.7	13
47	Allergen-Specific IgE Measurement: Intermethod Comparison of Two Assay Systems in Diagnosing Clinical Allergy. <i>Journal of Clinical Laboratory Analysis</i> , 2017, 31, .	2.1	12
48	The effects of physical activity on chronic subclinical systemic inflammation. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2017, 68, 276-286.	0.7	12
49	Secular birth weight changes in liveborn infants before, during, and after 1991-1995 homeland war in Croatia. <i>Croatian Medical Journal</i> , 2006, 47, 452-8.	0.7	12
50	Exhaled Breath Temperature as a Novel Marker of Future Development of COPD: Results of a Follow-Up Study in Smokers. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2016, 13, 741-749.	1.6	10
51	The 3 mm skin prick test (SPT) threshold criterion is not reliable for <i>Tyrophagus putrescentiae</i> : the re-evaluation of SPT criterion to dust mites. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2002, 57, 1187-1190.	5.7	9
52	Treatment of migraine and tension-type headache in Croatia. <i>Journal of Headache and Pain</i> , 2010, 11, 227-234.	6.0	9
53	Urates in exhaled breath condensate as a biomarker of control in childhood asthma. <i>Journal of Asthma</i> , 2015, 52, 437-446.	1.7	9
54	Multivariate analysis of preoperative and postoperative neutrophil-to-lymphocyte ratio as an indicator of head and neck squamous cell carcinoma outcome. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2018, 47, 965-970.	1.5	9

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55	Changing pattern of sensitization in Croatia to aeroallergens in adult population referring to allergy clinic during a period of 15 years. <i>Collegium Antropologicum</i> , 2011, 35, 529-36.	0.2	9
56	Increased frequency of micronuclei in mononucleated lymphocytes and cytome analysis in healthy newborns as an early warning biomarkers of possible future health risks. <i>Reproductive Toxicology</i> , 2013, 42, 110-115.	2.9	8
57	Prevalence of Chronic Headache in Croatia. <i>BioMed Research International</i> , 2013, 2013, 1-5.	1.9	8
58	The effect of mouth breathing on exercise induced fall in lung function in children with allergic asthma and rhinitis. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2016, 86, 53-56.	1.0	8
59	Long-term predictors of anxiety and depression in adult patients with asthma. <i>Wiener Klinische Wochenschrift</i> , 2017, 129, 665-673.	1.9	8
60	Intraregional differences in asthma prevalence and risk factors for asthma among adolescents in Split-Dalmatia County, Croatia. <i>Medical Science Monitor</i> , 2012, 18, PH43-PH50.	1.1	8
61	Exposure levels and skin reactivity to German cockroach ( <i>Blattella germanica</i> ) in Croatia. <i>Croatian Medical Journal</i> , 2003, 44, 756-60.	0.7	8
62	Normal Variation of Bronchial Reactivity in Nonasthmatics is Associated with the Level of Mite-Specific IgE. <i>Journal of Asthma</i> , 2008, 45, 273-277.	1.7	7
63	Modifiable Risk Factors for Common Ragweed ( <i>Ambrosia artemisiifolia</i> ) Allergy and Disease in Children: A Case-Control Study. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1339.	2.6	7
64	Airway obstruction is associated with reduced variability in specific parts of the tidal breathing flow-volume curve in young children. <i>ERJ Open Research</i> , 2019, 5, 00028-2019.	2.6	7
65	Medical devices in allergy practice. <i>World Allergy Organization Journal</i> , 2020, 13, 100466.	3.5	7
66	Modified method of nonspecific nasal provocation with histamine for routine use. <i>Annals of Allergy</i> , 1994, 72, 321-8.	0.5	7
67	Diagnostic value of a pattern of exhaled breath condensate biomarkers in asthmatic children. <i>Allergologia Et Immunopathologia</i> , 2017, 45, 2-10.	1.7	6
68	Association of bacterial load in drinking water and allergic diseases in childhood. <i>Clinical and Experimental Allergy</i> , 2020, 50, 733-740.	2.9	6
69	Beliefs and preferences regarding biological treatments for severe asthma. <i>World Allergy Organization Journal</i> , 2020, 13, 100441.	3.5	6
70	Prevalence of and risk factors for the development of atopic dermatitis in schoolchildren aged 12-14 in northwest Croatia. <i>Allergologia Et Immunopathologia</i> , 2014, 42, 142-148.	1.7	5
71	Lack of Correlation between Nonspecific Nasal and Bronchial Reactivity in Allergic Rhinitis Subjects. <i>Lung</i> , 1999, 177, 169-177.	3.3	4
72	Nasal challenge with histamine decreases nonspecific bronchial reactivity in workers exposed to respiratory irritants. , 1999, 35, 420-425.		4

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73	The effect of gas standardisation on exhaled breath condensate pH and PCO <sub>2</sub> . <i>European Respiratory Journal</i> , 2007, 30, 185-187.	6.7	4
74	Markers of Systemic and Lung Inflammation in Childhood Asthma. <i>Journal of Asthma</i> , 2009, 46, 822-828.	1.7	4
75	Gender differences in cadmium and cotinine levels in prepubertal children. <i>Environmental Research</i> , 2015, 141, 125-131.	7.5	4
76	Micronucleus, cell-free DNA, and plasma glycan composition in the newborns of healthy and diabetic mothers. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2017, 815, 6-15.	1.7	4
77	Sources of variability in expiratory flow profiles during sleep in healthy young children. <i>Respiratory Physiology and Neurobiology</i> , 2020, 274, 103352.	1.6	4
78	Expiratory variability index (EVI) is associated with the severity of acute bronchial obstruction in small children: A proof-of-concept study. <i>Pediatric Allergy and Immunology</i> , 2020, 31, 636-642.	2.6	4
79	Sensitization profile in differential diagnosis: Allergic asthma vs. chronic (nonspecific) cough syndrome. <i>Medical Science Monitor</i> , 2013, 19, 409-415.	1.1	4
80	Lung diffusion capacity in children with respiratory symptoms and untreated GERD. <i>Medical Science Monitor</i> , 2014, 20, 774-781.	1.1	4
81	Development and the initial validation of a new self-administered questionnaire for an early detection of health status changes in smokers at risk for chronic obstructive pulmonary disease (MARKO) Tj ETQq1 1 0.7843 b47rgBT /Overlock		
82	Inhaled corticosteroids used for the control of asthma in a "real-life" setting do not affect linear growth velocity in prepubertal children. <i>Medical Science Monitor</i> , 2012, 18, CR564-CR568.	1.1	3
83	Household chemicals—common cause of unintentional poisoning. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2000, 51, 401-7.	0.7	3
84	Endotoxin measurement in house dust using the end-point Limulus amoebocyte lysate method. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2004, 55, 175-81.	0.7	3
85	Risk of acute bronchospasm and bronchial hyperreactivity from inhaled acid aerosol in healthy subjects: randomized, double-blind controlled trial. <i>Croatian Medical Journal</i> , 2004, 45, 709-14.	0.7	3
86	GINA guidelines in Croatia. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2002, 57, 556-557.	5.7	2
87	Predictors of short-term LAMA ineffectiveness in treatment naïve patients with moderate to severe COPD. <i>Wiener Klinische Wochenschrift</i> , 2018, 130, 247-258.	1.9	2
88	Fraction of air coming from conductive airways has the negative balance in heat dissipation after maximal effort exercise—a physiological basis for exercise-induced bronchoconstriction. <i>Journal of Breath Research</i> , 2019, 13, 046011.	3.0	2
89	Effect of pulmonary rehabilitation in an allergen safe outdoor environment on children and adolescents with mild to moderate persistent allergic asthma. <i>Journal of Asthma</i> , 2020, 58, 1-7.	1.7	2
90	Telmisartan in daily clinical practice. <i>Journal of Postgraduate Medicine</i> , 2009, 55, 27-32.	0.4	2

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91	Dynamics of exhaled breath temperature after smoking a cigarette and its association with lung function changes predictive of COPD risk in smokers: a cross-sectional study. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2019, 70, 123-129.	0.7	2
92	Decreased risk for atopic disorder associated with highly hyperreactive tuberculin skin test reaction in children and adolescents. <i>Pediatric Pulmonology</i> , 2009, 44, 701-705.	2.0	1
93	Non-invasive assessment of cerebral blood flow changes during complex activation. <i>Translational Neuroscience</i> , 2012, 3, .	1.4	1
94	&lt;p&gt;Third-Day Oxygenation Index is an Excellent Predictor of Survival in Children Mechanically Ventilated for Acute Respiratory Distress Syndrome&lt;/p&gt;. <i>Risk Management and Healthcare Policy</i> , 2020, Volume 13, 1739-1746.	2.5	1
95	Exercise and allergic diseases. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2004, 55, 197-204.	0.7	1
96	Non-specific nasal and bronchial reactivity are not correlated in non-asthmatic subjects occupationally exposed to irritants and in healthy subjects. , 1999, 35, 426-431.		0
97	"Inferiority Complex" for a Reason. <i>Pediatrics</i> , 2006, 117, 588-590.	2.1	0
98	IGFBP-2 expression, angiogenesis and pseudopalisades in glioblastoma. <i>Translational Neuroscience</i> , 2011, 2, .	1.4	0
99	Feasibility of transcranial Doppler and single photon emission computed tomography in compound neuroactivation task. <i>Acta Neurologica Belgica</i> , 2013, 113, 303-311.	1.1	0
100	Exhaled breath temperature as a possible early marker in smokers at risk for COPD (MARKO study). , 2015, , .		0
101	Risk for asthma is associated with higher BMI, but not with obesity?. , 2015, , .		0
102	A follow-up study (MARKO) supports the need to change the diagnostic criteria for COPD. , 2016, , .		0
103	Dynamics of exhaled breath temperature (EBT) after a smoked cigarette. , 2016, , .		0
104	Predicting future development of COPD (MARKO study). , 2017, , .		0
105	Late Breaking Abstract - Tidal breathing variability during sleep is a sensitive marker of disease control in small children with recurrent wheeze. , 2018, , .		0
106	Airways inflammation in healthy individuals induced by traffic pollution can be sensed by fractional exhaled breath temperature (fEBT). , 2019, , .		0
107	Late Breaking Abstract - Expiratory variability index (EVI) in young children during asthma exacerbation. , 2019, , .		0
108	Changes in exhaled breath temperature after physical exercise, measured by a fractioning device. , 2019, , .		0

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109	Effects of hospital consolidation in Croatia assessed by safety attitudes questionnaire 2006 short form. <i>Ekonomski Pregled</i> , 2020, 71, 55-66.	0.2	0
110	Latentna tuberkulozna infekcija u zdravstvenih radnika povezana je s alergijama i senzibilizacijom na uobičajene inhalacijske alergene. <i>Collegium Antropologicum</i> , 2020, 44, 127-132.	0.2	0
111	The changing pattern of poisoning with psychoactive drugs in Croatia. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2000, 51, 381-7.	0.7	0
112	Results of clinical-toxicological assessments performed in the Poison Control Centre in Zagreb over a 10-year period. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2004, 55, 269-72.	0.7	0