

# CITATION REPORT

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Metabolomics pilot study to identify volatile organic compound markers of childhood asthma in exhaled breath

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#	Paper	IF	Citations
63	Studies on Respiratory Disorders. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , <b>2014</b> ,		1
62	Metabolomics of asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 133, 1497-9, 1499.e1	11.5	8
61	Breathomics in lung disease. <i>Chest</i> , <b>2015</b> , 147, 224-231	5.3	125
60	The metabolomics of asthma control: a promising link between genetics and disease. <i>Immunity, Inflammation and Disease</i> , <b>2015</b> , 3, 224-38	2.4	57
59	Review article: breath analysis in inflammatory bowel diseases. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2015</b> , 41, 329-41	6.1	43
58	Asthma Metabolomics: The Missing Step for Translating Bench Work into the Clinic. <i>Journal of Pulmonary &amp; Respiratory Medicine</i> , <b>2015</b> , 05,	0	
57	Metabolomics for laboratory diagnostics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2015</b> , 113, 108-20	3.5	159
56	Biogenic aldehyde determination by reactive paper spray ionization mass spectrometry. <i>Analytica Chimica Acta</i> , <b>2015</b> , 860, 37-42	6.6	27
55	The metabolomics of airway diseases, including COPD, asthma and cystic fibrosis. <i>Biomarkers</i> , <b>2015</b> , 20, 5-16	2.6	67
54	Systems biology of asthma and allergic diseases: a multiscale approach. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 135, 31-42	11.5	91
53	Gut Microbiota Profiling: Metabolomics Based Approach to Unravel Compounds Affecting Human Health. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1144	5.7	195
52	Noninvasive metabolic profiling for painless diagnosis of human diseases and disorders. <i>Future Science OA</i> , <b>2016</b> , 2, FSO106	2.7	14
51	Breathomics in the setting of asthma and chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 138, 970-976	11.5	64
50	Volatile organic compounds in asthma diagnosis: a systematic review and meta-analysis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 71, 175-88	9.3	49
49	Identifying biomarkers for asthma diagnosis using targeted metabolomics approaches. <i>Respiratory Medicine</i> , <b>2016</b> , 121, 59-66	4.6	27
48	Research protocol for a diagnostic study of non-invasive exhaled breath analysis for the prediction of oesophago-gastric cancer. <i>BMJ Open</i> , <b>2016</b> , 6, e009139	3	8
47	Can exhaled volatile organic compounds predict asthma exacerbations in children?. <i>Journal of Breath Research</i> , <b>2017</b> , 11, 016016	3.1	40

46	Allergic asthma: an overview of metabolomic strategies leading to the identification of biomarkers in the field. <i>Clinical and Experimental Allergy</i> , <b>2017</b> , 47, 442-456	4.1	28
45	Analysis of trace n-alkane in air by cryogenic-temperature programmed desorption. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , <b>2017</b> , 35, 041401	2.9	
44	Breathomics from exhaled volatile organic compounds in pediatric asthma. <i>Pediatric Pulmonology</i> , <b>2017</b> , 52, 1616-1627	3.5	60
43	Detection rates, trends in and factors affecting observed levels of selected volatile organic compounds in blood among US adolescents and adults. <i>Environmental Toxicology and Pharmacology</i> , <b>2017</b> , 56, 21-28	5.8	4
42	New Strategies and Challenges in Lung Proteomics and Metabolomics. An Official American Thoracic Society Workshop Report. <i>Annals of the American Thoracic Society</i> , <b>2017</b> , 14, 1721-1743	4.7	26
41	Answer to: "Biomarkers in allergic asthma: Which matrix should we use?". <i>Clinical and Experimental Allergy</i> , <b>2017</b> , 47, 1099-1100	4.1	1
40	Asthma Metabolomics and the Potential for Integrative Omics in Research and the Clinic. <i>Chest</i> , <b>2017</b> , 151, 262-277	5.3	99
39	A review of metabolomics approaches and their application in identifying causal pathways of childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 141, 1191-1201	11.5	47
38	Optimisation of sampling parameters for standardised exhaled breath sampling. <i>Journal of Breath Research</i> , <b>2017</b> , 12, 016007	3.1	30
37	Plasma metabolite profiles in children with current asthma. <i>Clinical and Experimental Allergy</i> , <b>2018</b> , 48, 1297-1304	4.1	24
36	Detection of volatile organic compounds in exhaled breath to screen lung cancer: a systematic review. <i>Future Oncology</i> , <b>2018</b> , 14, 1647-1662	3.6	15
35	Genomic Approach to Asthma. <i>Translational Bioinformatics</i> , <b>2018</b> ,		1
34	Navy Bean and Rice Bran Intake Alters the Plasma Metabolome of Children at Risk for Cardiovascular Disease. <i>Frontiers in Nutrition</i> , <b>2017</b> , 4, 71	6.2	18
33	Metabolomics as a Novel Diagnostic Approach for Asthma. <i>Translational Bioinformatics</i> , <b>2018</b> , 123-153		
32	Understanding and Diagnosing Asthma and COPD by Metabolomics. <i>Translational Bioinformatics</i> , <b>2018</b> , 155-177		
31	On-Line Analysis of Exhaled Breath. <i>Chemical Reviews</i> , <b>2019</b> , 119, 10803-10828	68.1	77
30	Development and validation of exhaled breath condensate microRNAs to identify and endotype asthma in children. <i>PLoS ONE</i> , <b>2019</b> , 14, e0224983	3.7	14
29	What did we learn from multiple omics studies in asthma?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 74, 2129-2145	9.3	15

28	Assessment of breath volatile organic compounds in acute cardiorespiratory breathlessness: a protocol describing a prospective real-world observational study. <i>BMJ Open</i> , <b>2019</b> , 9, e025486	3	14
27	Nitric Oxide and Biological Mediators in Pediatric Chronic Rhinosinusitis and Asthma. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	8
26	Breathprinting-Based Diagnosis, Selected Case Study: Nonneoplastic Chronic Diseases. <b>2019</b> , 95-120		1
25	Breathprinting in Childhood Asthma. <b>2019</b> , 145-161		1
24	EBC metabolomics for asthma severity. <i>Journal of Breath Research</i> , <b>2020</b> , 14, 036007	3.1	4
23	Oxidative stress and obesity-related asthma. <i>Paediatric Respiratory Reviews</i> , <b>2021</b> , 37, 18-21	4.8	9
22	Exhaled volatile organic compounds analysis in clinical pediatrics: a systematic review. <i>Pediatric Research</i> , <b>2021</b> , 89, 1352-1363	3.2	12
21	Metabolomic profiles of breath odor compounds for prognostic prediction in patients with acute-on-chronic liver failure: A pilot study. <i>Hepatology Research</i> , <b>2021</b> , 51, 490-502	5.1	1
20	Volatile organic compounds in a headspace sampling system and asthmatics sputum samples. <i>Journal of Breath Research</i> , <b>2020</b> ,	3.1	2
19	Breathomics: Review of Sample Collection and Analysis, Data Modeling and Clinical Applications. <i>Critical Reviews in Analytical Chemistry</i> , <b>2021</b> , 1-27	5.2	10
18	Application of Metabolomics in Pediatric Asthma: Prediction, Diagnosis and Personalized Treatment. <i>Metabolites</i> , <b>2021</b> , 11,	5.6	9
17	Breath biomarkers of insulin resistance in pre-diabetic Hispanic adolescents with obesity.		
16	Asthma symptoms and respiratory infections in Malaysian students-associations with ethnicity and chemical exposure at home and school. <i>Environmental Research</i> , <b>2021</b> , 197, 111061	7.9	5
15	Lassen sich Lungenerkrankungen differenzieren?. <i>Trillium-Diagnostik</i> , <b>2021</b> , 19, 144-149		
14	Clinical phenotyping. <b>2020</b> , 321-334		0
13	Use of the ReCIVA device in breath sampling of patients with acute breathlessness: a feasibility study. <i>ERJ Open Research</i> , <b>2020</b> , 6,	3.5	3
12	Volatile Organic Compounds in Exhaled Breath as Fingerprints of Lung Cancer, Asthma and COPD. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 10,	5.1	29
11	Machine learning-driven identification of early-life air toxic combinations associated with childhood asthma outcomes. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	0

10	Role of Exhaled Biomarkers, Volatiles, and Breath Condensate. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , <b>2014</b> , 49-66		
9	Breath biomarkers of insulin resistance in pre-diabetic Hispanic adolescents with obesity.. <i>Scientific Reports</i> , <b>2022</b> , 12, 339	4.9	1
8	Exhaled Breath Semiconductor Sensors for Diagnostics of Respiratory Diseases. <i>Armenian Journal of Physics</i> , 13-24		0
7	The utility of a standardised breath sampler in school age children within a real-world prospective study.. <i>Journal of Breath Research</i> , <b>2022</b> ,	3.1	0
6	Recent Advances in Facemask Devices for In Vivo Sampling of Human Exhaled Breath Aerosols and Inhalable Environmental Exposures.. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2022</b> , 116600	14.6	2
5	Data_Sheet_1.docx. <b>2018</b> ,		
4	Antimicrobial and Antimycobacterial properties of <i>Solanum trilobatum</i> L. - In-vitro. <b>2022</b> , 5603-5609		0
3	Gas chromatography-mass spectrometry pilot study to identify volatile organic compound biomarkers of childhood obesity with dyslipidemia in exhaled breath. <b>2023</b> ,		0
2	Online breath analysis with SESI/HRMS for metabolic signatures in children with allergic asthma. 10,		0
1	Mask device as a new wearable sampler for breath analysis: what can we expect in the future?.		0