

No.	Title of Article	Journal	Vol	Pages	Year	Authors	Link
1	Effects of treatment and withdrawal with inhaled beclomethasone/formoterol on electronic nose and NMR	Eur Respiratory J	48	in press	2016	Santini et al	http://erj.ersjournals.com/content/48/suppl_60/PA1075.article-info
2	Detection of Sepsis in Preterm Infants by Fecal Volatile Organic Compounds Analysis: A Proof of Principle Study.	J Pediatr Gastroenterol Nutr		in press	2016	Berkhout et al	https://www.ncbi.nlm.nih.gov/pubmed/27846067
3	Exhaled breath profiling in patients with COPD and OSA overlap syndrome: a pilot study.	J Breath Res	10	in press	2016	Dragonieri et al	https://www.ncbi.nlm.nih.gov/pubmed/27811380
4	Effects of Sampling Conditions and Environmental Factors on Fecal Volatile Organic Compound Analysis by an Electronic Nose Device	Sensors	16	1-14	2016	Berkhout et al	http://www.mdpi.com/1424-8220/16/11/1967/htm
5	An electronic nose may sniff out amyotrophic lateral sclerosis/ryzae	Respir Physiol Neurobiol	232	22-25	2016	Dragonieri et al	http://www.ncbi.nlm.nih.gov/pubmed/27343949
6	A dual center study to compare breath volatile organic compounds from smokers and non-smokers with and without COPD	J Breath Res	10	1-18	2016	Gaida et al	http://iopscience.iop.org/article/10.1088/1752-7155/10/2/026006/meta
7	Exhaled breath analysis, a simple tool to study the pathophysiology of obstructive sleep apnoea	Sleep Medicine Rev	27	1-8	2016	Bikov et al	http://www.sciencedirect.com/science/article/pii/S1087079215000969
8	Volatile organic compounds in asthma diagnosis: a systematic review and meta-analysis	Eur J Allergy Clin Immunol	71	175-188	2016	Cavaleiro Rufo et al	http://onlinelibrary.wiley.com/doi/10.1111/all.12793/full
9	eNose technology can detect and classify human pathogenic molds in vitro: a proof-of-concept study of Aspergillus fumigatus and Rhizopus	J Breath Res	10	in press	2016	de Heer et al	http://www.ncbi.nlm.nih.gov/pubmed/27447026
10	Volatile organic compounds as new biomarkers for colorectal cancer: a review	Colorectal Disease	18	654-663	2016	Di Lena et al	http://onlinelibrary.wiley.com/doi/10.1111/codi.13271/pdf
11	Influence of age and gender on the profile of exhaled volatile organic compounds	J Bras Pneumol	42	143-145	2016	Dragonieri et al	http://www.scielo.br/pdf/jbpneu/v42n2/1806-3713-jbpneu-42-02-00143.pdf
12	Electronic Nose and Exhaled Breath NMR-based Metabolomics Applications in Airways Disease	Current Topics in Medicinal Chemistry	16	1610-1630	2016	Santini et al	http://www.ingentaconnect.com/contentone/ben/ctmc/2016/00000016/00000014/art00010
13	Discrimination between healthy and cancerous lungs with the use of an electronic nose	Linköping University	MS Thesis	36 pgs	2016	Bäckström	http://www.diva-portal.org/smash/record.jsf?pid=diva2%3A940804&dswid=3898
14	Smelling the Diagnosis: The Electronic Nose as Diagnostic Tool in Inflammatory Arthritis. A Case-Reference Study	PLoS One	11	1-10	2016	Brekelmans et al	http://www.ncbi.nlm.nih.gov/pubmed/26982569
15	Detection of Airway Colonization by Aspergillus fumigatus by Use of Electronic Nose Technology in Patients with Cystic Fibrosis	J Clin Microbiol.	54	569-575	2016	de Heer et al	http://www.ncbi.nlm.nih.gov/pubmed/26677251
16	Recent progress in the design and clinical development of electronic-nose technologies	Nanobiosensors in Disease Diagnosis	5	15-27	2016	Wilson AD	https://www.srs.fs.usda.gov/pubs/ja/2016/ja_2016_wilson_001.pdf
17	BIONOTE e-nose technology may reduce false positives in lung cancer screening programmes	Eur J Cardiothorac Surg.	49	1112-1117	2016	Rocco et al	http://www.ncbi.nlm.nih.gov/pubmed/26385981
18	Use of an Electronic Nose to Evaluate Disease Activity in Ulcerative Colitis	Conf Report, OHSU	1	1-4	2016	Woodward et al	
19	Diagnosing gastrointestinal illnesses using fecal headspace volatile organic compounds	World J Gastroenterol	22	1639-1649	2016	Chan et al	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4721995/
20	Identificación del fenotipo inflamatorio del asma mediante métodos no invasivos	Univ Autònoma Barcelona	PhD Thesis	89 pgs	2016	Crespo Lessman A	https://ddd.uab.cat/record/168469
21	Colonització bacteriana en la mpoc: paper dels mecanismes de defensa de la via aèria i nous mètodes diagnòstics	Univ Autònoma Barcelona	PhD Thesis	158 pgs	2016	Garcia Bellmunt L	http://tdcat.cesca.es/handle/10803/386490
22	Inflammatory Asthma Phenotype Discrimination Using an Electronic Nose Breath Analyzer	J Investig Allergol Clin Immunol.	25	431-437	2015	Plaza et al	http://www.ncbi.nlm.nih.gov/pubmed/26817140
23	An electronic nose in the discrimination of obese patients with and without obstructive sleep apnoea	J Breath Res	9	in press	2015	Dragonieri et al	http://www.ncbi.nlm.nih.gov/pubmed/25891965
24	Faecal gas analysis by electronic nose as a novel, non-invasive method for assessment of active and quiescent paediatric	Amsterdam Medical Center	PhD Thesis	91-106	2015	van der Schee MPC	http://dare.uva.nl/document/2/155274
25	Sex and smoking status effects on the early detection of early lung cancer in high-risk smokers using an electronic nose	Trans. Biomedical Engineering		1-11	2015	McWilliams et al	http://www.ncbi.nlm.nih.gov/pubmed/25775482

26	Altered exhaled biomarker profiles in children during and after rhinovirus-induced wheeze	Eur Resp J	45	440-448	2015	van der Schee et al	http://www.ncbi.nlm.nih.gov/pubmed/25323245
27	Advances in electronic-nose technologies for the detection of volatile biomarker metabolites in the human breath	Metabolites	5	140-163	2015	Wilson AD	http://www.ncbi.nlm.nih.gov/pubmed/25738426
28	Faecal gas analysis by electronic nose as novel, non-invasive method for assessment of active and quiescent paediatric inflammatory bowel disease: Proof of principle study.	J Chrons Colitis		in press	2014	de Meij et al	http://www.ncbi.nlm.nih.gov/pubmed/25248313
29	Exhaled breath analysis using electronic nose in cystic fibrosis and primary ciliary dyskinesia patients with chronic pulmonary infections	PLoS One	9	1-15	2014	Joensen et al	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4277311/
30	Identification of airway bacterial colonization by an electronic nose in Chronic Obstructive Pulmonary Disease	Respir Med	108	1608-1614	2014	Sibila et al	http://www.ncbi.nlm.nih.gov/pubmed/25269711
31	Exhaled breath condensate pH decreases during exercise-induced bronchoconstriction	Respirology	19	563-569	2014	Bikov et al	http://www.ncbi.nlm.nih.gov/pubmed/24612285
32	Exhaled breath profiling for diagnosing acute respiratory distress syndrome	BMC Pulmonary Medicine	14	1-9	2014	Bos et al	http://www.biomedcentral.com/1471-2466/14/72
33	The scent of colorectal cancer: Detection by volatile organic compound analysis	Clin Gastroenter and Hepatology	12	1085-1089	2014	de Boer et al	http://www.cghjournal.org/article/S1542-3565%2814%2900715-0/pdf
34	Identification of three subtypes of non-atopic asthma using exhaled breath analysis by electronic nose	Am. J. Respir. Crit. Care Med.	189	A2170	2014	De Groot et al	http://www.atsjournals.org/doi/abs/10.1164/airccm-conference.2014.189.1_MeetingAbstracts.A2170
35	Combined sputum hypermethylation and eNose analysis for lung cancer diagnosis	J Clin Pathol.	67	707-11	2014	Hubers et al	http://www.ncbi.nlm.nih.gov/pubmed/24915850
36	Evening and morning exhaled volatile compound patterns are different in obstructive sleep apnoea assessed with electronic nose	Sleep Breath	19	247-254	2014	Kunos et al	http://www.ncbi.nlm.nih.gov/pubmed/24840212
37	Lack of heritability of exhaled volatile compound pattern: An electronic nose twin study	J Breath Res	8	in press	2014	Tarnocki et al	http://europemc.org/abstract/MED/24421262
38	Detection of bloodstream infections and prediction of bronchopulmonary dysplasia in preterm neonates with an electronic nose	J Pediatrics	165	622-624	2014	Rogosch et al	http://www.ipeds.com/article/S0022-3476%2814%2900407-7/abstract
39	Comparison of various pattern recognition techniques based on e-nose for identifying bacterial species in diabetic wound infections	Adv. Intelligent Systems	53	43-58	2014	Yusuf et al	http://books.google.com/books?id=-Z_sAwAAQBAJ&printsec=frontcover#v=onepage&q&f=false
40	Multivariate prediction model for early detection and classification of bacterial species in diabetic foot ulcers	Intl Conf Adv. Intel Syst Bioinformatics	13	27-34	2014	Abdullah et al	http://www.atlantis-press.com/php/pub.php?publication=intel-13&frame=http%3A/www.atlantis-press.com/php/paper-
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42	Technischer vergleich dreier elektronischer nasen und ihre anwendung in diagnostik und monitoring	Ludwig-Maximilians Universität	PhD Thesis	133 pgs	2014	Nguyen-Huu	http://edoc.ub.uni-muenchen.de/17051/
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44	Chronic obstructive pulmonary disease in the elderly	Eur J of Internal Medicine	25	in press	2014	Incalzi et al	http://www.sciencedirect.com/science/article/pii/S0953620513009746
45	Electronic nose can discriminate colorectal carcinoma and advanced adenomas by fecal volatile biomarker analysis: Proof of principle study	Intl. Journal of Cancer	134	1132-1138	2014	de Meij et al	http://onlinelibrary.wiley.com/doi/10.1002/ijc.28446/abstract
46	Detection of volatile compounds in urine using an electronic nose instrument	2013 Intl. Conf. CEEE		1-4	2014	Sabeel et al	http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6633956&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D6633956
47	Diagnosis of bacteria for diabetic foot infection using electronic nose technology	2013 IEEE Conf. WISE		114-118	2014	Yusuf et al	http://europemc.org/abstract/MED/24421262

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49	Wake-up call by breathomics in sleep apnoea	Eur Respiratory J	42	1-4	2014	Sterk et al	http://erj.ersjournals.com/content/42/1/1.long
50	An application of electronic nose technology for diagnosis of Alzheimer's disease	Eur Respiratory J	42	P1275	2013	Koczulla et al	http://erj.ersjournals.com/content/42/Suppl_57/P1275
51	Detection of early stage lung cancer by electronic nose	Eur Respiratory J	42	P2888	2013	Bukovskis et al	http://erj.ersjournals.com/content/42/Suppl_57/P2888
52	Analysis of exhaled breath with electronic nose and diagnosis of lung cancer by multifactorial logistic regression analysis	Eur Respiratory J	42	P2889	2013	Bukovskis et al	http://erj.ersjournals.com/content/42/Suppl_57/P2889
53	Analysis of exhaled breath with electronic nose and diagnosis of lung cancer by support vector machine	Eur Respiratory J	42	P1824	2013	Bukovskis et al	http://erj.ersjournals.com/content/42/Suppl_57/1824?related-urls=yes&legid=erj:42/Suppl_57/1824
54	Analysis of exhaled breath with electronic nose and discrimination of lung cancer and COPD by logistic regression analysis	Eur Respiratory J	42	P2891	2013	Strazda et al	http://erj.ersjournals.com/content/42/Suppl_57/P2891.abstract
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82	Detection and identification of cancers by the electronic nose	Expert Opin Med Diagn.	6	175-185	2012	D'Amico et al	http://www.ncbi.nlm.nih.gov/pubmed/23480684
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89	Exhaled breath volatile alterations in pregnancy assessed with electronic nose	Biomarkers	16	476-484	2011	Bikov et al	http://informahealthcare.com/doi/full/10.3109/1354750X.2011.598562
90	Diagnosing GORD in respiratory medicine	Front. Pharmacology	2	1-6	2011	Timms et al	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3143725/
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99	Electronic nose distinguishes lung cancer from healthy smoking controls	Suppl. Journal of Thoracic Oncology	6	S18	2011	Dent et al	http://espace.library.uq.edu.au/view/UQ:237589
100	Evaluation of the limit-of-detection capability of carbon black-polymer composite sensors for volatile breath biomarkers	Sensors and Actuators B:	147	55-60	2010	Kang et al	http://www.sciencedirect.com/science/article/pii/S0925400510002376
101	Breathomics as a diagnostic tool for pulmonary embolism	Journal of Thrombosis and	8	2831-2833	2010	Fens et al	http://onlinelibrary.wiley.com/doi/10.1111/j.1538-7836.2010.04064.x/full
102	Enhancing the classification of eye bacteria using bagging to multilayer perceptron and decision tree	Intelligent Systems for Machine	Chp. 11		2010	Li et al	http://books.google.com/books?hl=en&lr=&id=qwsmcZaoYLoC&oi=fnd&pg=PA277&dq=cyranose+320&ots=plbkwYmQlO&sig=TrpWl5eUembG4Qe4VYhYBH2r9Lc#v
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121	Bacteria classification using electronic nose	ESBME	5	1-4	2006	Aksebzeci et al	http://bme.med.upatras.gr/ESBME2006/CD/5th_ESBME_2006_PDFs/Session_3/Aksebzeci_full%20paper.pdf
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123	“Maximum probability rule” based classification of MRSA infections in hospital environment: Using electronic nose	Sensors and Actuators B:	120	156-165	2006	Dutta et al	http://www.sciencedirect.com/science/article/pii/S0925400506000839
124	Stochastic resonance-based electronic nose: A novel way to classify bacteria	Sensors and Actuators B:	115	17-27	2006	Dutta et al	http://www.ict.csiro.au/staff/ritaban.dutta/2005%20Stochastic%20resonance-based%20electronic%20nose%20A%20novel%20way%20to%20classify%20bacteri
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128	Identification of staphylococcus aureus infections in hospital environment: Electronic nose based approach	Sensors and Actuators B:	109	355-362	2005	Dutta et al	http://www.ncbi.nlm.nih.gov/pubmed/12437783
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137	Identification of upper respiratory bacterial pathogens with the electronic nose	Laryngoscope	112	975-979	2002	Lai et al	http://www.ncbi.nlm.nih.gov/pubmed/12160294
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139	Classification of bacteria causing eye infections using a neural network based electronic nose system	Electronic Noses and Olfaction 2000	7th Intl. Sympos	189-196	2000	Boilot et al	http://books.google.com/books?id=BVUTE4I5VvQC&pg=PA189&lpg=PA189&dq=eye+bacteria+electronic+nose&source=bl&ots=OboEivWHyX&sig=jfAuezYap6xGlpN