

No.	Title of Article	Journal	Vol	Pages	Year	Authors	Link
1	Determination of global chemical patterns in exhaled breath for the discrimination of lung damage in postCOVID patients	Talanta	256	1-8	2023	Zamora-Mendoza et al	https://www.sciencedirect.com/science/article/abs/pii/S0039914023000504?via%3Dihub
2	A review on electronic nose for diagnosis and monitoring treatment response in lung cancer	J Breath Res		in press	2023	Vadala et al	https://iopscience.iop.org/article/10.1088/1752-7163/acb791
3	The Versatility and Diagnostic Potential of VOC Profiling for Noninfectious Diseases	BME Frontiers	4	1-24	2023	Oxner et al	https://spi.science.org/doi/10.34133/bmef.0002
4	Diagnostic Performance of Electronic Noses in Cancer Diagnoses Using Exhaled Breath	JAMA Network Open	5	1-16	2022	Scheepers et al	https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2793773
5	Breath analysis using electronic nose and gas chromatography-mass spectrometry. A pilot study on bronchial infections in bronchiectasis	Clinica Chimica Acta	536	6-13	2022	de Oliveira et al	https://www.sciencedirect.com/science/article/pii/S0009898121004484
6	Development and characterization of electronic noses for the rapid detection of COVID-19 in exhaled breath	HAL Open Science		1-2	2022	Ghazaly et al	https://hal-cea.archives-ouvertes.fr/cea-03713273/
7	The Efficacy of Cyranose in Detecting In Vitro Volatile Organic Compounds (from Cell Cultures)	Proc IMPRS	5	1-2	2022	Dalis et al	https://journals.iupui.edu/index.php/IMPRS/article/view/26820
8	Application of exhaled breath analysis using E-nose for diagnosis and monitoring treatment response in lung cancer patients	Lung India	39	S30-S31	2022	Vadala et al	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9109870/pdf/LI-39-S30.pdf
9	Electronic Nose and Tongue for Assessing Human Microbiota	Chemosensors	10	1-17	2022	Tonacci et al	https://www.mdpi.com/2227-9040/10/2/85
10	Volatilome Analysis in Prostate Cancer by Electronic Nose: A Pilot Monocentric Study	Cancers	14	1-10	2022	Filiani et al	https://www.mdpi.com/2072-6694/14/12/2927
11	Prediction of Bloodstream Infection in Pediatric Acute Leukemia by Microbiota and Volatile Organic Compounds Analysis	J Pediatric Hematology	44	e152 - e159	2022	van de Velde	https://www.ingentaconnect.com/content/wk/jpho/2022/00000044/00000001/art00031
12	Chemometric analysis of the global pattern of volatile organic compounds in the exhaled breath of patients with COVID-19, post-	Talanta	236	1-9	2022	Zamora-Mendoza et al	https://www.sciencedirect.com/science/article/pii/S0039914021007530
13	Diagnosis of pathological conditions through electronic nose analysis of urine samples. A systematic review and meta-analysis	Porto Biomed J	7	1-8	2022	Helga et al	https://journals.lww.com/pbj/fulltext/2022/12000/diagnosis_of_pathological_conditions_through_1.aspx
14	Electronic Nose Sensor Drift Affects Diagnostic Reliability and Accuracy of Disease-Specific Algorithms	Sensors	22	1-12	2022	Bosch et al	https://www.mdpi.com/1424-8220/22/23/9246
15	Pilot Study on Non-Invasive Diagnostics of Volatile Organic Compounds over Urine from COVID-19 Patients	Arch Clin Biomed Res	6	65-73	2022	Boeselt et al	https://fortuneonline.org/articles/pilot-study-on-noninvasive-diagnostics-of-volatile-organic-compounds-over-urine-from-covid19-patients.pdf
16	Diagnostic and Prognostic utility of eNOSE for Lung Cancer in a TB-endemic setting. A Pilot Study	Eur Resp J	60	3832	2022	Vadala et al	https://erj.ersjournals.com/content/60/suppl_66/3832
17	Short term effect of cigarette smoke on exhaled volatile organic compounds profile analyzed by an eNose	Eur Resp J	60	2082	2022	Dragonieri et al	https://erj.ersjournals.com/content/60/suppl_66/2082
18	Post-COVID syndrome screening through breath analysis using electronic nose technology	Analyt Bioanalyt Chem	414	3617 – 3624	2022	Nidheesh et al	https://pubmed.ncbi.nlm.nih.gov/35303135/
19	The Role of a Polymer-Based E-Nose in the Detection of Head and Neck Cancer from Exhaled Breath	Sensors	22	1-8	2022	Anzivino et al	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9460264/pdf/sensors-22-06485.pdf
20	Smells like cystitis – diagnosing urinary tract infections with an electronic nose	UroLuts			2022	Heers et al	https://uroluts.uroweb.org/publication/smells-like-cystitis-diagnosing-urinary-tract-infections-with-an-electronic-nose/#tab-main-abstract
21	The assessment of microbiome changes and fecal volatile organic compounds during experimental necrotizing enterocolitis	J Pediatric Surgery	56	1220 - 1225	2021	Hosfield et al	https://www.sciencedirect.com/science/article/abs/pii/S0022346821001779
22	Discrimination of COPD Patients from Healthy Subjects by Breath Prints and Exhaled Inflammatory Cytokines in Indian Population A	Am J Respir Crit Care Med	203	A1234	2021	Mohan A	https://www.atsjournals.org/doi/pdf/10.1164/ajrccm-conference.2021.203.1_MeetingAbstracts.A1234
23	Breathing Rhythm Variations during Wash-In Do Not Influence Exhaled Volatile Organic Compound Profile Analyzed by an Electronic	Molecules	26	1-5	2021	Dragonieri et al	https://pubmed.ncbi.nlm.nih.gov/34064506/
24	Comparative analysis of chemical breath-prints through olfactory technology for the discrimination between SARS-CoV-2 infected	Clinica Chimica Acta	519	126-132	2021	Rodriguez-Aguilar et al	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8064814/
25	Early Diagnosis of Necrotizing Enterocolitis in Neonates Using an Electronic Nose	Proc IMPRS	4	1-2	2021	Prabhakar et al	https://journals.iupui.edu/index.php/IMPRS/article/view/25803
26	Application of the electronic nose in predicting preeclampsia in high-risk pregnancies. Pilot study	Arch. Med. Res.	8	1-8	2021	Mendez Rodriguez KB et al	https://www.sciencedirect.com/science/article/abs/pii/S0188440921000357

27	Breath biopsy of breast cancer using sensor array signals and machine learning analysis	Nature Sci Reports	11	1-9	2021	Yang etal	https://www.nature.com/articles/s41598-020-80570-0
28	Application of chemoresistive gas sensors and chemometric analysis to differentiate the fingerprints of global volatile organic compounds	Clin Chim Acta	518	83-92	2021	Rodriguez-Aguilar et al	https://www.sciencedirect.com/science/article/abs/pii/S0009898121001017
29	Detection and identification of fungal species by electronic nose technology: A systematic review	Fungal Biol Rev	37	59-70	2021	Mota et al	https://www.sciencedirect.com/science/article/abs/pii/S1749461321000142
30	VOC Pattern Recognition of Lung Cancer: a Comparative Evaluation of Canine and eNose- Based Strategies Using Different Sampling	Univ Ludwig Maximilians	PhD Thesis	1-64	2021	Biehl WI	https://edoc.ub.uni-muenchen.de/27647/
31	The assessment of fecal volatile organic compounds during experimental necrotizing enterocolitis	Pediatrics	147	952-953	2021	Hosfield et al	https://pediatrics.aappublications.org/content/147/3_MeetingAbstract/952
32	Identification of volatile organic compounds in the urine of patients with cervical cancer. Test concept for timely screening	Clin Chimica Acta	522	132-140	2021	Díaz et al	https://www.sciencedirect.com/science/article/abs/pii/S0009898121002928?via%3DIhuh
33	Electronic nose in discrimination of children with uncontrolled asthma	J Breath Res	14	in press	2020	Tenero et al	https://iopscience.iop.org/article/10.1088/1752-7163/ab9ab0/meta
34	The Assessment of Fecal Volatile Organic Compounds in Healthy Infants: Electronic Nose Device Predicts Patient Demographics and	J Surgical Res	254	340-347	2020	Hosfield et al	https://www.sciencedirect.com/science/article/abs/pii/S0022480420302705
35	Electronic Nose Analysis of Exhaled Breath Volatiles to Identify Lung Cancer Cases	J ANAC	31	71-79	2020	Swanson et al	https://journals.lww.com/janac/Abstract/2020/02000/Electronic_Nose_Analysis_of_Exhaled_Breath.10.aspx
36	Identification of breath-prints for the COPD detection associated with smoking and household air pollution by electronic nose	Respiratory Med	163	1-7	2020	Rodriguez-Aguilar et al	https://pubmed.ncbi.nlm.nih.gov/32125969/
37	Breath analysis for the screening and diagnosis of diseases	Appl. Spect. Rev		1-31	2020	Nidheesh et al	https://www.tandfonline.com/doi/full/10.1080/05704928.2020.1848857
38	Machine Learning Analysis of Electronic Nose in a Transdiagnostic Community Sample With a Streamlined Data Collection Approach: -	Front. Psych	11	1-11	2020	Xu et al	https://www.frontiersin.org/articles/10.3389/fpsy.2020.503248/pdf
39	Diagnosis of ventilator-associated pneumonia using electronic nose sensor array signals: solutions to improve the application of machine	Respiratory Res	21	1-12	2020	Chen et al	https://respiratory-research.biomedcentral.com/articles/10.1186/s12931-020-1285-6
40	eNose breath prints as a surrogate biomarker for classifying patients with asthma by atopy	J Allergy Clinical Immunology	146	1045-1055	2020	Abdel-Aziz M et al	https://www.sciencedirect.com/science/article/pii/S0091674920308083
41	Electronic Nose as a Novel Method for Diagnosing Cancer: A Systematic Review	Biosensors	10	1-21	2020	Baldini et al	https://www.mdpi.com/2079-6374/10/8/84
42	Are Sensors and Data Processing Paving the Way to Completely Non-invasive and Not-painful Medical Tests for Widespread Screening and	Biodevices	19	207-214	2020	Saggio G	https://www.scitepress.org/Papers/2020/90980/90980.pdf
43	The Role of Electronic Noses in Phenotyping Patients with Chronic Obstructive Pulmonary Disease	Biosensors	10	1-20	2020	Scarлата et al	https://www.mdpi.com/2079-6374/10/11/171
44	Early detection and follow-up of colorectal neoplasia based on faecal volatile organic compounds	Colorectal Dis	22	1119 - 1129	2020	Bosch et al	https://onlinelibrary.wiley.com/doi/abs/10.1111/codi.15009
45	Exhaled volatile organic compounds analysis by e-nose can detect idiopathic pulmonary fibrosis	J Breath Res	14		2020	Dragonieri et al	https://iopscience.iop.org/article/10.1088/1752-7163/ab8c2e/meta
46	Volatile organic compound breath testing detects in-situ squamous cell carcinoma of bronchial and laryngeal regions and shows distinct	J Breath Res	14		2020	Fielding et al	https://iopscience.iop.org/article/10.1088/1752-7163/abb18a/meta
47	Fecal Volatile Organic Compound Profiles are Not Influenced by Gestational Age and Mode of Delivery: A Longitudinal Multicenter	Biosensors	10	1-14	2020	Deianova et al	https://www.mdpi.com/2079-6374/10/5/50
48	Smell—Adding a New Dimension to Urinalysis	Biosensors	10	1-9	2020	Visser et al	https://www.mdpi.com/2079-6374/10/5/48
49	Human volatilome analysis using eNose to assess uncontrolled asthma in a clinical setting	Eur J Allergy Clin Immunol	75	1630 - 1639	2020	Farraia et al	https://onlinelibrary.wiley.com/doi/abs/10.1111/all.14207
50	Phänotypisierung von Patienten mit Asthma bronchiale mittels der elektronischen Nase Cyranose® eosinophiles versus nicht-	Phillips Univ Marburg	PhD Thesis		2020	Schwab ME	https://www.worldcat.org/title/phanotypisierung-von-patienten-mit-asthma-bronchiale-mittels-der-elektronischen-nase-cyranose-eosinophiles-versus-nicht-
51	Identification of breath-prints for the COPD detection associated with smoking and household air pollution by electronic nose	Resp Med	163	1-7	2020	Rodríguez-Aguilar et al	https://www.sciencedirect.com/science/article/abs/pii/S09546112030041X
52	Common Cold Influences Exhaled Volatile Organic Compound Profile Analyzed by an Electronic Nose	Eur Respiratory J	56	2185	2020	Dragonieri et al	https://erj.ersjournals.com/content/56/suppl_64/2185.abstract
53	Identification of profiles of volatile organic compounds in exhaled breath by means of an electronic nose as a proposal for a screening	J Breath Res	14	1-10	2020	Díaz et al	https://iopscience.iop.org/article/10.1088/1752-7163/aba83f

54	Potential of the Electronic Nose for the Detection of Respiratory Diseases with and without Infection	Intl J Mol Sci	21	44942	2020	Licht et al	https://pubmed.ncbi.nlm.nih.gov/33321951/
55	Charakterisierung obstruktiver Atemwegserkrankungen im Kindesalter im Vergleich zu gesunden Kontrollen anhand der	Univ Ludwig Maximilians	PhD Thesis	1-131	2020	Samija LS	https://edoc.uni-muenchen.de/26532/7/Samija_Lea.pdf
56	Plaušu vēža histoloģisko formu diagnostika izelpas gaisā ar mākslīgo ožas sensoru (Lung Cancer, Cyranose 320)	Univ Latvia	MS Thesis		2019	Putka K	http://dspace.lu.lv/dspace/handle/7/47775
57	Exhaled Breath Profiles Before, During and After Exacerbation of COPD: A Prospective Follow-Up Study	J COPD	16	330-337	2019	van Velzen et al	https://www.tandfonline.com/doi/full/10.1080/15412555.2019.1669550
58	The electronic nose technology in clinical diagnosis: A systematic review	Porto Biomed J	4	1-13	2019	Farraia et al	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6924976/
59	An electronic nose can sniff out idiopathic pulmonary fibrosis	Eur Respiratory J	54		2019	Dragonieri et al	https://erj.ersjournals.com/content/54/suppl_63/PA1294.abstract
60	Untersuchungen am Trachealspirat beatmeter Früh- und Reifgeborener zur Infektionsdiagnostik und Prädiktion der	Phillips Univ Marburg	PhD Thesis	1-91	2019	Herrmann N	https://archiv.ub.uni-marburg.de/diss/z2019/0141/pdf/dnh.pdf
61	Machine Learning Methods Applied to Predict Ventilator-Associated Pneumonia with Pseudomonas aeruginosa Infection via Sensor Array	Sensors	19	1-20	2019	Liao et al	https://www.mdpi.com/1424-8220/19/8/1866
62	Detection of lung cancer with electronic nose and logistic regression analysis	J Breath Res	13	1752-1763	2019	Tirzite et al	https://iopscience.iop.org/article/10.1088/1752-7163/aae1b8/meta
63	Identification and prospective stability of electronic nose (eNose)-derived inflammatory phenotypes in patients with severe	J Allergy Clinical Immunology	143	1811-1820	2019	Brinkmann et al	https://www.sciencedirect.com/science/article/pii/S0091674918317226
64	Bacteriological diagnosis with volatile organic compounds – first experiences with an electronic nose	Eur Urology	18	381	2019	Heers et al	https://www.eusupplements.europeanurology.com/article/S1569-9056(19)30286-6/abstract
65	Application of Fecal Volatile Organic Compound Analysis in Clinical Practice: Current State and Future Perspectives	Chemosensors	6	1-20	2019	Hassani SM et al	https://www.mdpi.com/2227-9040/6/3/29
66	Diagnosis of histological forms of lung cancer in the exhaled air with an artificial olfactory sensor	Latvijas Univeristate	MS Thesis		2019	Putka K	http://dspace.lu.lv/dspace/handle/7/47775
67	Analysis of exhaled air with an artificial olfactory device for lung cancer diagnosis - Izelpas gaisa analīze ar mākslīgās ožas ierīci plaušu	Latvijas Univeristate	PhD Thesis	76 pp	2019	Tirzite M	https://dspace.lu.lv/dspace/handle/7/48858
68	Exhaled Breath Profiles Before, During and After Exacerbation of COPD: A Prospective Follow-Up Study	J COPD	16	330-337	2019	van Velzen et al	https://www.tandfonline.com/doi/full/10.1080/15412555.2019.1669550
69	Use of Electronic Noses for Diagnosis of Digestive and Respiratory Diseases through the Breath	Biosensors	9	1-20	2019	Sanchez et al	https://www.mdpi.com/2079-6374/9/1/35
70	VOC pattern recognition of lung cancer: a comparative evaluation of different dog- and eNose-based strategies using different sampling	Acta Oncologia	58	1216-1224	2019	Biehl et al	https://www.tandfonline.com/doi/full/10.1080/0284186X.2019.1634284?scroll=top&needAccess=true
71	Electronic Noses in Medical Diagnostics	Current Medical Chemistry	26	197-215	2019	Wojnowski et al	https://www.ingentaconnect.com/content/ben/cmc/2019/00000026/00000001/art00012
72	Exhaled breath condensate volatilome allows sensitive diagnosis of persistent asthma	Eur J Allergy Clin Immunol	74	527-534	2019	Rufo et al	https://onlinelibrary.wiley.com/doi/pdf/10.1111/all.13596
73	The influence of lifestyle factors on fecal volatile organic compound composition as measured by an electronic nose	J Breath Res	13		2019	Bosch et al	https://iopscience.iop.org/article/10.1088/1752-7163/ab2775/meta
74	Breathprinting-Based Diagnosis: Case Study: Respiratory Diseases	Breath Analysis	Chp 8	131-143	2019	Pako et al	https://www.sciencedirect.com/science/article/pii/B9780128145623000084
75	Breathprinting-Based Diagnosis: Case Study: Nonneoplastic Chronic Diseases	Breath Analysis	Chp 6	95-120	2019	Incalzi et al	https://www.sciencedirect.com/science/article/pii/B9780128145623000060
76	Breathprinting-Based Diagnosis: Case Study: U-BIOPRED Project	Breath Analysis	Chp 3	33-48	2019	Brinkmann P	https://www.sciencedirect.com/science/article/pii/B9780128145623000035
77	e-Nose Technology: The State of the Art on Lung Cancer Diagnosis	Breath Analysis	Chp 7	121-129	2019	Crucitti et al	https://www.sciencedirect.com/science/article/pii/B9780128145623000072
78	Exhaled breath profiling by electronic nose enabled discrimination of allergic rhinitis and extrinsic asthma	Biomarkers	24	70-75	2019	Dragonieri et al	https://www.tandfonline.com/doi/abs/10.1080/1354750X.2018.1508307
79	Fecal Volatile Organic Compounds in Preterm Infants Are Influenced by Enteral Feeding Composition	Sensors	18	1-20	2018	Hassani et al	https://www.mdpi.com/1424-8220/18/9/3037

80	The Smell of Hypoxia: using an electronic nose at altitude and proof of concept of its role in the prediction and diagnosis of acute	Physiology Reports	6	1-9	2018	Lacey et al	https://physoc.onlinelibrary.wiley.com/doi/full/10.14814/phy2.13854
81	Predicting hospital readmissions in severe COPD patients using an electronic-nose	Eur Resp J.	52		2018	Troyano et al	https://erj.ersjournals.com/content/52/suppl_62/PA3854.abstract
82	Influence of circadian rhythm on exhaled breath profiling by electronic nose	J of Bio Reg Homeo Agents	32	1261-1265	2018	Liotino et al	https://europepmc.org/abstract/med/30334423
83	"Sniffing bladder cancer" – detection of bladder tumours with an electronic nose and ion mobility spectrometry	European Urology Suppl	17	e1427	2018	Heers et al	https://www.sciencedirect.com/science/article/pii/S1569905618318384
84	Early non-invasive detection of breast cancer using exhaled breath and urine analysis	Computers in Biol Med	96	227-232	2018	Herman-Saffar et al	https://www.sciencedirect.com/science/article/pii/S0010482518300775
85	Non-invasive Detection of Bladder Tumors Through Volatile Organic Compounds: A Pilot Study with an Electronic Nose	Anticancer Research	38	833-837	2018	Heers et al	http://ar.iijournals.org/content/38/2/833.short
86	Obstructive sleep apnea patients can be identified by ion mobility spectrometry-derived smell prints of different biological materials	J Breath Res	12		2018	Greulich et al	http://iopscience.iop.org/article/10.1088/1752-7163/aa96e2/meta
87	A study on volatile organic compounds emitted by in-vitro lung cancer cultured cells using gas sensor array and SPME-GCMS	BMC Cancer	18	362	2018	Thriumani et al	https://bmccancer.biomedcentral.com/articles/10.1186/s12885-018-4235-7
88	E-Nose: An Innovative Technology to Evaluate Different Respiratory Patterns	Univ. Verona	PhD Thesis	1-66	2018	Tenero L	https://iris.univr.it/retrieve/handle/11562/982846/107169/Tesi%20dottorato%20Laura_Tenero.pdf
89	Recent applications of electronic-nose technologies for the noninvasive early diagnosis of gastrointestinal diseases	Proceedings	2	147	2018	Wilson AD	http://www.mdpi.com/2504-3900/2/3/147
90	Identification of Pseudomonas aeruginosa and airway bacterial colonization by an electronic nose in bronchiectasis	Respiratory Medicine	136	111-117	2018	Suarez-Cuartin et al	https://www.sciencedirect.com/science/article/pii/S0954611118300374
91	Breathomics for Assessing the Effects of Treatment and Withdrawal With Inhaled Beclomethasone/Formoterol in Patients With COPD	Frontiers in Pharmacology	9	1-14	2018	Montuschi et al	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5914154/
92	Electronic Nose in the Detection of Wound Infection Bacteria from Bacterial Cultures: A Proof-of-Principle	Eur Surgical Res	59	1-11	2018	Saviauk et al	https://www.karger.com/Article/Abstract/485461
93	Breath based volatile organic compounds in the detection of breast, lung, and colorectal cancers: A systematic review	Cancer Biomarkers	21	29-39	2018	Oakley-Girvan et al	https://content.iospress.com/articles/cancer-biomarkers/cbm170177
94	Breathprinting and Early Diagnosis of Lung Cancer	J Thoracic Oncology	13	883-894	2018	Rocco et al	https://www.ito.org/article/S1556-0864(18)30183-7/abstract
95	Development of severe bronchopulmonary dysplasia is associated with alterations in fecal volatile organic compounds	Pediatric Res	83	412-419	2018	Berkhout et al	https://www.nature.com/articles/pr2017268
96	The ovarian cycle may influence the exhaled volatile organic compounds profile analyzed by an electronic nose	J Breath Res	12		2018	Dragonieri et al	http://iopscience.iop.org/article/10.1088/1752-7163/aa9eed/meta
97	Smoking influences fecal volatile organic compounds composition	Clin Gastroent Hepatology	16	1168-1169	2018	de Swart et al	https://www.sciencedirect.com/science/article/pii/S1542356517313137
98	Breath analysis as a diagnostic and screening tool for malignant pleural mesothelioma: a systematic review	Transl Lung Cancer Res	7	520-536	2018	Brusselmans et al	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6204411/
99	The next generation of rapid point-of-care testing identification tools for ventilator-associated pneumonia	Annals Transl Med	5	451	2017	Millot et al	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5721214/
100	Breathomics from exhaled volatile organic compounds in pediatric asthma	Pediatric Pulmonology	52	1616-1627	2017	Neerinx et al	https://onlinelibrary.wiley.com/doi/abs/10.1002/ppul.23785
101	Exhaled breath analysis for the early detection of lung cancer: recent developments and future prospects	Lung Cancer	8	31-38	2017	Nardi-Agmon et al	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5439719/
102	Diagnostic accuracy of breath tests for pneumoconiosis using an electronic nose	J Breath Res	12		2017	Chen et al	http://iopscience.iop.org/article/10.1088/1752-7163/aa857d/pdf
103	Exhaled breath profiles in the monitoring of loss of control and clinical recovery in asthma	Clinical & Experimental Allergy	47	1159-1169	2017	Brinkman et al	http://onlinelibrary.wiley.com/doi/10.1111/cea.12965/full
104	Identification of Pseudomonas Aeruginosa Airway Colonization by an Electronic Nose in Bronchiectasis Patients	Amer J Resp Crit Care Med	A40		2017	Suarez-Cuartin et al	http://www.atsjournals.org/doi/abs/10.1164/ajrccm-conference.2017.195.1.MeetingAbstracts.A1515
105	Urine-based diagnostics of bladder tumours through volatile organic compounds: Pilot study for two detection systems	Eur Urology Suppl	16		2017	Heers et al	http://www.eusupplements.europeanurology.com/article/S1569-9056(17)30192-6/pdf

106	Detection of lung cancer in exhaled breath with an electronic nose using support vector machine analysis	J Breath Res	11	1752-1763	2017	Tirzite et al	https://www.ncbi.nlm.nih.gov/pubmed/28585921
107	Electronic Nose Technology in Respiratory Diseases	Lung	195	157-165	2017	Dragonieri et al	https://link.springer.com/article/10.1007/s00408-017-9987-3
108	Metabolomics in the Diagnosis and Pharmacotherapy of Lung Diseases	Current Pharma Design	23	2050 - 2059	2017	Devillier et al	http://www.ingentaconnect.com/content/ben/cpd/2017/00000023/00000014/art00004
109	Novel cutting-edge metabolite-based diagnostic tools for aspergillosis	PLOS Pathogens	13	1-8	2017	Savelieff et al	http://journals.plos.org/plospathogens/article/file?id=10.1371/journal.ppat.1006486&type=printable
110	Cutting Edge Methods for Non-Invasive Disease Diagnosis Using E-Tongue and E-Nose Devices	Biosensors	7	1-39	2017	Fitzgerald et al	http://www.mdpi.com/2079-6374/7/4/59
111	Breath analysis by gas chromatography-mass spectrometry and electronic nose to screen for pleural mesothelioma: a cross-sectional	Oncotarget	8	91593 - 91602	2017	Lamote et al	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5710949/
112	Obstructive sleep apnea patients can be identified by ion mobility spectrometry-derived smell prints of different biological materials	J Breath Res			2017	Greulich et al	https://www.ncbi.nlm.nih.gov/pubmed/29083318
113	Feature extraction techniques using multivariate analysis for identification of lung cancer volatile organic compounds	AIP Conf Proc	1808		2017	Thriumani et al	https://aip.scitation.org/doi/pdf/10.1063/1.4975287
114	Detection of sepsis in preterm infants by fecal volatile organic compounds analysis: A proof of principle study.	J Pediatr Gastroenterol Nutr	65	47-52	2017	Berkhout et al	https://www.ncbi.nlm.nih.gov/pubmed/27846067
115	Effects of treatment and withdrawal with inhaled beclomethasone/formoterol on electronic nose and NMR	Eur Respiratory J	48		2016	Santini et al	http://erj.ersjournals.com/content/48/suppl_60/PA1075.article-info
116	Exhaled breath profiling in patients with COPD and OSA overlap syndrome: a pilot study.	J Breath Res	10		2016	Dragonieri et al	https://www.ncbi.nlm.nih.gov/pubmed/27811380
117	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
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131	Use of an electronic nose to evaluate disease activity in ulcerative colitis	Conf Report, OHSU	1	1-4	2016	Woodward et al	

132	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/
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