Clemens Ager

List of Publications by Year in Descending Order

21 papers	1,687 citations	16 h-index	22 g-index
22 ext. papers	1,887 ext. citations	4.1 avg, IF	3.79 L-index

#	Paper	IF	Citations
21	Effect of inhaled acetone concentrations on exhaled breath acetone concentrations at rest and during exercise. *Journal of Breath Research*, **2020**, 14, 026010	3.1	3
20	Modeling-based determination of physiological parameters of systemic VOCs by breath gas analysis, part 2. *Journal of Breath Research*, **2018**, 12, 036011	3.1	7
19	Analysis of volatile organic compounds in the breath of patients with stable or acute exacerbation of chronic obstructive pulmonary disease. *Journal of Breath Research*, **2018**, 12, 036002	3.1	33
18	Ex vivo emission of volatile organic compounds from gastric cancer and non-cancerous tissue. *Journal of Breath Research*, **2018**, 12, 046005	3.1	16
17	Predicting the future from the past: volatile markers for respiratory infections. *European Respiratory Journal*, **2017**, 49,	13.6	3
16	A Compendium of Volatile Organic Compounds (VOCs) Released By Human Cell Lines. *Current Medicinal Chemistry*, **2016**, 23, 2112-31	4.3	61
15	Breath analysis for in vivo detection of pathogens related to ventilator-associated pneumonia in intensive care patients: a prospective pilot study. *Journal of Breath Research*, **2015**, 9, 016004	3.1	61
14	Comparative analyses of volatile organic compounds (VOCs) from patients, tumors and transformed cell lines for the validation of lung cancer-derived breath markers. *Journal of Breath Research*, **2014**, 8, 027111	3.1	93
13	Multi-capillary-column proton-transfer-reaction time-of-flight mass spectrometry. *Journal of Chromatography A*, **2013**, 1316, 112-8	4.5	35
12	Volatile Organic Compounds (VOCs) Released by Pathogenic Microorganisms in vitro: Potential Breath Biomarkers for Early-Stage Diagnosis of Disease **2013**, 463-512		15
11	ABA-Cloud: support for collaborative breath research. *Journal of Breath Research*, **2013**, 7, 026007	3.1	3
10	Temporal profiling of human urine VOCs and its potential role under the ruins of collapsed buildings. *Toxicology Mechanisms and Methods*, **2012**, 22, 502-11	3.6	42
9	Optimization of sampling parameters for collection and preconcentration of alveolar air by needle traps. *Journal of Breath Research*, **2012**, 6, 027107	3.1	34
8	Molecular analysis of volatile metabolites released specifically by Staphylococcus aureus and Pseudomonas aeruginosa. *BMC Microbiology*, **2012**, 12, 113	4.5	152
7	Characterization of volatile metabolites taken up by or released from Streptococcus pneumoniae and Haemophilus influenzae by using GC-MS. *Microbiology (United Kingdom)*, **2012**, 158, 3044-3053	2.9	74
6	TD-GC-MS analysis of volatile metabolites of human lung cancer and normal cells in vitro. *Cancer Epidemiology Biomarkers and Prevention*, **2010**, 19, 182-95	4	172
5	Analysis of volatile organic compounds (VOCs) in the headspace of NCI-H1666 lung cancer cells. *Cancer Biomarkers*, **2010**, 7, 153-61	3.8	67

4	Noninvasive detection of lung cancer by analysis of exhaled breath. *BMC Cancer*, **2009**, 9, 348	4.8	389
3	Determination of volatile organic compounds in exhaled breath of patients with lung cancer using solid phase microextraction and gas chromatography mass spectrometry. *Clinical Chemistry and Laboratory Medicine*, **2009**, 47, 550-60	5.9	178
2	Release of volatile organic compounds from the lung cancer cell line NCI-H2087 in vitro. *Anticancer Research*, **2009**, 29, 419-26	2.3	103
1	Release of volatile organic compounds (VOCs) from the lung cancer cell line CALU-1 in vitro. *Cancer Cell International*, **2008**, 8, 17	6.4	146