

Clemens Ager

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Noninvasive detection of lung cancer by analysis of exhaled breath. <i>BMC Cancer</i> , 2009 , 9, 348	4.8	389
20	Determination of volatile organic compounds in exhaled breath of patients with lung cancer using solid phase microextraction and gas chromatography mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 550-60	5.9	178
19	TD-GC-MS analysis of volatile metabolites of human lung cancer and normal cells in vitro. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010 , 19, 182-95	4	172
18	Molecular analysis of volatile metabolites released specifically by Staphylococcus aureus and Pseudomonas aeruginosa. <i>BMC Microbiology</i> , 2012 , 12, 113	4.5	152
17	Release of volatile organic compounds (VOCs) from the lung cancer cell line CALU-1 in vitro. <i>Cancer Cell International</i> , 2008 , 8, 17	6.4	146
16	Release of volatile organic compounds from the lung cancer cell line NCI-H2087 in vitro. <i>Anticancer Research</i> , 2009 , 29, 419-26	2.3	103
15	Comparative analyses of volatile organic compounds (VOCs) from patients, tumors and transformed cell lines for the validation of lung cancer-derived breath markers. <i>Journal of Breath Research</i> , 2014 , 8, 027111	3.1	93
14	Characterization of volatile metabolites taken up by or released from Streptococcus pneumoniae and Haemophilus influenzae by using GC-MS. <i>Microbiology (United Kingdom)</i> , 2012 , 158, 3044-3053	2.9	74
13	Analysis of volatile organic compounds (VOCs) in the headspace of NCI-H1666 lung cancer cells. <i>Cancer Biomarkers</i> , 2010 , 7, 153-61	3.8	67
12	Breath analysis for in vivo detection of pathogens related to ventilator-associated pneumonia in intensive care patients: a prospective pilot study. <i>Journal of Breath Research</i> , 2015 , 9, 016004	3.1	61
11	A Compendium of Volatile Organic Compounds (VOCs) Released By Human Cell Lines. <i>Current Medicinal Chemistry</i> , 2016 , 23, 2112-31	4.3	61
10	Temporal profiling of human urine VOCs and its potential role under the ruins of collapsed buildings. <i>Toxicology Mechanisms and Methods</i> , 2012 , 22, 502-11	3.6	42
9	Multi-capillary-column proton-transfer-reaction time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2013 , 1316, 112-8	4.5	35
8	Optimization of sampling parameters for collection and preconcentration of alveolar air by needle traps. <i>Journal of Breath Research</i> , 2012 , 6, 027107	3.1	34
7	Analysis of volatile organic compounds in the breath of patients with stable or acute exacerbation of chronic obstructive pulmonary disease. <i>Journal of Breath Research</i> , 2018 , 12, 036002	3.1	33
6	Ex vivo emission of volatile organic compounds from gastric cancer and non-cancerous tissue. <i>Journal of Breath Research</i> , 2018 , 12, 046005	3.1	16
5	Volatile Organic Compounds (VOCs) Released by Pathogenic Microorganisms in vitro: Potential Breath Biomarkers for Early-Stage Diagnosis of Disease 2013 , 463-512		15

4	Modeling-based determination of physiological parameters of systemic VOCs by breath gas analysis, part 2. <i>Journal of Breath Research</i> , 2018 , 12, 036011	3.1	7
3	Predicting the future from the past: volatile markers for respiratory infections. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	3
2	ABA-Cloud: support for collaborative breath research. <i>Journal of Breath Research</i> , 2013 , 7, 026007	3.1	3
1	Effect of inhaled acetone concentrations on exhaled breath acetone concentrations at rest and during exercise. <i>Journal of Breath Research</i> , 2020 , 14, 026010	3.1	3