Wojciech Filipiak

List of Publications by Citations

25 papers	1,685 citations	15 h-index	26 g-index
26 ext. papers	1,880 ext. citations	4.2 avg, IF	4.02 L-index

#	Paper	IF	Citations
25	Noninvasive detection of lung cancer by analysis of exhaled breath. *BMC Cancer*, **2009**, 9, 348	4.8	389
24	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
23	Molecular analysis of volatile metabolites released specifically by Staphylococcus aureus and Pseudomonas aeruginosa. *BMC Microbiology*, **2012**, 12, 113	4.5	152
22	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
21	Dynamic profiles of volatile organic compounds in exhaled breath as determined by a coupled PTR-MS/GC-MS study. *Physiological Measurement*, **2010**, 31, 1169-84	2.9	132
20	Release of volatile organic compounds from the lung cancer cell line NCI-H2087 in vitro. *Anticancer Research*, **2009**, 29, 419-26	2.3	103
19	Breath isoprene--aspects of normal physiology related to age, gender and cholesterol profile as determined in a proton transfer reaction mass spectrometry study. *Clinical Chemistry and Laboratory Medicine*, **2008**, 46, 1011-8	5.9	101
18	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
17	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
16	Analysis of volatile organic compounds (VOCs) in the headspace of NCI-H1666 lung cancer cells. *Cancer Biomarkers*, **2010**, 7, 153-61	3.8	67
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	A Compendium of Volatile Organic Compounds (VOCs) Released By Human Cell Lines. *Current Medicinal Chemistry*, **2016**, 23, 2112-31	4.3	61
13	Optimization of sampling parameters for collection and preconcentration of alveolar air by needle traps. *Journal of Breath Research*, **2012**, 6, 027107	3.1	34
12	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
11	SPME in clinical, pharmaceutical, and biotechnological research How far are we from daily practice?. *TrAC - Trends in Analytical Chemistry*, **2019**, 115, 203-213	14.6	31
10	Volatile Organic Compounds (VOCs) Released by Pathogenic Microorganisms in vitro: Potential Breath Biomarkers for Early-Stage Diagnosis of Disease **2013**, 463-512		15
9	Simultaneous analysis of carbohydrates, polyols and amines in urine samples using chemical ionization gas chromatography with tandem mass spectrometry. *Journal of Separation Science*, **2018**, 41, 449-458	3.4	7

List of Publications

8	A rapid and eco-friendly method for determination of the main components of gamma-oryzanol in equestrian dietary and nutritional supplements by liquid chromatography-Tandem mass spectrometry. *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 172, 339-348	3.5	4
7	Study of sorptive properties of trap systems for selective enrichment of volatile organic compounds from tobacco smoke samples. *Toxicological and Environmental Chemistry*, **2008**, 90, 51-64	1.4	4
6	Predicting the future from the past: volatile markers for respiratory infections. *European Respiratory Journal*, **2017**, 49,	13.6	3
5	Analysis of triglycerides in butter, plant oils, and adulterated butter with LPGC-MS. *Monatshefte Fü Chemie*, **2018**, 149, 1573-1578	1.4	1
4	Application of Thin-Film Microextraction to Analyze Volatile Metabolites in A549 Cancer Cells. *Metabolites*, **2021**, 11,	5.6	1
3	HTGCMS for determination of flavonol glycosides in nutritional supplement with extract from Vaccinium macrocarpon. *Monatshefte Fü Chemie*, **2018**, 149, 1623-1627	1.4	0
2	GCMS analysis of waxes in candle without chromatographic separations. *Monatshefte Fü Chemie*, **2018**, 149, 1543-1548	1.4	
1	Nonsteroidal anti-inflammatory drug metabolism studies in horses in view of doping control: analytical strategies and challenges. *Analytical Methods*, **2019**, 11, 3767-3792	3.2	