

# Jens Herbig

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

2,067  
citations

471509

17  
h-index

752698

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1977  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proton transfer reactionâ€“mass spectrometry. , 2020, , 155-170.		3
2	Selective reagent ion-time of flight-mass spectrometry study of six common monoterpenes. International Journal of Mass Spectrometry, 2017, 421, 40-50.	1.5	15
3	Monoterpene separation by coupling proton transfer reaction time-of-flight mass spectrometry with fastGC. Analytical and Bioanalytical Chemistry, 2015, 407, 7757-7763.	3.7	24
4	Towards standardization in the analysis of breath gas volatiles. Journal of Breath Research, 2014, 8, 037101.	3.0	59
5	Mass spectrometry for real-time quantitative breath analysis. Journal of Breath Research, 2014, 8, 027101.	3.0	147
6	Theory and practical examples of the quantification of CH4, CO, O2, and CO2 with an advanced proton-transfer-reaction/selective-reagent-ionization instrument (PTR/SRI-MS). International Journal of Mass Spectrometry, 2014, 365-366, 10-14.	1.5	11
7	A Proton Transfer Reaction-Quadrupole interface Time-Of-Flight Mass Spectrometer (PTR-QiTOF): High speed due to extreme sensitivity. International Journal of Mass Spectrometry, 2014, 368, 1-5.	1.5	90
8	Wine analysis by FastGC proton-transfer reaction-time-of-flight-mass spectrometry. International Journal of Mass Spectrometry, 2014, 369, 81-86.	1.5	49
9	Multi-capillary-column proton-transfer-reaction time-of-flight mass spectrometry. Journal of Chromatography A, 2013, 1316, 112-118.	3.7	45
10	Real-time metabolic monitoring with proton transfer reaction mass spectrometry. Journal of Breath Research, 2013, 7, 036006.	3.0	21
11	Smokers Breath as Seen by Proton-Transfer-Reaction Time-of-Flight Mass Spectrometry (PTR-TOF-MS). , 2013, , 89-116.		8
12	First observation of a potential non-invasive breath gas biomarker for kidney function. Journal of Breath Research, 2013, 7, 017110.	3.0	38
13	Data interpretation in breath biomarker research: pitfalls and directions. Journal of Breath Research, 2012, 6, 036007.	3.0	84
14	Implementation of proton transfer reactionâ€“mass spectrometry (PTRâ€“MS) for advanced bioprocess monitoring. Biotechnology and Bioengineering, 2012, 109, 3059-3069.	3.3	44
15	On-line breath analysis with PTR-TOF. Journal of Breath Research, 2009, 3, 027004.	3.0	147
16	Proton Transfer Reaction-Mass Spectrometry Applications in Medical Research. Journal of Breath Research, 2009, 3, 020201.	3.0	14
17	On the use of TedlarÂ® bags for breath-gas sampling and analysis. Journal of Breath Research, 2008, 2, 046001.	3.0	177
18	Buffered end-tidal (BET) samplingâ€“a novel method for real-time breath-gas analysis. Journal of Breath Research, 2008, 2, 037008.	3.0	82

#	ARTICLE	IF	CITATIONS
19	Bose-Einstein-Kondensation mit Cäsium. Physik in Unserer Zeit, 2003, 34, 58-58.	0.0	0
20	Bose-Einstein Condensation of Cesium. Science, 2003, 299, 232-235.	12.6	397
21	Three-Body Recombination at Large Scattering Lengths in an Ultracold Atomic Gas. Physical Review Letters, 2003, 91, 123201.	7.8	197
22	Preparation of a Pure Molecular Quantum Gas. Science, 2003, 301, 1510-1513.	12.6	356
23	Nanometer-Scale Arrangement of Human Serum Albumin by Adsorption on Defect Arrays Created with a Finely Focused Ion Beam. Langmuir, 1998, 14, 6785-6788.	3.5	59