

# Jens Herbig

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7780137/publications.pdf>

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	Bose-Einstein Condensation of Cesium. <i>Science</i> , 2003, 299, 232-235.	12.6	397
2	Preparation of a Pure Molecular Quantum Gas. <i>Science</i> , 2003, 301, 1510-1513.	12.6	356
3	Three-Body Recombination at Large Scattering Lengths in an Ultracold Atomic Gas. <i>Physical Review Letters</i> , 2003, 91, 123201.	7.8	197
4	On the use of Tedlar® bags for breath-gas sampling and analysis. <i>Journal of Breath Research</i> , 2008, 2, 046001.	3.0	177
5	On-line breath analysis with PTR-TOF. <i>Journal of Breath Research</i> , 2009, 3, 027004.	3.0	147
6	Mass spectrometry for real-time quantitative breath analysis. <i>Journal of Breath Research</i> , 2014, 8, 027101.	3.0	147
7	A Proton Transfer Reaction-Quadrupole interface Time-Of-Flight Mass Spectrometer (PTR-QiTOF): High speed due to extreme sensitivity. <i>International Journal of Mass Spectrometry</i> , 2014, 368, 1-5.	1.5	90
8	Data interpretation in breath biomarker research: pitfalls and directions. <i>Journal of Breath Research</i> , 2012, 6, 036007.	3.0	84
9	Buffered end-tidal (BET) sampling—a novel method for real-time breath-gas analysis. <i>Journal of Breath Research</i> , 2008, 2, 037008.	3.0	82
10	Nanometer-Scale Arrangement of Human Serum Albumin by Adsorption on Defect Arrays Created with a Finely Focused Ion Beam. <i>Langmuir</i> , 1998, 14, 6785-6788.	3.5	59
11	Towards standardization in the analysis of breath gas volatiles. <i>Journal of Breath Research</i> , 2014, 8, 037101.	3.0	59
12	Wine analysis by FastGC proton-transfer reaction-time-of-flight-mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2014, 369, 81-86.	1.5	49
13	Multi-capillary-column proton-transfer-reaction time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1316, 112-118.	3.7	45
14	Implementation of proton transfer reaction—mass spectrometry (PTR—MS) for advanced bioprocess monitoring. <i>Biotechnology and Bioengineering</i> , 2012, 109, 3059-3069.	3.3	44
15	First observation of a potential non-invasive breath gas biomarker for kidney function. <i>Journal of Breath Research</i> , 2013, 7, 017110.	3.0	38
16	Monoterpene separation by coupling proton transfer reaction time-of-flight mass spectrometry with fastGC. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 7757-7763.	3.7	24
17	Real-time metabolic monitoring with proton transfer reaction mass spectrometry. <i>Journal of Breath Research</i> , 2013, 7, 036006.	3.0	21
18	Selective reagent ion-time of flight-mass spectrometry study of six common monoterpenes. <i>International Journal of Mass Spectrometry</i> , 2017, 421, 40-50.	1.5	15

#	ARTICLE	IF	CITATIONS
19	Proton Transfer Reaction-Mass Spectrometry Applications in Medical Research. Journal of Breath Research, 2009, 3, 020201.	3.0	14
20	Theory and practical examples of the quantification of CH <sub>4</sub> , CO, O <sub>2</sub> , and CO <sub>2</sub> 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
21	Smokers Breath as Seen by Proton-Transfer-Reaction Time-of-Flight Mass Spectrometry (PTR-TOF-MS). , 2013, , 89-116.		8
22	Proton transfer reactionâ€“mass spectrometry. , 2020, , 155-170.		3
23	Bose-Einstein-Kondensation mit CÃsium. Physik in Unserer Zeit, 2003, 34, 58-58.	0.0	0