

# Jörg Lambert

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

600  
citations

840776

11  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

997  
citing authors

#	ARTICLE	IF	CITATIONS
1	Choline-releasing glycerophosphodiesterase EDI3 drives tumor cell migration and metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8155-8160.	7.1	109
2	<sup>1</sup> H NMR analysis of sporopollenin from <i>Typha Angustifolia</i> . Phytochemistry, 1999, 50, 1095-1098.	2.9	84
3	Impact of Digestion Conditions on Phosphoproteomics. Journal of Proteome Research, 2014, 13, 2761-2770.	3.7	59
4	Glycerol-3-phosphate Acyltransferase 1 Promotes Tumor Cell Migration and Poor Survival in Ovarian Carcinoma. Cancer Research, 2017, 77, 4589-4601.	0.9	58
5	Microslot NMR Probe for Metabolomics Studies. Analytical Chemistry, 2008, 80, 8668-8672.	6.5	56
6	Looking into Living Cell Systems: Planar Waveguide Microfluidic NMR Detector for <i>in Vitro</i> Metabolomics of Tumor Spheroids. Analytical Chemistry, 2015, 87, 7402-7410.	6.5	46
7	HR-MAS NMR Based Quantitative Metabolomics in Breast Cancer. Metabolites, 2019, 9, 19.	2.9	31
8	Configurational assignment in N-acetylneuraminic acid and analogues via the geminal C,H coupling constants. Magnetic Resonance in Chemistry, 1990, 28, 888-901.	1.9	28
9	Probing Liquid-Liquid Interfaces with Spatially Resolved NMR Spectroscopy. Angewandte Chemie - International Edition, 2009, 48, 6343-6345.	13.8	26
10	Metabolic profiling of ob/ob mouse fatty liver using HR-MAS <sup>1</sup> H-NMR combined with gene expression analysis reveals alterations in betaine metabolism and the transsulfuration pathway. Analytical and Bioanalytical Chemistry, 2017, 409, 1591-1606.	3.7	26
11	Two- and three-dimensional mapping of the iron distribution in the apoplasmic fluid of plant leaf tissue by means of magnetic resonance imaging. Analytical and Bioanalytical Chemistry, 2006, 384, 231-236.	3.7	14
12	An approach to automated frequency-domain feature extraction in nuclear magnetic resonance spectroscopy. Journal of Magnetic Resonance, 2009, 201, 146-156.	2.1	9
13	Optimized selective lactate excitation with a refocused multiple-quantum filter. Journal of Magnetic Resonance, 2015, 255, 34-38.	2.1	9
14	A flow microslot NMR probe coupled with a capillary isotachopheresis system exhibits improved properties compared to solenoid designs. Analytical and Bioanalytical Chemistry, 2017, 409, 2471-2475.	3.7	9
15	In Vitro Spatio-Temporal NMR Metabolomics of Living 3D Cell Models. Analytical Chemistry, 2021, 93, 13485-13494.	6.5	9
16	Magnitude and sign of C,C coupling constants in acetylenes and allenes. Magnetic Resonance in Chemistry, 1987, 25, 456-461.	1.9	8
17	Experimental aspects of the SLAP pulse sequence for sign determination of <sup>13</sup> C- <sup>13</sup> C coupling constants. Journal of Magnetic Resonance, 1985, 63, 189-192.	0.5	7
18	Optimized multiple-quantum filter for robust selective excitation of metabolite signals. Journal of Magnetic Resonance, 2014, 243, 8-16.	2.1	6

#	ARTICLE	IF	CITATIONS
19	Sensitivity-enhancement of SLAP measurements by application of bilinear $\pi$ pulses. Journal of Magnetic Resonance, 1987, 73, 323-327.	0.5	3
20	Feature Selection by Lorentzian Peak Reconstruction for $^1\text{H}$ NMR Post-Processing. , 2008, , .		2
21	Hydroacridines XXV [1]. First Synthesis of (4a $\hat{+}$ ,8a $\hat{+}$ ,9a $\hat{+}$ ,10a $\hat{+}$ )-Tetradecahydroacridine and New Syntheses of (4a $\hat{+}$ ,8a $\hat{+}$ ,9a $\hat{+}$ ,10a $\hat{+}$ )- and (4a $\hat{+}$ ,8a $\hat{+}$ ,9a $\hat{+}$ ,10a $\hat{+}$ )-Tetradecahydroacridine. Monatshefte für Chemie, 2006, 137, 1551-1555.		1
22	A New Two-Dimensional Pulse Sequence for T2* Measurements of Protons in $^{13}\text{C}$ Isotopomers. Journal of Magnetic Resonance, 2001, 150, 175-177.	2.1	0