

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2560360/publications.pdf>

Version: 2024-02-01

18  
papers

866  
citations

759233

12  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1807  
citing authors

#	ARTICLE	IF	CITATIONS
1	A simple protocol for amino acid type selective isotope labeling in insect cells with improved yields and high reproducibility. <i>Journal of Biomolecular NMR</i> , 2011, 51, 449-456.	2.8	337
2	NMR in drug discovery: A practical guide to identification and validation of ligands interacting with biological macromolecules. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2016, 97, 82-125.	7.5	155
3	Nuclear Magnetic Resonance of Hyperpolarized Fluorine for Characterization of Protein-Ligand Interactions. <i>Journal of the American Chemical Society</i> , 2012, 134, 17448-17451.	13.7	76
4	Production of isotope-labeled proteins in insect cells for NMR. <i>Journal of Biomolecular NMR</i> , 2018, 71, 173-184.	2.8	57
5	Time efficient detection of protein-ligand interactions with the polarization optimized PO-WaterLOGSY NMR experiment. <i>Journal of Biomolecular NMR</i> , 2009, 43, 211-217.	2.8	49
6	Affordable uniform isotope labeling with <sup>2</sup> H, <sup>13</sup> C and <sup>15</sup> N in insect cells. <i>Journal of Biomolecular NMR</i> , 2015, 62, 191-197.	2.8	31
7	Structure determination of protein-ligand complexes by NMR in solution. <i>Methods</i> , 2018, 138-139, 3-25.	3.8	26
8	Enabling NMR Studies of High Molecular Weight Systems Without the Need for Deuteration: The XL-ALSOFAST Experiment with Delayed Decoupling. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19329-19337.	13.8	25
9	Rapid acquisition of <sup>1</sup> H and <sup>19</sup> F NMR experiments for direct and competition ligand-based screening. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 199-202.	1.9	19
10	Improved NMR experiments with <sup>13</sup> C-isotropic mixing for assignment of aromatic and aliphatic side chains in labeled proteins. <i>Journal of Biomolecular NMR</i> , 2014, 58, 101-112.	2.8	18
11	Isotope Labeling of Proteins in Insect Cells. <i>Methods in Enzymology</i> , 2015, 565, 245-288.	1.0	17
12	Isotope Labeling in Insect Cells. <i>Advances in Experimental Medicine and Biology</i> , 2012, 992, 179-196.	1.6	15
13	GPCR Activation States Induced by Nanobodies and Mini-G Proteins Compared by NMR Spectroscopy. <i>Molecules</i> , 2020, 25, 5984.	3.8	12
14	Cost-effective large-scale expression of proteins for NMR studies. <i>Journal of Biomolecular NMR</i> , 2018, 71, 247-262.	2.8	11
15	Efficient affinity ranking of fluorinated ligands by <sup>19</sup> F NMR: CSAR and FastCSAR. <i>Journal of Biomolecular NMR</i> , 2020, 74, 579-594.	2.8	8
16	Auto-inducing media for uniform isotope labeling of proteins with <sup>15</sup> N, <sup>13</sup> C and <sup>2</sup> H. <i>Journal of Biomolecular NMR</i> , 2015, 62, 169-177.	2.8	6
17	Assessing molecular interactions with biophysical methods using the validation cross. <i>Biochemical Society Transactions</i> , 2019, 47, 63-76.	3.4	4
18	NMR-Studien an biologischen Makromolekülen (>100 kDa) ohne Notwendigkeit der Deuterierung: Das XL-ALSOFAST Experiment mit verzögerter Entkopplung. <i>Angewandte Chemie</i> , 2020, 132, 19492-19501.	2.0	0