

# Teppei Ikeya

## List of Publications by Year in descending order

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21  
papers

749  
citations

840776

11  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

770  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein structure determination in living cells by in-cell NMR spectroscopy. <i>Nature</i> , 2009, 458, 102-105.	27.8	317
2	High-Resolution Heteronuclear Multidimensional NMR of Proteins in Living Insect Cells Using a Baculovirus Protein Expression System. <i>Journal of the American Chemical Society</i> , 2013, 135, 1688-1691.	13.7	81
3	High-Resolution Protein 3D Structure Determination in Living Eukaryotic Cells. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7284-7288.	13.8	52
4	Improved in-cell structure determination of proteins at near-physiological concentration. <i>Scientific Reports</i> , 2016, 6, 38312.	3.3	43
5	NMR protein structure determination in living <i>E. coli</i> cells using nonlinear sampling. <i>Nature Protocols</i> , 2010, 5, 1051-1060.	12.0	42
6	A new carbamidemethyl-linked lanthanoid chelating tag for PCS NMR spectroscopy of proteins in living HeLa cells. <i>Journal of Biomolecular NMR</i> , 2016, 66, 99-110.	2.8	42
7	Automated NMR structure determination of stereo-array isotope labeled ubiquitin from minimal sets of spectra using the SAIL-FLYA system. <i>Journal of Biomolecular NMR</i> , 2009, 44, 261-272.	2.8	27
8	Exclusively NOESY-based automated NMR assignment and structure determination of proteins. <i>Journal of Biomolecular NMR</i> , 2011, 50, 137-146.	2.8	26
9	An in-cell NMR study of monitoring stress-induced increase of cytosolic Ca <sup>2+</sup> concentration in HeLa cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 653-659.	2.1	26
10	Solution NMR views of dynamical ordering of biomacromolecules. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 287-306.	2.4	26
11	Protein Structure Determination in Living Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2442.	4.1	25
12	Protein NMR Structure Refinement based on Bayesian Inference. <i>Journal of Physics: Conference Series</i> , 2016, 699, 012005.	0.4	10
13	High-Resolution Protein 3D Structure Determination in Living Eukaryotic Cells. <i>Angewandte Chemie</i> , 2019, 131, 7362-7366.	2.0	9
14	Automated resonance assignment of the 21 kDa stereo-array isotope labeled thioldisulfide oxidoreductase DsbA. <i>Journal of Magnetic Resonance</i> , 2014, 249, 88-93.	2.1	7
15	Evaluation of the reliability of the maximum entropy method for reconstructing 3D and 4D NOESY-type NMR spectra of proteins. <i>Biochemical and Biophysical Research Communications</i> , 2015, 457, 200-205.	2.1	5
16	Molecular mechanism of glycolytic flux control intrinsic to human phosphoglycerate kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	5
17	Targeting chromosome trisomy for chromosome editing. <i>Scientific Reports</i> , 2021, 11, 18054.	3.3	3
18	A specific single-stranded DNA induces a distinct conformational change in the nucleoid-associated protein HU. <i>Biochemistry and Biophysics Reports</i> , 2016, 8, 318-324.	1.3	1

#	ARTICLE	IF	CITATIONS
19	Structure, Dynamics and Folding Stability of Proteins Inside Living Cells: Recent Findings from In-cell NMR Studies. <i>Seibutsu Butsuri</i> , 2013, 53, 076-081.	0.1	1
20	2P-022 Investigating protein three-dimensional structures inside living cells by in-cell NMR spectroscopy(The 46th Annual Meeting of the Biophysical Society of Japan). <i>Seibutsu Butsuri</i> , 2008, 48, S78.	0.1	0
21	Influence of NMR Data Completeness on Structure Determinations of Homodimeric Proteins. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 1297-1306.	1.4	0