

Michał, E Nowakowski

List of Publications by Year in descending order

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papers

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35
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Pitfalls in compressed sensing reconstruction and how to avoid them. <i>Journal of Biomolecular NMR</i> , 2017, 68, 79-98.	2.8	49
2	New Analogues of the Potent Cytotoxic Saponin OSW-1. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 3667-3673.	6.4	45
3	Applications of high dimensionality experiments to biomolecular NMR. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2015, 90-91, 49-73.	7.5	33
4	Metal-coupled folding as the driving force for the extreme stability of Rad50 zinc hook dimer assembly. <i>Scientific Reports</i> , 2016, 6, 36346.	3.3	33
5	Complex formation of fenchone with β -cyclodextrin: NMR titrations. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 79, 337-342.	1.6	29
6	Impact of Calcium Binding and Thionylation of S100A1 Protein on Its Nuclear Magnetic Resonance-Derived Structure and Backbone Dynamics. <i>Biochemistry</i> , 2013, 52, 1149-1159.	2.5	23
7	Fast 2D NMR Spectroscopy for In vivo Monitoring of Bacterial Metabolism in Complex Mixtures. <i>Frontiers in Microbiology</i> , 2017, 8, 1306.	3.5	23
8	Solution NMR structure and dynamics of human apo-S100A1 protein. <i>Journal of Structural Biology</i> , 2011, 174, 391-399.	2.8	22
9	Joint non-uniform sampling of all incremented time delays for quicker acquisition in protein relaxation studies. <i>Journal of Biomolecular NMR</i> , 2017, 68, 155-161.	2.8	19
10	Spatial attributes of the four-helix bundle group of bacteriocins – The high-resolution structure of BacSp222 in solution. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 2715-2724.	7.5	17
11	The solution structure of the MANEC-type domain from hepatocyte growth factor activator inhibitor-1 reveals an unexpected PAN/apple domain-type fold. <i>Biochemical Journal</i> , 2015, 466, 299-309.	3.7	15
12	The Quest for Simplicity: Remarks on the Free-Approach Models. <i>Journal of Physical Chemistry B</i> , 2015, 119, 11978-11987.	2.6	14
13	<i>N</i> -(ureidoethyl)amides of cyclic enkephalin analogs. <i>Journal of Peptide Science</i> , 2009, 15, 312-318.	1.4	13
14	Metal Exchange in the Interprotein Zn ^{II} -Binding Site of the Rad50 Hook Domain: Structural Insights into Cd ^{II} -Induced DNA Repair Inhibition. <i>Chemistry - A European Journal</i> , 2020, 26, 3297-3313.	3.3	12
15	Determination of association constants at moderately fast chemical exchange: Complexation of camphor enantiomers by β -cyclodextrin. <i>Journal of Magnetic Resonance</i> , 2006, 181, 304-309.	2.1	11
16	Shape adaptation of quinine in cyclodextrin cavities: NMR studies. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 6925-6934.	2.8	11
17	Backbone Assignment of the MALT1 Paracaspase by Solution NMR. <i>PLoS ONE</i> , 2016, 11, e0146496.	2.5	10
18	Fast evaluation of protein dynamics from deficient ¹⁵ N relaxation data. <i>Journal of Biomolecular NMR</i> , 2018, 70, 219-228.	2.8	9

#	ARTICLE	IF	CITATIONS
19	Temperature as an Extra Dimension in Multidimensional Protein NMR Spectroscopy. Chemistry - A European Journal, 2021, 27, 1753-1767.	3.3	9
20	Structure, Biosynthesis, and Biological Activity of Succinylated Forms of Bacteriocin BacSp222. International Journal of Molecular Sciences, 2021, 22, 6256.	4.1	9
21	Ureido group containing cyclic dermorphin(1-7) analogues: synthesis, biology and conformation. Journal of Peptide Science, 2007, 13, 519-528.	1.4	8
22	Dynamic $^{15}\text{N}\{^1\text{H}\}$ NOE measurements: a tool for studying protein dynamics. Journal of Biomolecular NMR, 2020, 74, 707-716.	2.8	8
23	Selective diagonal-free $^{13}\text{C},^{13}\text{C}$ -edited aliphatic-aromatic NOESY experiment with non-uniform sampling. Journal of Biomolecular NMR, 2013, 56, 217-226.	2.8	7
24	Novel Cyclic Biphalin Analogues by Ruthenium-Catalyzed Ring Closing Metathesis: <i>in Vivo</i> and <i>in Vitro</i> Biological Profile. ACS Medicinal Chemistry Letters, 2019, 10, 450-456.	2.8	5
25	NMR studies of inclusion complexes: naphthalene and natural cyclodextrins. Physical Chemistry Chemical Physics, 2022, 24, 13690-13697.	2.8	5
26	Synthesis, Biological Activity, and NMR-Based Structural Studies of Deltorphan I Analogs Modified in Message Domain with a New α -Disubstituted Glycines. Chemical Biology and Drug Design, 2016, 87, 824-832.	3.2	4
27	Size makes a difference: Chiral recognition in complexes of fenchone with cyclodextrins studied by means of NMR titration. Chirality, 2017, 29, 747-758.	2.6	4
28	Sialorphan and its analog as ligands for copper(II) ions. Polyhedron, 2013, 55, 216-224.	2.2	3
29	Analogues of deltorphan I containing conformationally restricted amino acids in position 2: structure and opioid activity. Journal of Peptide Science, 2015, 21, 120-125.	1.4	3
30	Complexation of aminoglutethimide with native and modified cyclodextrins. Journal of Physical Organic Chemistry, 2009, 22, 948-953.	1.9	2
31	NMR structural studies of the first catalytic half-domain of ubiquitin activating enzyme. Journal of Structural Biology, 2014, 185, 69-78.	2.8	2
32	The impact of α -azido(or α -piperidinyloxy)methylamino acids in position 2 or 3 on biological activity and conformation of dermorphin analogues. Journal of Peptide Science, 2016, 22, 545-551.	1.4	1