

Michael Spoerner

List of Publications by Year in descending order

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15
papers

745
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

797
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth and Thallus Morphogenesis of <i>Ulva mutabilis</i> (Chlorophyta) Depends on A Combination of Two Bacterial Species Excreting Regulatory Factors. <i>Journal of Phycology</i> , 2012, 48, 1433-1447.	2.3	180
2	Conformational States of Human Rat Sarcoma (Ras) Protein Complexed with Its Natural Ligand GTP and Their Role for Effector Interaction and GTP Hydrolysis. <i>Journal of Biological Chemistry</i> , 2010, 285, 39768-39778.	3.4	120
3	Fundamental Link between Folding States and Functional States of Proteins. <i>Journal of the American Chemical Society</i> , 2009, 131, 16714-16719.	13.7	90
4	Conformational States of Ras Complexed with the GTP Analogue GppNHp or GppCH2p: Implications for the Interaction with Effector Proteins. <i>Biochemistry</i> , 2005, 44, 2225-2236.	2.5	85
5	Perturbation of the conformational equilibria in Ras by selective mutations as studied by ³¹ P NMR spectroscopy. <i>FEBS Letters</i> , 2004, 578, 305-310.	2.8	64
6	Intrinsic Allosteric Inhibition of Signaling Proteins by Targeting Rare Interaction States Detected by High-Pressure NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 14242-14246.	13.8	60
7	Structure of the Metal-Water Complex in Ras-GDP Studied by High-Field EPR Spectroscopy and ³¹ P NMR Spectroscopy. <i>Biochemistry</i> , 2001, 40, 1884-1889.	2.5	46
8	Structural insights into the small G-protein Arl13B and implications for Joubert syndrome. <i>Biochemical Journal</i> , 2014, 457, 301-311.	3.7	41
9	Equilibria between conformational states of the Ras oncogene protein revealed by high pressure crystallography. <i>Chemical Science</i> , 2022, 13, 2001-2010.	7.4	17
10	Conformational states of human H-Ras detected by high-field EPR, ENDOR, and ³¹ P NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2005, 43, S74-S83.	1.9	14
11	State 1(T) Inhibitors of Activated Ras. <i>The Enzymes</i> , 2013, 33 Pt A, 69-94.	1.7	10
12	High pressure ³¹ P NMR spectroscopy on guanine nucleotides. <i>Journal of Biomolecular NMR</i> , 2017, 67, 1-13.	2.8	7
13	Solid-State ³¹ P NMR Spectroscopy of Precipitated Guanine Nucleotide-Binding Protein Ras in Complexes with Its Effector Molecules Raf Kinase and RalGDS. <i>Journal of Physical Chemistry B</i> , 2007, 111, 2752-2757.	2.6	4
14	Pressure response of ³¹ P chemical shifts of adenine nucleotides. <i>Biophysical Chemistry</i> , 2017, 231, 50-54.	2.8	4
15	Synthesis of New Water-Soluble Cholesterol Derivatives. <i>Synthetic Communications</i> , 2011, 41, 2876-2887.	2.1	3