

Raphael Stoll

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40
papers

734
citations

12
h-index

26
g-index

41
ext. papers

843
ext. citations

3.9
avg, IF

3.45
L-index

#	Paper	IF	Citations
40	Chalcone derivatives antagonize interactions between the human oncoprotein MDM2 and p53. <i>Biochemistry</i> , 2001 , 40, 336-44	3.2	248
39	Structure of the Wilms tumor suppressor protein zinc finger domain bound to DNA. <i>Journal of Molecular Biology</i> , 2007 , 372, 1227-45	6.5	82
38	Ras homolog enriched in brain (Rheb) enhances apoptotic signaling. <i>Journal of Biological Chemistry</i> , 2010 , 285, 33979-91	5.4	44
37	A halogen-bonding-catalysed Nazarov cyclisation reaction. <i>Chemical Communications</i> , 2019 , 55, 8262-8265	5.8	34
36	Bisphenol A binds to Ras proteins and competes with guanine nucleotide exchange: implications for GTPase-selective antagonists. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 9664-72	8.3	33
35	Structural insights into photosystem II assembly. <i>Nature Plants</i> , 2021 , 7, 524-538	11.5	31
34	Backbone dynamics of the human MIA protein studied by (15)N NMR relaxation: implications for extended interactions of SH3 domains. <i>Protein Science</i> , 2003 , 12, 510-9	6.3	25
33	Preliminary structural characterisation of the 33 kDa protein (PsbO) in solution studied by site-directed mutagenesis and NMR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 4878-4881	3.6	22
32	Ras and rheb signaling in survival and cell death. <i>Cancers</i> , 2013 , 5, 639-61	6.6	20
31	S-adenosylmethionine-binding properties of a bacterial phospholipid N-methyltransferase. <i>Journal of Bacteriology</i> , 2011 , 193, 3473-81	3.5	20
30	Targeting melanoma metastasis and immunosuppression with a new mode of melanoma inhibitory activity (MIA) protein inhibition. <i>PLoS ONE</i> , 2012 , 7, e37941	3.7	18
29	Sequence-specific 1H, 13C, and 15N assignment of the human melanoma inhibitory activity (MIA) protein. <i>Journal of Biomolecular NMR</i> , 2000 , 17, 87-8	3	17
28	STD-NMR-Based Protein Engineering of the Unique Arylpropionate-Racemase AMDase G74C. <i>ChemBioChem</i> , 2015 , 16, 1943-1949	3.8	12
27	The small GTPases Ras and Rheb studied by multidimensional NMR spectroscopy: structure and function. <i>Biological Chemistry</i> , 2017 , 398, 577-588	4.5	11
26	Sequence-specific 1H, 15N, and 13C assignment of the N-terminal domain of the human oncoprotein MDM2 that binds to p53. <i>Journal of Biomolecular NMR</i> , 2000 , 17, 91-2	3	11
25	Rheb in neuronal degeneration, regeneration, and connectivity. <i>Biological Chemistry</i> , 2017 , 398, 589-606	4.5	10
24	The Bisphenol A analogue Bisphenol S binds to K-Ras4B--implications for BPA-free plastics. <i>FEBS Letters</i> , 2016 , 590, 369-75	3.8	10

23	Sequence-specific ¹ H, ¹³ C, and ¹⁵ N backbone assignment of the GTPase rRheb in its GDP-bound form. <i>Biomolecular NMR Assignments</i> , 2007 , 1, 45-7	0.7	10
22	Solid phase synthesis, NMR structure determination of β KTx3.8, its in silico docking to Kv1.x potassium channels, and electrophysiological analysis provide insights into toxin-channel selectivity. <i>Toxicon</i> , 2015 , 101, 70-8	2.8	8
21	Sequence-specific ¹ H, ¹³ C, and ¹⁵ N backbone assignment of the activated 21 kDa GTPase rRheb. <i>Biomolecular NMR Assignments</i> , 2007 , 1, 105-8	0.7	8
20	Allosteric Activation of GDP-Bound Ras Isoforms by Bisphenol Derivative Plasticisers. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	7
19	Detailed analysis of MIA protein by mutagenesis. <i>Biological Chemistry</i> , 2006 , 387, 1601-6	4.5	6
18	Design, Synthesis, and Cytotoxicity of 5-Fluoro-2-methyl-6-(4-aryl-piperazin-1-yl) Benzoxazoles. <i>Molecules</i> , 2016 , 21,	4.8	6
17	Design, synthesis, and antimicrobial evaluation of novel 2-arylbenzothiazole analogs bearing fluorine and piperazine moieties. <i>Monatshefte Für Chemie</i> , 2018 , 149, 645-651	1.4	5
16	Solution structure of the NDH-1 complex subunit CupS from <i>Thermosynechococcus elongatus</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015 , 1847, 1212-9	4.6	5
15	Zn-triggered self-assembly of Gonadorelin [6-D-Phe] to produce nanostructures and fibrils. <i>Scientific Reports</i> , 2018 , 8, 11280	4.9	4
14	Molecular Basis of Class III Ligand Recognition by PDZ3 in Murine Protein Tyrosine Phosphatase PTPN13. <i>Journal of Molecular Biology</i> , 2018 , 430, 4275-4292	6.5	4
13	Sequence-specific (¹ H), (¹³ C), and (¹⁵ N) backbone assignment of the 28 kDa PDZ2/PDZ3 tandem domain of the protein tyrosine phosphatase PTP-BL. <i>Biomolecular NMR Assignments</i> , 2007 , 1, 151-3	0.7	3
12	Biophysical Characterization of Pro-apoptotic BimBH3 Peptides Reveals an Unexpected Capacity for Self-Association. <i>Structure</i> , 2021 , 29, 114-124.e3	5.2	3
11	The binding affinity of PTPN13's tandem PDZ2/3 domain is allosterically modulated. <i>BMC Molecular and Cell Biology</i> , 2019 , 20, 23	2.7	2
10	Sequence-selective molecular recognition of the C-terminal CaaX-boxes of Rheb and related Ras-proteins by synthetic receptors. <i>ACS Chemical Biology</i> , 2014 , 9, 1755-63	4.9	2
9	Sequence-specific ¹ H, ¹³ C, and ¹⁵ N assignment of the extended PDZ3 domain of the protein tyrosine phosphatase basophil-like PTP-BL. <i>Biomolecular NMR Assignments</i> , 2010 , 4, 199-202	0.7	2
8	Design, Synthesis and Bioactivity of Benzimidazole Carbamates as Soil Borne Anti-Bungal Agents <i>Chemistry Proceedings</i> , 2021 , 3, 64		2
7	Sequence-Selective Covalent CaaX-Box Receptors Prevent Farnesylation of Oncogenic Ras Proteins and Impact MAPK/PI3 K Signaling. <i>ChemMedChem</i> , 2021 , 16, 2504-2514	3.7	2
6	The cyanobacterial cytochrome b6f subunit PetP adopts an SH3 fold in solution. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016 , 1857, 705-14	4.6	2

5	(1)H, (13)C and (15)N chemical shift assignments of the NDH-1 complex subunit CupS. <i>Biomolecular NMR Assignments</i> , 2015 , 9, 169-71	0.7	1
4	NMR-based Drug Development and Improvement Against Malignant Melanoma - Implications for the MIA Protein Family. <i>Current Medicinal Chemistry</i> , 2017 , 24, 1788-1796	4.3	1
3	Targeting the "undruggable" RAS - new strategies - new hope? 2019 , 2, 813-826		1
2	NOE distance and dihedral angle restraints to calculate the solution structure of the NDH-1 complex subunit CupS from <i>Thermosynechococcus elongatus</i> . <i>Data in Brief</i> , 2016 , 6, 249-52	1.2	1
1	The Structure in Solution of Fibronectin Type III Domain 14 Reveals Its Synergistic Heparin Binding Site. <i>Biochemistry</i> , 2018 , 57, 6045-6049	3.2	1