

Sandeep Chhabra

List of Publications by Year in descending order

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35
papers

1,536
citations

471371

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docs citations

39
times ranked

2577
citing authors

#	ARTICLE	IF	CITATIONS
1	CDK4/6 Inhibition Augments Antitumor Immunity by Enhancing T-cell Activation. <i>Cancer Discovery</i> , 2018, 8, 216-233.	7.7	503
2	DOTA-Amide Lanthanide Tag for Reliable Generation of Pseudocontact Shifts in Protein NMR Spectra. <i>Bioconjugate Chemistry</i> , 2011, 22, 2118-2125.	1.8	104
3	Aromatic ¹⁹ F- ¹³ C TROSY: a background-free approach to probe biomolecular structure, function, and dynamics. <i>Nature Methods</i> , 2019, 16, 333-340.	9.0	82
4	Kv1.3 channel blocking immunomodulatory peptides from parasitic worms: implications for autoimmune diseases. <i>FASEB Journal</i> , 2014, 28, 3952-3964.	0.2	76
5	A potent and Kv1.3-selective analogue of the scorpion toxin HsTX1 as a potential therapeutic for autoimmune diseases. <i>Scientific Reports</i> , 2014, 4, 4509.	1.6	73
6	A Potent and Selective Peptide Blocker of the Kv1.3 Channel: Prediction from Free-Energy Simulations and Experimental Confirmation. <i>PLoS ONE</i> , 2013, 8, e78712.	1.1	58
7	Dicarba Analogues of $\hat{\pm}$ -Conotoxin RglA. Structure, Stability, and Activity at Potential Pain Targets. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 9933-9944.	2.9	56
8	Development of Highly Selective Kv1.3-Blocking Peptides Based on the Sea Anemone Peptide ShK. <i>Marine Drugs</i> , 2015, 13, 529-542.	2.2	55
9	VPS29 Is Not an Active Metallo-Phosphatase but Is a Rigid Scaffold Required for Retromer Interaction with Accessory Proteins. <i>PLoS ONE</i> , 2011, 6, e20420.	1.1	53
10	A Novel Inhibitor of $\hat{\pm}$ 10 Nicotinic Acetylcholine Receptors from <i>Conus vexillum</i> Delineates a New Conotoxin Superfamily. <i>PLoS ONE</i> , 2013, 8, e54648.	1.1	47
11	An Iminodiacetic Acid Based Lanthanide Binding Tag for Paramagnetic Exchange NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4403-4406.	7.2	45
12	Engineering of a bis-chelator motif into a protein $\hat{\pm}$ -helix for rigid lanthanide binding and paramagnetic NMR spectroscopy. <i>Chemical Communications</i> , 2011, 47, 7368.	2.2	44
13	¹⁵ N detection harnesses the slow relaxation property of nitrogen: Delivering enhanced resolution for intrinsically disordered proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1710-E1719.	3.3	40
14	$\hat{\pm}$ -Mercaptoguanine Derivatives as Inhibitors of Dihydropteroate Synthase. <i>Chemistry - A European Journal</i> , 2018, 24, 1922-1930.	1.7	33
15	N-terminally extended analogues of the K ⁺ channel toxin from <i>Stichodactyla helianthus</i> as potent and selective blockers of the voltage-gated potassium channel Kv1.3. <i>FEBS Journal</i> , 2015, 282, 2247-2259.	2.2	26
16	A Potent Cyclic Peptide Targeting SPSB2 Protein as a Potential Anti-infective Agent. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 7006-7015.	2.9	25
17	Structure of <i>S. aureus</i> HPPK and the Discovery of a New Substrate Site Inhibitor. <i>PLoS ONE</i> , 2012, 7, e29444.	1.1	24
18	Interactions of disulfide-deficient selenocysteine analogs of $\hat{\pm}$ 4-conotoxin Bu ^{III} with the $\hat{\pm}$ -subunit of the voltage-gated sodium channel subtype 1.3. <i>FEBS Journal</i> , 2014, 281, 2885-2898.	2.2	17

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19	Exploring the Chemical Space around 8-Mercaptoguanine as a Route to New Inhibitors of the Folate Biosynthesis Enzyme HPPK. PLoS ONE, 2013, 8, e59535.	1.1	17
20	Conformational Flexibility in the Binding Surface of the Potassium Channel Blocker ShK. ChemBioChem, 2014, 15, 2402-2410.	1.3	16
21	A Naturally Occurring Peptide with an Elementary Single Disulfide-Directed β^2 -Hairpin Fold. Structure, 2016, 24, 293-299.	1.6	16
22	Stereoselective synthesis and structural elucidation of dicarba peptides. Chemical Communications, 2016, 52, 4446-4449.	2.2	15
23	Distribution and kinetics of the Kv1.3-blocking peptide HsTX1[R14A] in experimental rats. Scientific Reports, 2017, 7, 3756.	1.6	15
24	Structure-Based Design and Development of Functionalized Mercaptoguanine Derivatives as Inhibitors of the Folate Biosynthesis Pathway Enzyme 6-Hydroxymethyl-7,8-dihydropterin Pyrophosphokinase from <i>Staphylococcus aureus</i> . Journal of Medicinal Chemistry, 2014, 57, 9612-9626.	2.9	14
25	Structure and activity of contryphan-Vc2: Importance of the d -amino acid residue. Toxicon, 2017, 129, 113-122.	0.8	13
26	Local Deuteration Enables NMR Observation of Methyl Groups in Proteins from Eukaryotic and Cell-Free Expression Systems. Angewandte Chemie - International Edition, 2021, 60, 13783-13787.	7.2	13
27	Installation of a Rigid EDTA-Like Motif into a Protein α -Helix for Paramagnetic NMR Spectroscopy with Cobalt(II) Ions. Chemistry - A European Journal, 2016, 22, 1228-1232.	1.7	12
28	Exploration of Rate-Limiting Conformational State for 5-[(7-Chloro-4-quinolinyl)amino]-3-[(alkylamino)methyl][1,1'-biphenyl]-2-ols and Ni ⁰ -Oxides (Tebuquine) Tj ETQ ₀ 0 0 rgBT /Overloc Studies. Journal of Chemical Information and Modeling, 2007, 47, 1087-1096.	2.5	9
29	Alkyne-Bridged α -Conotoxin Vc1.1 Potently Reverses Mechanical Allodynia in Neuropathic Pain Models. Journal of Medicinal Chemistry, 2021, 64, 3222-3233.	2.9	9
30	Reinvestigation of the biological activity of d-allo-ShK protein. Journal of Biological Chemistry, 2017, 292, 12599-12605.	1.6	7
31	Crystallization and preliminary X-ray analysis of 6-hydroxymethyl-7,8-dihydropterin pyrophosphokinase from <i>Staphylococcus aureus</i> . Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 575-578.	0.7	5
32	Fragment Screening on Staphylococcus aureus HPPK as a Folate Pathway Target. Australian Journal of Chemistry, 2013, 66, 1537.	0.5	4
33	Structural Basis for the Inhibition of Voltage-gated Sodium Channels by Conotoxin β_4 O β -CVIII. Journal of Biological Chemistry, 2016, 291, 7205-7220.	1.6	4
34	Titelbild: Lokale Deuterierung ermöglicht NMR-Messung von Methylgruppen in Proteinen aus eukaryotischen und Zell-freien Expressionssystemen (Angew. Chem. 25/2021). Angewandte Chemie, 2021, 133, 13801-13801.	1.6	0
35	Lokale Deuterierung ermöglicht NMR-Messung von Methylgruppen in Proteinen aus eukaryotischen und Zell-freien Expressionssystemen. Angewandte Chemie, 2021, 133, 13902-13906.	1.6	0