

Brian J Smith

List of Publications by Year in descending order

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Version: 2024-02-01

204
papers

13,471
citations

24978

57
h-index

25716

108
g-index

209
all docs

209
docs citations

209
times ranked

13960
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion currents through Kir potassium channels are gated by anionic lipids. Nature Communications, 2022, 13, 490.	5.8	9
2	Discovery, synthesis and exploration of N-benzylsulfonyl-2-phenylazepanes as inhibitors of Bim expression in a mouse embryonic fibroblast model. Bioorganic Chemistry, 2022, 120, 105635.	2.0	0
3	The Bak core dimer focuses triacylglycerides in the membrane. Biophysical Journal, 2022, 121, 347-360.	0.2	1
4	Structure of the BAK-activating antibody 7D10 bound to BAK reveals an unexpected role for the $\hat{\pm}1\hat{\pm}2$ loop in BAK activation. Cell Death and Differentiation, 2022, 29, 1757-1768.	5.0	4
5	Structure-Activity Studies of Truncated Latrunculin Analogues with Antimalarial Activity. ChemMedChem, 2021, 16, 679-693.	1.6	2
6	Optimization of Benzothiazole and Thiazole Hydrazones as Inhibitors of Schistosome BCL-2. ACS Infectious Diseases, 2021, 7, 1143-1163.	1.8	3
7	Structure-Guided Development of Potent Benzoylurea Inhibitors of BCL-X _L and BCL-2. Journal of Medicinal Chemistry, 2021, 64, 5447-5469.	2.9	5
8	Predicting aqueous solubility by QSPR modeling. Journal of Molecular Graphics and Modelling, 2021, 106, 107901.	1.3	18
9	Diversity in the intrinsic apoptosis pathway of nematodes. Communications Biology, 2020, 3, 478.	2.0	4
10	Structure of the Plasmodium falciparum PfSERA5 pseudo-czymogen. Protein Science, 2020, 29, 2245-2258.	3.1	3
11	BAK core dimers bind lipids and can be bridged by them. Nature Structural and Molecular Biology, 2020, 27, 1024-1031.	3.6	49
12	A structurally minimized yet fully active insulin based on cone-snail venom insulin principles. Nature Structural and Molecular Biology, 2020, 27, 615-624.	3.6	36
13	Structure-Activity Relationship Study Reveals the Molecular Basis for Specific Sensing of Hydrophobic Amino Acids by the Campylobacter jejuni Chemoreceptor Tlp3. Biomolecules, 2020, 10, 744.	1.8	14
14	A constricted opening in Kir channels does not impede potassium conduction. Nature Communications, 2020, 11, 3024.	5.8	14
15	Register-shift-insulin analogs uncover constraints of proteotoxicity in protein evolution. Journal of Biological Chemistry, 2020, 295, 3080-3098.	1.6	11
16	Two-year efficacy of varenicline tartrate and counselling for inpatient smoking cessation (STOP) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 14	1.1	12
17	Title is missing!. , 2020, 15, e0231095.		0
18	Title is missing!. , 2020, 15, e0231095.		0

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19	Title is missing!. , 2020, 15, e0231095.		0
20	Title is missing!. , 2020, 15, e0231095.		0
21	Title is missing!., 2020, 15, e0231095.		0
22	Title is missing!. , 2020, 15, e0231095.		0
23	BCL-2 family protein BOK is a positive regulator of uridine metabolism in mammals. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15469-15474.	3.3	31
24	Molecular evolution of the switch for progesterone and spironolactone from mineralocorticoid receptor agonist to antagonist. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18578-18583.	3.3	34
25	Structural analysis of phosphorylation-associated interactions of human MCC with Scribble PDZ domains. FEBS Journal, 2019, 286, 4910-4925.	2.2	18
26	Interaction of Small Ionic Species With Phospholipid Membranes: The Role of Metal Coordination. Frontiers in Materials, 2019, 5, .	1.2	17
27	Structural insights into BCL2 pro-survival protein interactions with the key autophagy regulator BECN1 following phosphorylation by STK4/MST1. Autophagy, 2019, 15, 785-795.	4.3	38
28	Fish-hunting cone snail venoms are a rich source of minimized ligands of the vertebrate insulin receptor. ELife, 2019, 8, .	2.8	49
29	Solution structure of an ultra-stable single-chain insulin analog connects protein dynamics to a novel mechanism of receptor binding. Journal of Biological Chemistry, 2018, 293, 69-88.	1.6	12
30	Transferrin receptor 1 is a reticulocyte-specific receptor for <i>Plasmodium vivax</i> . Science, 2018, 359, 48-55.	6.0	158
31	Evaluation of existing experimental evidence for treatment of depression in indigenous populations: A systematic review. Australian Journal of Psychology, 2018, 70, 305-317.	1.4	3
32	Short-acting bronchodilators for the management of acute exacerbations of chronic obstructive pulmonary disease in the hospital setting: systematic review. Systematic Reviews, 2018, 7, 213.	2.5	19
33	Predicting the Enthalpy and Gibbs Energy of Sublimation by QSPR Modeling. Scientific Reports, 2018, 8, 9779.	1.6	15
34	Sustainable Syntheses of (âˆ™)-Jerantinines A & E and Structural Characterisation of the Jerantinine-Tubulin Complex at the Colchicine Binding Site. Scientific Reports, 2018, 8, 10617.	1.6	10
35	Conformational switching of the pseudokinase domain promotes human MLKL tetramerization and cell death by necroptosis. Nature Communications, 2018, 9, 2422.	5.8	154
36	Bronchoscopic lung volume reduction procedures for chronic obstructive pulmonary disease. The Cochrane Library, 2017, 2, CD012158.	1.5	24

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37	Non-Standard Protein Engineering at the Boundary of Molecular Mechanics and Quantum Chemistry: Halogen-Based Design of Insulin Analogs. <i>Biophysical Journal</i> , 2017, 112, 53a.	0.2	0
38	Psychological therapies for the treatment of anxiety disorders in chronic obstructive pulmonary disease. <i>The Cochrane Library</i> , 2017, 2017, CD010673.	1.5	36
39	Conversion of Bim-BH3 from Activator to Inhibitor of Bak through Structure-Based Design. <i>Molecular Cell</i> , 2017, 68, 659-672.e9.	4.5	57
40	BioPPSy: An Open-Source Platform for QSAR/QSPR Analysis. <i>PLoS ONE</i> , 2016, 11, e0166298.	1.1	11
41	Membrane Core-Specific Antimicrobial Action of Cathelicidin LL-37 Peptide Switches Between Pore and Nanofibre Formation. <i>Scientific Reports</i> , 2016, 6, 38184.	1.6	56
42	Identification of an activation site in Bak and mitochondrial Bax triggered by antibodies. <i>Nature Communications</i> , 2016, 7, 11734.	5.8	50
43	Physiological restraint of Bak by Bcl-x _L is essential for cell survival. <i>Genes and Development</i> , 2016, 30, 1240-1250.	2.7	40
44	Structural analysis of bioinspired nano materials with synchrotron far IR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 11467-11473.	1.3	7
45	Extending Halogen-based Medicinal Chemistry to Proteins. <i>Journal of Biological Chemistry</i> , 2016, 291, 27023-27041.	1.6	25
46	A minimized human insulin-receptor-binding motif revealed in a <i>Conus geographus</i> venom insulin. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 916-920.	3.6	70
47	Insulin Mimetic Peptide Disrupts the Primary Binding Site of the Insulin Receptor. <i>Journal of Biological Chemistry</i> , 2016, 291, 15473-15481.	1.6	31
48	Truncated Latrunculins as Actin Inhibitors Targeting <i>Plasmodium falciparum</i> Motility and Host Cell Invasion. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 10994-11005.	2.9	13
49	Higher-Resolution Structure of the Human Insulin Receptor Ectodomain: Multi-Modal Inclusion of the Insert Domain. <i>Structure</i> , 2016, 24, 469-476.	1.6	129
50	Bak apoptotic pores involve a flexible C-terminal region and juxtaposition of the C-terminal transmembrane domains. <i>Cell Death and Differentiation</i> , 2015, 22, 1665-1675.	5.0	51
51	Structural basis for plasmepsin V inhibition that blocks export of malaria proteins to human erythrocytes. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 590-596.	3.6	93
52	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
53	± ² -Peptide Foldamers Targeting Intracellular Protein-Protein Interactions with Activity in Living Cells. <i>Journal of the American Chemical Society</i> , 2015, 137, 11365-11375.	6.6	101
54	Two Essential Light Chains Regulate the MyoA Lever Arm To Promote <i>Toxoplasma</i> Gliding Motility. <i>MBio</i> , 2015, 6, e00845-15.	1.8	49

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55	The effect of N-methylation on transition state mimetic inhibitors of the <i>Plasmodium</i> protease, plasmepsin V. <i>MedChemComm</i> , 2015, 6, 437-443.	3.5	16
56	An aspartyl protease defines a novel pathway for export of <i>Toxoplasma</i> proteins into the host cell. <i>ELife</i> , 2015, 4, .	2.8	99
57	Crystal structure of PFRh5, an essential <i>P. falciparum</i> ligand for invasion of human erythrocytes. <i>ELife</i> , 2014, 3, .	2.8	53
58	Inhibition of Plasmepsin V Activity Demonstrates Its Essential Role in Protein Export, PfEMP1 Display, and Survival of Malaria Parasites. <i>PLoS Biology</i> , 2014, 12, e1001897.	2.6	121
59	Crystal structure and immunological properties of the first annexin from <i>Schistosoma mansoni</i> : insights into the structural integrity of the schistosomal tegument. <i>FEBS Journal</i> , 2014, 281, 1209-1225.	2.2	21
60	Apoptotic pore formation is associated with in-plane insertion of Bak or Bax central helices into the mitochondrial outer membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4076-85.	3.3	111
61	Domain structure and function of matrix metalloprotease 23 (MMP23): role in potassium channel trafficking. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 1191-1210.	2.4	38
62	Aromatic Anchor at an Invariant Hormone-Receptor Interface. <i>Journal of Biological Chemistry</i> , 2014, 289, 34709-34727.	1.6	25
63	Protective hinge in insulin opens to enable its receptor engagement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3395-404.	3.3	142
64	Further Insights into the Effects of Pre-organizing the BimBH3 Helix. <i>ACS Chemical Biology</i> , 2014, 9, 838-839.	1.6	26
65	De-Novo Designed Library of Benzoylureas as Inhibitors of BCL-X _L : Synthesis, Structural and Biochemical Characterization. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 1323-1343.	2.9	33
66	Structure-Guided Rescaffolding of Selective Antagonists of BCL-X _L . <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 662-667.	1.3	37
67	Transition State Mimetics of the <i>Plasmodium</i> Export Element Are Potent Inhibitors of Plasmepsin V from <i>P. falciparum</i> and <i>P. vivax</i> . <i>Journal of Medicinal Chemistry</i> , 2014, 57, 7644-7662.	2.9	46
68	Discovery of a Potent and Selective BCL-X _L Inhibitor with <i>in Vivo</i> Activity. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 1088-1093.	1.3	242
69	Identification of PLP2 and RAB5C as novel TPD52 binding partners through yeast two-hybrid screening. <i>Molecular Biology Reports</i> , 2014, 41, 4565-4572.	1.0	11
70	Structure-Guided Rational Design of Peptide Foldamers with High Affinity for BCL-2 Family Prosurvival Proteins. <i>ChemBioChem</i> , 2013, 14, 1564-1572.	1.3	65
71	How insulin engages its primary binding site on the insulin receptor. <i>Nature</i> , 2013, 493, 241-245.	13.7	364
72	Regulation of a Potassium Channel by the Pro-Domain of a Matrix Metalloprotease. <i>Biophysical Journal</i> , 2013, 104, 465a.	0.2	0

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73	Bax Crystal Structures Reveal How BH3 Domains Activate Bax and Nucleate Its Oligomerization to Induce Apoptosis. <i>Cell</i> , 2013, 152, 519-531.	13.5	491
74	Structure-guided design of a selective BCL-XL inhibitor. <i>Nature Chemical Biology</i> , 2013, 9, 390-397.	3.9	324
75	Stabilizing the Pro-Apoptotic BimBH3 Helix (BimSAHB) Does Not Necessarily Enhance Affinity or Biological Activity. <i>ACS Chemical Biology</i> , 2013, 8, 297-302.	1.6	123
76	Intracellular Trafficking of the KV1.3 Potassium Channel Is Regulated by the Prodomain of a Matrix Metalloprotease. <i>Journal of Biological Chemistry</i> , 2013, 288, 6451-6464.	1.6	25
77	Modulation of voltage-gated K ⁺ channels by the sodium channel β 1 subunit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18577-18582.	3.3	61
78	Insights into Duffy Binding-like Domains through the Crystal Structure and Function of the Merozoite Surface Protein MSPDBL2 from <i>Plasmodium falciparum</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 32922-32939.	1.6	34
79	Diverse Reactions of PhI(OTf) ₂ with Common 2-Electron Ligands: Complex Formation, Oxidation, and Oxidative Coupling. <i>Inorganic Chemistry</i> , 2012, 51, 13034-13040.	1.9	44
80	Evaluation of Diverse β -Backbone Patterns for Functional β -Helix Mimicry: Analogues of the Bim BH3 Domain. <i>Journal of the American Chemical Society</i> , 2012, 134, 315-323.	6.6	144
81	PS " a program for the analysis of helix geometry. <i>Journal of Molecular Graphics and Modelling</i> , 2012, 33, 52-60.	1.3	2
82	Cochrane Review: Mass media interventions for preventing smoking in young people. <i>Evidence-Based Child Health: A Cochrane Review Journal</i> , 2012, 7, 86-144.	2.0	17
83	Quinazoline Sulfonamides as Dual Binders of the Proteins B-Cell Lymphoma 2 and B-Cell Lymphoma Extra Long with Potent Proapoptotic Cell-Based Activity. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 1914-1926.	2.9	62
84	Catalytic mechanism and cofactor preference of dihydrodipicolinate reductase from methicillin-resistant <i>Staphylococcus aureus</i> . <i>Archives of Biochemistry and Biophysics</i> , 2011, 512, 167-174.	1.4	19
85	Lactam-Stabilized Helical Analogues of the Analgesic μ -Conotoxin KIIIA. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 7558-7566.	2.9	48
86	Pseudohypoaldosteronism type 1: the index case revisited. <i>Clinical Endocrinology</i> , 2011, 74, 408-410.	1.2	4
87	Crystal Structure of a BCL-W Domain-Swapped Dimer: Implications for the Function of BCL-2 Family Proteins. <i>Structure</i> , 2011, 19, 1467-1476.	1.6	25
88	Structural Basis of Bcl _L Recognition by a BH3-Mimetic β -Peptide Generated by Sequence-Based Design. <i>ChemBioChem</i> , 2011, 12, 2025-2032.	1.3	56
89	Consequences of Two Different Amino-Acid Substitutions at the Same Codon in KRT14 Indicate Definitive Roles of Structural Distortion in Epidermolysis Bullosa Simplex Pathogenesis. <i>Journal of Investigative Dermatology</i> , 2011, 131, 1869-1876.	0.3	13
90	Quantitative in vivo Analyses Reveal Calcium-dependent Phosphorylation Sites and Identifies a Novel Component of the Toxoplasma Invasion Motor Complex. <i>PLoS Pathogens</i> , 2011, 7, e1002222.	2.1	85

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91	Structural resolution of a tandem hormone-binding element in the insulin receptor and its implications for design of peptide agonists. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6771-6776.	3.3	97
92	Domain Reorientation and Rotation of an Intracellular Assembly Regulate Conduction in Kir Potassium Channels. <i>Cell</i> , 2010, 141, 1018-1029.	13.5	141
93	Conformational Changes in Bcl-2 Pro-survival Proteins Determine Their Capacity to Bind Ligands. <i>Journal of Biological Chemistry</i> , 2009, 284, 30508-30517.	1.6	79
94	Engineering a Stable and Selective Peptide Blocker of the Kv1.3 Channel in T Lymphocytes. <i>Molecular Pharmacology</i> , 2009, 75, 762-773.	1.0	128
95	Polymorphisms in Erythrocyte Binding Antigens 140 and 181 Affect Function and Binding but Not Receptor Specificity in <i>Plasmodium falciparum</i> . <i>Infection and Immunity</i> , 2009, 77, 1689-1699.	1.0	57
96	<i>Leishmania major</i> CorA-like magnesium transporters play a critical role in parasite development and virulence. <i>International Journal for Parasitology</i> , 2009, 39, 713-723.	1.3	16
97	High-Resolution Structural Characterization of a Helical Peptide Foldamer Bound to the Anti-Apoptotic Protein Bcl-2. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4318-4322.	7.2	143
98	Analysis of structure and function of the giant protein Pf332 in <i>Plasmodium falciparum</i> . <i>Molecular Microbiology</i> , 2009, 71, 48-65.	1.2	36
99	A newly discovered protein export machine in malaria parasites. <i>Nature</i> , 2009, 459, 945-949.	13.7	437
100	Structure of the Analgesic $\frac{1}{4}$ -Conotoxin KIIIA and Effects on the Structure and Function of Disulfide Deletion. <i>Biochemistry</i> , 2009, 48, 1210-1219.	1.2	69
101	Anticonvulsant Met-Enkephalin Analogues Containing Backbone Spacers Reveal Alternative Non-Opioid Signaling in the Brain. <i>ACS Chemical Biology</i> , 2009, 4, 659-671.	1.6	11
102	Discovery of Inhibitors of Lupin Diadenosine 5'- α ,5'-bisphosphate-1,4-Tetrakisphosphate Hydrolase by Virtual Screening. <i>Biochemistry</i> , 2009, 48, 7614-7620.	1.2	7
103	Structural Insights into the Protease-like Antigen <i>Plasmodium falciparum</i> SERA5 and Its Noncanonical Active-Site Serine. <i>Journal of Molecular Biology</i> , 2009, 392, 154-165.	2.0	35
104	Solution Structure of Ectodomains of the Insulin Receptor Family: The Ectodomain of the Type 1 Insulin-Like Growth Factor Receptor Displays Asymmetry of Ligand Binding Accompanied by Limited Conformational Change. <i>Journal of Molecular Biology</i> , 2009, 394, 878-892.	2.0	32
105	Characterization of the Two Fundamental Conformations of Benzoylureas and Elucidation of the Factors That Facilitate Their Conformational Interchange. <i>Journal of Organic Chemistry</i> , 2009, 74, 6511-6525.	1.7	25
106	A Malaria Parasite Formin Regulates Actin Polymerization and Localizes to the Parasite-Erythrocyte Moving Junction during Invasion. <i>Cell Host and Microbe</i> , 2008, 3, 188-198.	5.1	105
107	The D-Diastereomer of ShK Toxin Selectively Blocks Voltage-gated K ⁺ Channels and Inhibits T Lymphocyte Proliferation. <i>Journal of Biological Chemistry</i> , 2008, 283, 988-997.	1.6	54
108	A Critical Region in the Mineralocorticoid Receptor for Aldosterone Binding and Activation by Cortisol: Evidence for a Common Mechanism Governing Ligand Binding Specificity in Steroid Hormone Receptors. <i>Molecular Endocrinology</i> , 2007, 21, 817-828.	3.7	37

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109	Structural insights into the degradation of Mcl-1 induced by BH3 domains. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 6217-6222.	3.3	397
110	Structure/Function Characterization of $\hat{1}/4$ -Conotoxin K111A, an Analgesic, Nearly Irreversible Blocker of Mammalian Neuronal Sodium Channels. Journal of Biological Chemistry, 2007, 282, 30699-30706.	1.6	132
111	Spiroleucettadine: synthetic studies and investigations towards structural revision. Tetrahedron Letters, 2007, 48, 2199-2203.	0.7	28
112	Conotoxins Containing Nonnatural Backbone Spacers: Cladistic-Based Design, Chemical Synthesis, and Improved Analgesic Activity. Chemistry and Biology, 2007, 14, 399-407.	6.2	69
113	Crystal structure of ABT-737 complexed with Bcl-xL: implications for selectivity of antagonists of the Bcl-2 family. Cell Death and Differentiation, 2007, 14, 1711-1713.	5.0	235
114	Structural and Functional Diversities among $\hat{1}/4$ -Conotoxins Targeting TTX-resistant Sodium Channels. Biochemistry, 2006, 45, 3723-3732.	1.2	61
115	Structure of Leishmania mexicana Phosphomannomutase Highlights Similarities with Human Isoforms. Journal of Molecular Biology, 2006, 363, 215-227.	2.0	38
116	Structure-guided design of a novel class of benzyl-sulfonate inhibitors for influenza virus neuraminidase. Biochemical Journal, 2006, 399, 215-223.	1.7	13
117	Structure of a calcium-deficient form of influenza virus neuraminidase: implications for substrate binding. Acta Crystallographica Section D: Biological Crystallography, 2006, 62, 947-952.	2.5	36
118	The SPRY domain of SSB-2 adopts a novel fold that presents conserved Par-4 binding residues. Nature Structural and Molecular Biology, 2006, 13, 77-84.	3.6	72
119	Development of recombinant protein-based influenza vaccine. Journal of Chromatography A, 2006, 1136, 48-56.	1.8	20
120	The B30.2 domain of pyrin, the familial Mediterranean fever protein, interacts directly with caspase-1 to modulate IL-1beta production. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9982-9987.	3.3	502
121	Ipratropium bromide versus long-acting beta-2 agonists for stable chronic obstructive pulmonary disease. The Cochrane Library, 2006, , CD006101.	1.5	38
122	Evolution of the Thyroid Hormone Distributor Protein Transthyretin in Microbes, C. elegans, and Vertebrates. Annals of the New York Academy of Sciences, 2005, 1040, 448-451.	1.8	9
123	The Role of Virtual Screening in Computer Aided Structure-Based Drug Design. ChemInform, 2005, 36, no.	0.1	0
124	Insight into the self-association of key enzymes from pathogenic species. European Biophysics Journal, 2005, 34, 469-476.	1.2	50
125	Letter to the Editor: 1H, 13C, and 15N resonance assignments of the 17 kDa Ap4A hydrolase from Homo sapiens in the presence and absence of ATP. Journal of Biomolecular NMR, 2005, 31, 181-182.	1.6	0
126	Structure of glyceraldehyde-3-phosphate dehydrogenase from Plasmodium falciparum. Acta Crystallographica Section D: Biological Crystallography, 2005, 61, 1213-1221.	2.5	28

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127	Novel Conotoxins from <i>Conus striatus</i> and <i>Conus kinoshitai</i> Selectively Block TTX-Resistant Sodium Channels. <i>Biochemistry</i> , 2005, 44, 7259-7265.	1.2	112
128	Structural Rationale for Low-Nanomolar Binding of Transition State Mimics to a Family GH3 β -D-Glucan Glucohydrolase from Barley. <i>Biochemistry</i> , 2005, 44, 16529-16539.	1.2	42
129	Differential Targeting of Prosurvival Bcl-2 Proteins by Their BH3-Only Ligands Allows Complementary Apoptotic Function. <i>Molecular Cell</i> , 2005, 17, 393-403.	4.5	1,639
130	Properties of GDP-mannose Pyrophosphorylase, a Critical Enzyme and Drug Target in <i>Leishmania mexicana</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 12462-12468.	1.6	58
131	Three-dimensional Structure of the Barley β -D-Glucan Glucohydrolase in Complex with a Transition State Mimic. <i>Journal of Biological Chemistry</i> , 2004, 279, 4970-4980.	1.6	35
132	A Common Cross-species Function for the Double Epidermal Growth Factor-like Modules of the Highly Divergent <i>Plasmodium</i> Surface Proteins MSP-1 and MSP-8. <i>Journal of Biological Chemistry</i> , 2004, 279, 20147-20153.	1.6	43
133	Differences in the determinants of eplerenone, spironolactone and aldosterone binding to the mineralocorticoid receptor*. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2004, 31, 704-709.	0.9	42
134	Cortisol resistance in the New World revisited. <i>Trends in Endocrinology and Metabolism</i> , 2004, 15, 296-299.	3.1	40
135	The Role of Virtual Screening in Computer Aided Structure-Based Drug Design. <i>Australian Journal of Chemistry</i> , 2004, 57, 1029.	0.5	13
136	Can thioglycosides imitate the oxonium intermediate in glycosyl hydrolases?. <i>Journal of Molecular Graphics and Modelling</i> , 2003, 22, 151-159.	1.3	0
137	A Family of Leukemia Inhibitory Factor-Binding Peptides that Can Act as Antagonists When Conjugated to Poly(ethylene glycol). <i>Biochemistry</i> , 2003, 42, 13193-13201.	1.2	8
138	Determinants of spironolactone binding specificity in the mineralocorticoid receptor. <i>Journal of Molecular Endocrinology</i> , 2003, 31, 573-582.	1.1	34
139	Specificity and Promiscuity in Protein - Ligand and Protein - Protein Interactions. <i>Australian Journal of Chemistry</i> , 2003, 56, 763.	0.5	3
140	Structural Basis for Broad Substrate Specificity in Higher Plant β -D-Glucan Glucohydrolases. <i>Plant Cell</i> , 2002, 14, 1033-1052.	3.1	89
141	Modelling the structure of the fusion protein from human respiratory syncytial virus. <i>Protein Engineering, Design and Selection</i> , 2002, 15, 365-371.	1.0	28
142	Structural Studies of the Resistance of Influenza Virus Neuraminidase to Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 2207-2212.	2.9	125
143	The Trypanosomal Trans-Sialidase. <i>Structure</i> , 2002, 10, 1466-1468.	1.6	10
144	Calculation of aqueous dissociation constants of 1,2,4-triazole and tetrazole: A comparison of solvation models. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 4314-4318.	1.3	42

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145	Quality of Life in Asthma: A Comparison of Community and Hospital Asthma Patients. <i>Journal of Asthma</i> , 2001, 38, 205-214.	0.9	33
146	Gaussian-theory predictions of proton transfer to water of phenol and 3-chlorophenol: resolution of an apparent difficulty. <i>Chemical Physics Letters</i> , 2001, 342, 402-404.	1.2	1
147	Analysis of inhibitor binding in influenza virus neuraminidase. <i>Protein Science</i> , 2001, 10, 689-696.	3.1	97
148	The Structure of the Fusion Glycoprotein of Newcastle Disease Virus Suggests a Novel Paradigm for the Molecular Mechanism of Membrane Fusion. <i>Structure</i> , 2001, 9, 255-266.	1.6	201
149	Catalytic Mechanisms and Reaction Intermediates along the Hydrolytic Pathway of a Plant Î²-D-glucan Glucohydrolase. <i>Structure</i> , 2001, 9, 1005-1016.	1.6	73
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