Xiayang Qiu

List of Publications by Year in descending order

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37 papers	3,724 citations	186265 28 h-index	345221 36 g-index
124 all docs	124 docs citations	124 times ranked	4634 citing authors

#	Article	IF	Citations
1	SRT1720, SRT2183, SRT1460, and Resveratrol Are Not Direct Activators of SIRT1. Journal of Biological Chemistry, 2010, 285, 8340-8351.	3.4	794
2	Crystal structure of cholesteryl ester transfer protein reveals a long tunnel and four bound lipid molecules. Nature Structural and Molecular Biology, 2007, 14, 106-113.	8.2	238
3	Structural basis for allosteric, substrate-dependent stimulation of SIRT1 activity by resveratrol. Genes and Development, 2015, 29, 1316-1325.	5.9	179
4	Unique fold and active site in cytomegalovirus protease. Nature, 1996, 383, 275-279.	27.8	168
5	Discovery of a Novel and Potent Class of FabI-Directed Antibacterial Agents. Antimicrobial Agents and Chemotherapy, 2002, 46, 3118-3124.	3.2	162
6	Structural Basis for AMPK Activation: Natural and Synthetic Ligands Regulate Kinase Activity from Opposite Poles by Different Molecular Mechanisms. Structure, 2014, 22, 1161-1172.	3.3	159
7	Refined structures of Î²-ketoacyl-acyl carrier protein synthase III. Journal of Molecular Biology, 2001, 307, 341-356.	4.2	154
8	Indole Naphthyridinones as Inhibitors of Bacterial Enoyl-ACP Reductases FabI and FabK. Journal of Medicinal Chemistry, 2003, 46, 1627-1635.	6.4	152
9	Three-dimensional structure of the diphtheria toxin repressor in complex with divalent cation co-repressors. Structure, 1995, 3, 87-100.	3.3	133
10	Crystal Structure of Î²-Ketoacyl-Acyl Carrier Protein Synthase III. Journal of Biological Chemistry, 1999, 274, 36465-36471.	3.4	133
11	Structural basis of transfer between lipoproteins by cholesteryl ester transfer protein. Nature Chemical Biology, 2012, 8, 342-349.	8.0	123
12	1,4-Disubstituted imidazoles are potential antibacterial agents functioning as inhibitors of enoyl acyl carrier protein reductase (FabI). Bioorganic and Medicinal Chemistry Letters, 2001, 11, 2061-2065.	2.2	120
13	Discovery of Aminopyridine-Based Inhibitors of Bacterial Enoyl-ACP Reductase (FabI). Journal of Medicinal Chemistry, 2002, 45, 3246-3256.	6.4	111
14	Crystal structure of human osteoclast cathepsin K complex with E-64. Nature Structural Biology, 1997, 4, 109-111.	9.7	109
15	Molecular basis for triclosan activity involves a flipping loop in the active site. Protein Science, 1999, 8, 2529-2532.	7.6	99
16	High-Resolution Structure of the Diphtheria Toxin Repressor Complexed with Cobalt and Manganese Reveals an SH3-like Third Domain and Suggests a Possible Role of Phosphate as Co-corepressorâ€,â€¡. Biochemistry, 1996, 35, 12292-12302.	2.5	94
17	Crystal structure and substrate specificity of the Î²-ketoacyl-acyl carrier protein synthase III (FabH) fromStaphylococcus aureus. Protein Science, 2005, 14, 2087-2094.	7.6	85
18	Active Site Cavity of Herpesvirus Proteases Revealed by the Crystal Structure of Herpes Simplex Virus Protease/Inhibitor Complexâ€¡. Biochemistry, 1997, 36, 14023-14029.	2.5	72

#	Article	IF	Citations
19	Inhibitors of bacterial enoyl acyl carrier protein reductase (FabI): 2,9-disubstituted 1,2,3,4-tetrahydropyrido[3,4-b]indoles as potential antibacterial agents. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 2241-2244.	2.2	65
20	Crystal Structures of Cholesteryl Ester Transfer Protein in Complex with Inhibitors. Journal of Biological Chemistry, 2012, 287, 37321-37329.	3.4	63
21	Designing glucokinase activators with reduced hypoglycemia risk: discovery of N,N-dimethyl-5-(2-methyl-6-((5-methylpyrazin-2-yl)-carbamoyl)benzofuran-4-yloxy)pyrimidine-2-carboxamide as a clinical candidate for the treatment of type 2 diabetes mellitus. MedChemComm, 2011, 2, 828.	3.4	62
22	Insights into Mechanism of Glucokinase Activation. Journal of Biological Chemistry, 2012, 287, 13598-13610.	3.4	53
23	HDL surface lipids mediate CETP binding as revealed by electron microscopy and molecular dynamics simulation. Scientific Reports, 2015, 5, 8741.	3.3	48
24	Structure of apo acyl carrier protein and a proposal to engineer protein crystallization through metal ions. Acta Crystallographica Section D: Biological Crystallography, 2004, 60, 1545-1554.	2.5	43
25	Lysosomal integral membrane protein-2 as a phospholipid receptor revealed by biophysical and cellular studies. Nature Communications, 2017, 8, 1908.	12.8	43
26	Comparison of highâ€resolution structures of the diphtheria toxin repressor in complex with cobalt and zinc at the cationâ€anion binding site. Protein Science, 1997, 6, 1114-1118.	7.6	40
27	cis-2,5-Dicyanopyrrolidine Inhibitors of Dipeptidyl Peptidase IV:Â Synthesis and in Vitro, in Vivo, and X-ray Crystallographic Characterization. Journal of Medicinal Chemistry, 2006, 49, 3068-3076.	6.4	36
28	Cooperative Structural Dynamics and a Novel Fidelity Mechanism in Histidyl-tRNA Synthetasesâ€¡. Biochemistry, 1999, 38, 12296-12304.	2.5	31
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37	Human Herpesvirus Proteases. , 1999, , 93-115.		3