

Julia Sanz-Aparicio

List of Publications by Year in descending order

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papers

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117571

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times ranked

3590
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structure of β -glucosidase A from <i>Bacillus polymyxa</i> : insights into the catalytic activity in family 1 glycosyl hydrolases. <i>Journal of Molecular Biology</i> , 1998, 275, 491-502.	2.0	166
2	The Crystal Structure of Feruloyl Esterase A from <i>Aspergillus niger</i> Suggests Evolutive Functional Convergence in Feruloyl Esterase Family. <i>Journal of Molecular Biology</i> , 2004, 338, 495-506.	2.0	110
3	Crystal Structures of <i>Paenibacillus polymyxa</i> β -Glucosidase B Complexes Reveal the Molecular Basis of Substrate Specificity and Give New Insights into the Catalytic Machinery of Family I Glycosidases. <i>Journal of Molecular Biology</i> , 2007, 371, 1204-1218.	2.0	106
4	Synthesis and Structure of New Pyrido[2,3-d]pyrimidine Derivatives with Calcium Channel Antagonist Activity. <i>Tetrahedron</i> , 1994, 50, 8085-8098.	1.0	93
5	Genetically engineered proteins with two active sites for enhanced biocatalysis and synergistic chemo- and biocatalysis. <i>Nature Catalysis</i> , 2020, 3, 319-328.	16.1	90
6	Structural basis of specificity in tetrameric <i>Kluyveromyces lactis</i> β -galactosidase. <i>Journal of Structural Biology</i> , 2012, 177, 392-401.	1.3	88
7	Metallic Carbonyl Complexes Containing Heterocycle Nitrogen Ligands. 2. Tricarbonylbromo(3,3'-R-2,2'-biquinoline)Rhenium(I) Compounds. <i>Inorganic Chemistry</i> , 1994, 33, 2341-2346.	1.9	87
8	Three-dimensional Structure of <i>Saccharomyces Invertase</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 9755-9766.	1.6	81
9	The crystal structure of <i>Canavalia brasiliensis</i> lectin suggests a correlation between its quaternary conformation and its distinct biological properties from Concanavalin A. <i>FEBS Letters</i> , 1997, 405, 114-118.	1.3	79
10	Directed Evolution of β -Glucosidase A from <i>Paenibacillus polymyxa</i> to Thermal Resistance. <i>Journal of Biological Chemistry</i> , 2000, 275, 13708-13712.	1.6	76
11	Mechanism of Coenzyme Recognition and Binding Revealed by Crystal Structure Analysis of Ferredoxin-NADP+ Reductase Complexed with NADP+. <i>Journal of Molecular Biology</i> , 2002, 319, 1133-1142.	2.0	73
12	The crystal structure of tetrameric methionine adenosyltransferase from rat liver reveals the methionine-binding site 1 Edited by R. Huber. <i>Journal of Molecular Biology</i> , 2000, 300, 363-375.	2.0	72
13	Structural and Kinetic Analysis of <i>Schwanniomyces occidentalis</i> Invertase Reveals a New Oligomerization Pattern and the Role of Its Supplementary Domain in Substrate Binding. <i>Journal of Biological Chemistry</i> , 2010, 285, 13930-13941.	1.6	71
14	Fructo-Oligosaccharide Synthesis by Mutant Versions of <i>Saccharomyces cerevisiae</i> Invertase. <i>Applied and Environmental Microbiology</i> , 2011, 77, 6148-6157.	1.4	63
15	Probing the determinants of substrate specificity of a feruloyl esterase, AnFaeA, from <i>Aspergillus niger</i> . <i>FEBS Journal</i> , 2005, 272, 4362-4371.	2.2	59
16	Use of chitin and chitosan to produce new chito oligosaccharides by chitinase Chit42: enzymatic activity and structural basis of protein specificity. <i>Microbial Cell Factories</i> , 2018, 17, 47.	1.9	58
17	Probing the Determinants of Coenzyme Specificity in Ferredoxin-NADP+ Reductase by Site-directed Mutagenesis. <i>Journal of Biological Chemistry</i> , 2001, 276, 11902-11912.	1.6	54
18	Synthesis and chromatographic separation of the stereoisomers of furnidipine. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 617-620.	1.8	52

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19	C-Terminal Tyrosine of Ferredoxin-NADP+ Reductase in Hydride Transfer Processes with NAD(P)+/H. <i>Biochemistry</i> , 2005, 44, 13477-13490.	1.2	51
20	Structural Analysis of Î²-Fructofuranosidase from <i>Xanthophyllomyces dendrorhous</i> Reveals Unique Features and the Crucial Role of N-Glycosylation in Oligomerization and Activity. <i>Journal of Biological Chemistry</i> , 2016, 291, 6843-6857.	1.6	50
21	Role of Arg100 and Arg264 from <i>Anabaena</i> PCC 7119 Ferredoxin-NADP+Reductase for Optimal NADP+Binding and Electron Transfer. <i>Biochemistry</i> , 1998, 37, 17680-17691.	1.2	48
22	Synthesis, Structure, and Pharmacological Evaluation of the Stereoisomers of Furnidipine. <i>Journal of Medicinal Chemistry</i> , 1995, 38, 2830-2841.	2.9	47
23	Crystal Structures of Methionine Adenosyltransferase Complexed with Substrates and Products Reveal the Methionine-ATP Recognition and Give Insights into the Catalytic Mechanism. <i>Journal of Molecular Biology</i> , 2003, 331, 407-416.	2.0	47
24	Structural Insights into the Specificity of Xyn10B from <i>Paenibacillus barcinonensis</i> and Its Improved Stability by Forced Protein Evolution. <i>Journal of Biological Chemistry</i> , 2010, 285, 2721-2733.	1.6	47
25	Inositol 1,3,4,5,6-pentakisphosphate 2-kinase is a distant IPK member with a singular inositide binding site for axial 2-OH recognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9608-9613.	3.3	46
26	Structural Insights into the Substrate Promiscuity of a Laboratory-Evolved Peroxygenase. <i>ACS Chemical Biology</i> , 2018, 13, 3259-3268.	1.6	41
27	Addition compounds of dichlorodioxomolybdenum(VI) from hydrochloric acid solutions of molybdenum trioxide. Crystal structure of dichlorodioxodiaquamolybdenum(VI) bis(2,5,8-trioxanonane). <i>Polyhedron</i> , 1994, 13, 2745-2749.	1.0	39
28	Structural and Kinetic Insights Reveal That the Amino Acid Pair Gln-228/Asn-254 Modulates the Transfructosylating Specificity of <i>Schwanniomyces occidentalis</i> Î²-Fructofuranosidase, an Enzyme That Produces Prebiotics. <i>Journal of Biological Chemistry</i> , 2012, 287, 19674-19686.	1.6	39
29	Crystal Structure of Rat Liver Betaine Homocysteine S-Methyltransferase Reveals New Oligomerization Features and Conformational Changes Upon Substrate Binding. <i>Journal of Molecular Biology</i> , 2004, 338, 771-782.	2.0	38
30	Role of a Cluster of Hydrophobic Residues Near the FAD Cofactor in <i>Anabaena</i> PCC 7119 Ferredoxin-NADP+Reductase for Optimal Complex Formation and Electron Transfer to Ferredoxin. <i>Journal of Biological Chemistry</i> , 2001, 276, 27498-27510.	1.6	37
31	New Insights into the Fructosyltransferase Activity of <i>Schwanniomyces occidentalis</i> Î²-Fructofuranosidase, Emerging from Nonconventional Codon Usage and Directed Mutation. <i>Applied and Environmental Microbiology</i> , 2010, 76, 7491-7499.	1.4	37
32	1-Aminocyclohexene-2,4-dicarbonitrile derivatives. Syntheses and structural study. <i>Canadian Journal of Chemistry</i> , 1995, 73, 1546-1555.	0.6	36
33	Structural Analysis of <i>Saccharomyces cerevisiae</i> Î±-Galactosidase and Its Complexes with Natural Substrates Reveals New Insights into Substrate Specificity of GH27 Glycosidases. <i>Journal of Biological Chemistry</i> , 2010, 285, 28020-28033.	1.6	36
34	Early-transition-metal ketenimine complexes. Synthesis, reactivity and structural characterization of complexes with .eta.2(C,N)-ketenimine groups bound to the halobis[(trimethylsilyl)cyclopentadienyl]niobium unit. X-ray structure of Nb(.eta.5-C5H4SiMe3)2Cl(.eta.2(C,N)-PhN:C:CPh2). <i>Organometallics</i> , 1990, 9, 2919-2925.	1.1	35
35	Rotational dynamics of 1,6-diphenyl-1,3,5-hexatriene and derivatives from fluorescence depolarization. <i>The Journal of Physical Chemistry</i> , 1993, 97, 3486-3491.	2.9	35
36	Involvement of the Pyrophosphate and the 2â€²-Phosphate Binding Regions of Ferredoxin-NADP+ Reductase in Coenzyme Specificity. <i>Journal of Biological Chemistry</i> , 2003, 278, 49203-49214.	1.6	34

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37	Structural Analysis of Glucuronoxylan-specific Xyn30D and Its Attached CBM35 Domain Gives Insights into the Role of Modularity in Specificity*. <i>Journal of Biological Chemistry</i> , 2014, 289, 31088-31101.	1.6	32
38	The Glycoside Hydrolase Family 8 Reducing-End Xylose-Releasing Exo-oligoxyranase Rex8A from <i>Paenibacillus barcinonensis</i> BP-23 Is Active on Branched Xylooligosaccharides. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5116-5124.	1.4	27
39	Structural basis of increased resistance to thermal denaturation induced by single amino acid substitution in the sequence of β -glucosidase A from <i>Bacillus polymyxa</i> . , 1998, 33, 567-576.		26
40	Structural features of <i>Aspergillus niger</i> β -galactosidase define its activity against glycoside linkages. <i>FEBS Journal</i> , 2017, 284, 1815-1829.	2.2	25
41	Structural analysis of interactions for complex formation between Ferredoxin-NADP+ reductase and its protein partners. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005, 59, 592-602.	1.5	24
42	Crystal structure and functional insights into uracil-DNA glycosylase inhibition by phage λ 29 DNA mimic protein p56. <i>Nucleic Acids Research</i> , 2013, 41, 6761-6773.	6.5	23
43	Preparation and structural characterization of new alkoxo- and (alkoxo)(amido)(imido)-niobium(V) compounds. Crystal structure of $[\text{NbCl}(\frac{1}{4}\text{-OMe})[\text{N}(\text{SiMe}_3)_2](\text{NSiMe}_3)]_2$. <i>Journal of Organometallic Chemistry</i> , 1988, 350, 25-34.	0.8	22
44	Tuning the Properties of Natural Promiscuous Enzymes by Engineering Their Nano-environment. <i>ACS Nano</i> , 2020, 14, 17652-17664.	7.3	22
45	Xylanases: Molecular Properties and Applications. , 2007, , 65-82.		21
46	Structural and Functional Characterization of a Ruminal β -Glucosidase Defines a Novel Subfamily of Glycoside Hydrolase Family 3 with Permuted Domain Topology. <i>Journal of Biological Chemistry</i> , 2016, 291, 24200-24214.	1.6	21
47	Active-site-mutagenesis study of rat liver betaine-homocysteine S-methyltransferase. <i>Biochemical Journal</i> , 2003, 370, 945-952.	1.7	20
48	Molecular characterization and heterologous expression of a <i>Xanthophyllomyces dendrorhous</i> β -glucosidase with potential for prebiotics production. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 3125-3135.	1.7	20
49	Exploring Multimodularity in Plant Cell Wall Deconstruction. <i>Journal of Biological Chemistry</i> , 2015, 290, 17116-17130.	1.6	19
50	New tantalum ylide complexes: crystal and molecular structure of $(\eta^5\text{-C}_5\text{Me}_5)\text{Cl}_4\text{Ta}(\text{CH}_2\text{PMePh}_2)$ containing a neutral phosphorus ylide. <i>Organometallics</i> , 1987, 6, 1581-1583.	1.1	18
51	Structural basis of the catalytic role of Glu301 in <i>Anabaena</i> PCC 7119 ferredoxin-NADP+ reductase revealed by x-ray crystallography. , 2000, 38, 60-69.		18
52	A Generalized and Efficient Preparation of a Novel Class of Macrocyclic Bis(guanidines) from Cyclic Bis(carbodiimides). <i>Journal of Organic Chemistry</i> , 1998, 63, 2922-2927.	1.7	17
53	NADP+ Binding to the Regulatory Subunit of Methionine Adenosyltransferase II Increases Intersubunit Binding Affinity in the Hetero-Trimer. <i>PLoS ONE</i> , 2012, 7, e50329.	1.1	17
54	Synthesis of α -kestose using an Efficient β -Fructofuranosidase Engineered by Directed Evolution. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1698-1702.	2.1	17

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55	Yeast cultures expressing the Ffase from Schwanniomyces occidentalis, a simple system to produce the potential prebiotic sugar 6-kestose. Applied Microbiology and Biotechnology, 2019, 103, 279-289.	1.7	17
56	Structural and spectroscopic study of condensed piperidine bicyclanols. 3-Phenethyl-3-azabicyclo[3.2.1]octan-8-yl-ol. Journal of Molecular Structure, 1989, 196, 307-316.	1.8	16
57	Synthesis and structural study of 9-(2-hydroxyethyl)-9-azabicyclo[3.3.1]nonan-3-yl-OL. Journal of Molecular Structure, 1988, 174, 273-280.	1.8	14
58	Purification, Crystallization and Preliminary X-ray Diffraction Studies of C-Phycocyanin and Allophycocyanin from Spirulina platensis. Acta Crystallographica Section D: Biological Crystallography, 1997, 53, 321-326.	2.5	14
59	Fructosylation of Hydroxytyrosol by the β -Fructofuranosidase from Xanthophyllomyces dendrorhous : Insights into the Molecular Basis of the Enzyme Specificity. ChemCatChem, 2018, 10, 4878-4887.	1.8	14
60	The cryo-EM Structure of Thermotoga maritima β -Galactosidase: Quaternary Structure Guides Protein Engineering. ACS Chemical Biology, 2020, 15, 179-188.	1.6	14
61	Structural and conformational study of 9-(2-hydroxyethyl)-9-azabicyclo[3.3.1]nonan-3-yl-ol. Journal of Molecular Structure, 1989, 192, 15-27.	1.8	13
62	Conformational Study of 2,4-Diaryl-3-azabicyclo[3.3.1]nonan-9-ones and Their 3-Methyl Derivatives by Quantum Mechanical Calculations, NMR, and X-ray Crystallography. Journal of Organic Chemistry, 1994, 59, 2565-2569.	1.7	13
63	Synthesis and Structural, Conformational, Biochemical, and Pharmacological Study of New Compounds Derived from Tropane-3-spiro-4-(5-imidazoline) as Potential 5-HT ₃ Receptor Antagonists. Journal of Pharmaceutical Sciences, 1995, 84, 101-106.	1.6	13
64	Conformational Changes in Inositol 1,3,4,5,6-Pentakisphosphate 2-Kinase upon Substrate Binding. Journal of Biological Chemistry, 2012, 287, 29237-29249.	1.6	13
65	A novel ring system: 6a-aminofuro[2,3-b]furans. Journal of Organic Chemistry, 1988, 53, 5341-5343.	1.7	12
66	Crystallization and Preliminary X-ray Diffraction Analysis of a Type I β -glucosidase Encoded by the bglA Gene of Bacillus polymyxa. Journal of Molecular Biology, 1994, 240, 267-270.	2.0	12
67	Structural basis of the inhibition of GH1 β -glucosidases by multivalent pyrrolidine iminosugars. Bioorganic Chemistry, 2019, 89, 103026.	2.0	12
68	Catalytic Cycle of Glycoside Hydrolase BglX from <i>Pseudomonas aeruginosa</i> and Its Implications for Biofilm Formation. ACS Chemical Biology, 2020, 15, 189-196.	1.6	11
69	Synthesis and Structural, Conformational, and Pharmacological Study of Some Esters Derived from 3-Phenethyl-3-azabicyclo[3.2.1]octan-8-yl-ol and the Corresponding M-Endo-methyl Quaternary Derivatives. Journal of Pharmaceutical Sciences, 1991, 80, 554-558.	1.6	10
70	Synthesis, and structural, conformational and pharmacological studies of new fentanyl derivatives of the norgranatane system. Journal of the Chemical Society Perkin Transactions II, 1992, , 687-695.	0.9	10
71	Synthesis and structural and conformational study of 3,7-dimethyl-3,7-diazabicyclo[3.3.1]nonan-9-one oxime and its tautomer imine N-oxide. Journal of Molecular Structure, 1994, 323, 85-91.	1.8	10
72	Synthesis and structure of new substituted 2-dicyanomethylene-1,2-dihydropyridines. Journal of Heterocyclic Chemistry, 1995, 32, 29-32.	1.4	10

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73	Probing the role of glutamic acid 139 of Anabaena ferredoxin-NADP+ reductase in the interaction with substrates. <i>FEBS Journal</i> , 2002, 269, 4938-4947.	0.2	10
74	Enzymatic Synthesis of Phloretin \pm Glucosides Using a Sucrose Phosphorylase Mutant and its Effect on Solubility, Antioxidant Properties and Skin Absorption. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3079-3089.	2.1	10
75	Two rings in one step: a novel 1,2,4-triazolo[1,5-a]pyridone with an unusual crystal structure. <i>Journal of Organic Chemistry</i> , 1990, 55, 2259-2262.	1.7	9
76	Structural, conformational and pharmacological study of some esters derived from 3-methyl-2,4-diphenyl-3-azabicyclo[3.3.1]nonan-9 β -ol. <i>Journal of Molecular Structure</i> , 1995, 351, 119-125.	1.8	9
77	Crystallization and preliminary X-ray study of recombinant betaine α -homocysteine S-methyltransferase from rat liver. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 1507-1510.	2.5	9
78	Crystallization and preliminary X-ray crystallographic analysis of β -galactosidase from <i>Kluyveromyces lactis</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 297-300.	0.7	9
79	Structural inspection and protein motions modelling of a fungal glycoside hydrolase family 18 chitinase by crystallography depicts a dynamic enzymatic mechanism. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 5466-5478.	1.9	9
80	Lattice-energy calculations on organometallic compounds. <i>Acta Crystallographica Section B: Structural Science</i> , 1988, 44, 259-262.	1.8	8
81	Remarkable effect of amide substituents on molecular organisation of silver selective pyridine-diamide-diester receptors. <i>Tetrahedron Letters</i> , 1995, 36, 9543-9546.	0.7	8
82	Rat liver betaine α -homocysteine S-methyltransferase equilibrium unfolding: insights into intermediate structure through tryptophan substitutions. <i>Biochemical Journal</i> , 2005, 391, 589-599.	1.7	8
83	A new calmodulin-binding motif for inositol 1,4,5-trisphosphate 3-kinase regulation. <i>Biochemical Journal</i> , 2014, 463, 319-328.	1.7	8
84	The crystal structure of mammalian inositol 1,3,4,5,6-pentakisphosphate 2-kinase reveals a new zinc-binding site and key features for protein function. <i>Journal of Biological Chemistry</i> , 2017, 292, 10534-10548.	1.6	8
85	Structural analysis of the reducing α -xylose β -releasing exo α -oligoxyranase Rex8A from <i>Paenibacillus</i> <i>arzinonensis</i> BP α 23 deciphers its molecular specificity. <i>FEBS Journal</i> , 2020, 287, 5362-5374.	2.2	8
86	Phylogenetic, functional and structural characterization of a GH10 xylanase active at extreme conditions of temperature and alkalinity. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 2676-2686.	1.9	8
87	Iridium α -fluorobenzenethiolato complexes: crystal structures of [Ir(SC ₆ F ₅)(CO)(PPh ₃) ₂], [Ir(η -4-SC ₆ F ₅) ₃ (η -4-CO)(CO) ₄ (PPh ₃) ₂] and [Ir(SC ₆ F ₅)(η -O ₂)(CO)(PPh ₃) ₂]. <i>Polyhedron</i> , 1999, 18, 959-968.	1.0	7
88	Crystallization and preliminary X-ray diffraction analysis of the fructofuranosidase from <i>Schwanniomyces occidentalis</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 1162-1165.	0.7	7
89	An analysis of subdomain orientation, conformational change and disorder in relation to crystal packing of aspartic proteinases. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2012, 68, 541-552.	2.5	7
90	Structure α -Function Insights into the Fungal Endo-Chitinase Chit33 Depict its Mechanism on Chitinous Material. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7599.	1.8	7

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91	Synthesis and structural study of tropane benzamines. <i>Journal of Molecular Structure</i> , 1989, 197, 59-72.	1.8	6
92	Structural characterization of (±)-3-aryl-1-azabicyclo[2.2.2]octan-3-ols by two-dimensional NMR spectroscopy and X-Ray crystallography. I. <i>Magnetic Resonance in Chemistry</i> , 1991, 29, 1130-1139.	1.1	6
93	Synthesis and structural and conformational study of 3[±]-methoxycarbonyl-3[±]-(3- ² ,4- ² ,5- ² -trimethoxybenzamido)-N8-substituted nortropans. <i>Journal of Molecular Structure</i> , 1992, 267, 79-86.	1.8	6
94	Dalton communication. New diiridium(I) and diiridium(I,III) complexes containing thiolate ligands. Crystal structures of [(cod)Cl(SC6F5)Ir(μ-SC6F5)2Ir(cod)] and [(Ir(μ-SC6F5)(CO)2)2](cod = Tj ETQq0 0 0 rgBT 1 Overlock 4 0 Tf 50 6	1.0	6
95	Comparative Study and Mutational Analysis of Distinctive Structural Elements of Hyperthermophilic Enzymes. <i>Protein Journal</i> , 2007, 26, 435-444.	0.7	6
96	Crystallization and preliminary X-ray diffraction analysis of the fructofuranosidase from <i>Xanthophyllomyces dendrorhous</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 1441-1444.	0.7	6
97	Structure and evolutionary trace-assisted screening of a residue swapping the substrate ambiguity and chiral specificity in an esterase. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 2307-2317.	1.9	6
98	Tautomerism of Bis(2-benzothiazolyl)arylmethanes. <i>Heterocycles</i> , 1989, 29, 165.	0.4	6
99	Mixed oxides of the system MV-TeIV-O2 (M= Nb, Ta, Sb); II. crystal structure of Ta2Te2O9. <i>Materials Research Bulletin</i> , 1987, 22, 1405-1412.	2.7	5
100	Synthesis and structural study of dichloro di-2-benzothiazolylphenylmethanol Zinc(II). <i>Inorganica Chimica Acta</i> , 1990, 174, 169-173.	1.2	5
101	Crystallization and preliminary X-ray diffraction analysis of the invertase from <i>Saccharomyces cerevisiae</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 1538-1541.	0.7	5
102	Deciphering the molecular specificity of phenolic compounds as inhibitors or glycosyl acceptors of β-fructofuranosidase from <i>Xanthophyllomyces dendrorhous</i> . <i>Scientific Reports</i> , 2019, 9, 17441.	1.6	5
103	New insights into the molecular mechanism behind mannitol and erythritol fructosylation by β-fructofuranosidase from <i>Schwanniomyces occidentalis</i> . <i>Scientific Reports</i> , 2021, 11, 7158.	1.6	5
104	Crystal structure of (η ⁵ -pentamethylcyclopentadienyl) (O,O'-diisopropyl dithiophosphato) (dicarbonyl)-iron(II), FeS2PO4C18H29. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 1986, 175, .	0.4	4
105	Structure of (η ⁵ -cyclopentadienyl)(dicarbonyl)(O,O'-diisopropyl dithiophosphato)iron(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1986, 42, 1121-1123.	0.4	4
106	Synthesis, structural, conformational and pharmacological study of N-2- ² -acyloxyalkylnorgranatanones. <i>European Journal of Medicinal Chemistry</i> , 1990, 25, 497-506.	2.6	4
107	Structural Study of Benzidamine Salicylate in the Solid State and in Solution. <i>Journal of Pharmaceutical Sciences</i> , 1992, 81, 94-98.	1.6	4
108	Synthesis and Structural, Biochemical, and Pharmacological Study of 30-Acyloxy-3a-methoxycarbonyltropane Derivatives. <i>Journal of Pharmaceutical Sciences</i> , 1993, 82, 794-798.	1.6	4

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109	Structural and conformational study of some N [±] -substituted benzoyl derivatives of the 3- [±] -amino-3- [±] -carbamoyl-N-8-substituted nortropans. <i>Journal of Molecular Structure</i> , 1993, 291, 1-10.	1.8	4
110	10H [±] -2,3-Benzo-1,4-dioxa-7,10,13-triazacyclopentadec-2-ene-6,14-dione Picrate Hydrate (1/1/1). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1997, 53, 799-801.	0.4	4
111	Structural study of (R [±]) alkyl 3-hydroxy-1-azabicyclo[2.2.2]octane-3-carboxylates. <i>Journal of Molecular Structure</i> , 2003, 644, 171-179.	1.8	4
112	Crystallization and preliminary X-ray diffraction analysis of inositol 1,3,4,5,6-pentakisphosphate kinase from <i>Arabidopsis thaliana</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 102-106.	0.7	4
113	Crystallization and preliminary X-ray diffraction data of [±] -galactosidase from <i>Aspergillus niger</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 1529-1531.	0.4	4
114	Synthesis and structural and conformational study of some esters derived from 8- [±] -hydroxy-3-phenethyl-3-azabicyclo [3.2.1] octan-8- [±] -carboxylic acid. <i>Journal of Molecular Structure</i> , 1991, 246, 339-357.	1.8	3
115	Synthesis, structural, conformational and biochemical study of some 3- [±] -cyloxytropan [±] - [±] -carboxylic acid hydrochlorides. <i>Journal of Heterocyclic Chemistry</i> , 1992, 29, 1821-1827.	1.4	3
116	Structural and conformational study of 3-methyl-2,4-diphenyl-3-azabicyclo[3.3.1]nonan-9 [±] -ol. <i>Journal of Molecular Structure</i> , 1993, 293, 49-54.	1.8	3
117	The use of protein homologues in the rotation function. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1993, 49, 306-315.	0.3	3
118	Crystallization and Preliminary X-Ray Diffraction Analysis of a Mammal Inositol 1,3,4,5,6-Pentakisphosphate 2-Kinase. <i>Protein Journal</i> , 2017, 36, 240-248.	0.7	3
119	Synthesis and structural, conformational and pharmacological study of some esters derived from 3- [±] -hydroxytropan-3- [±] -carboxylic acid. <i>Journal of Molecular Structure</i> , 1993, 301, 95-105.	1.8	2
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