

Christopher T Walsh

List of Publications by Year in descending order

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134
papers

21,641
citations

15503
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14208
128
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140
all docs

140
docs citations

140
times ranked

22339
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Prospects for Antibacterial Discovery and Development. Journal of the American Chemical Society, 2021, 143, 21127-21142. | 13.7 | 51 |
| 2 | Biologically generated carbon dioxide: nature's versatile chemical strategies for carboxy lyases. Natural Product Reports, 2020, 37, 100-135. | 10.3 | 31 |
| 3 | Historic Overviewâ€”Peptide Natural Products: Perspectives on Nascent Scaffold Morphings. , 2020, , 3-16. | | 0 |
| 4 | Bi-allelic Variants in DYNC112 Cause Syndromic Microcephaly with Intellectual Disability, Cerebral Malformations, and Dysmorphic Facial Features. American Journal of Human Genetics, 2019, 104, 1073-1087. | 6.2 | 19 |
| 5 | Enzymatic Cascade Reactions in Biosynthesis. Angewandte Chemie - International Edition, 2019, 58, 6846-6879. | 13.8 | 150 |
| 6 | Enzymkaskadenreaktionen in der Biosynthese. Angewandte Chemie, 2019, 131, 6918-6952. | 2.0 | 22 |
| 7 | Chemical Biology: Here to Stay?. Israel Journal of Chemistry, 2019, 59, 7-17. | 2.3 | 2 |
| 8 | Eight Kinetically Stable but Thermodynamically Activated Molecules that Power Cell Metabolism. Chemical Reviews, 2018, 118, 1460-1494. | 47.7 | 194 |
| 9 | Recent Advances in Enzymatic Complexity Generation: Cyclization Reactions. Biochemistry, 2018, 57, 3087-3104. | 2.5 | 35 |
| 10 | Propofol: Milk of Amnesia. Cell, 2018, 175, 10-13. | 28.9 | 83 |
| 11 | Nature Builds Macrocycles and Heterocycles into Its Antimicrobial Frameworks: Deciphering Biosynthetic Strategy. ACS Infectious Diseases, 2018, 4, 1283-1299. | 3.8 | 19 |
| 12 | At the Intersection of Chemistry, Biology, and Medicine. Annual Review of Biochemistry, 2017, 86, 1-19. | 11.1 | 18 |
| 13 | Structureâ€”Activity Relationship and Molecular Mechanics Reveal the Importance of Ring Entropy in the Biosynthesis and Activity of a Natural Product. Journal of the American Chemical Society, 2017, 139, 2541-2544. | 13.7 | 43 |
| 14 | Are highly morphed peptide frameworks lurking silently in microbial genomes valuable as next generation antibiotic scaffolds?. Natural Product Reports, 2017, 34, 687-693. | 10.3 | 8 |
| 15 | Oxidative Cyclization in Natural Product Biosynthesis. Chemical Reviews, 2017, 117, 5226-5333. | 47.7 | 288 |
| 16 | Structural elements of an NRPS cyclization domain and its intermodule docking domain. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12432-12437. | 7.1 | 65 |
| 17 | Crystal structure of O-methyltransferase CalO6 from the calicheamicin biosynthetic pathway: a case of challenging structure determination at low resolution. BMC Structural Biology, 2015, 15, 13. | 2.3 | 10 |
| 18 | The Pseudomonas aeruginosa antimetabolite L -2-amino-4-methoxy-trans-3-butenic acid (AMB) is made from glutamate and two alanine residues via a thiotemplate-linked tripeptide precursor. Frontiers in Microbiology, 2015, 6, 170. | 3.5 | 52 |

| # | ARTICLE | IF | CITATIONS |
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| 19 | In Vitro Reconstitution of Metabolic Pathways: Insights into Nature's Chemical Logic. Synlett, 2015, 26, 1008-1025. | 1.8 | 26 |
| 20 | Minimum Information about a Biosynthetic Gene cluster. Nature Chemical Biology, 2015, 11, 625-631. | 8.0 | 715 |
| 21 | A chemocentric view of the natural product inventory. Nature Chemical Biology, 2015, 11, 620-624. | 8.0 | 57 |
| 22 | Nature loves nitrogen heterocycles. Tetrahedron Letters, 2015, 56, 3075-3081. | 1.4 | 114 |
| 23 | Biological Matching of Chemical Reactivity: Pairing Indole Nucleophilicity with Electrophilic Isoprenoids. ACS Chemical Biology, 2014, 9, 2718-2728. | 3.4 | 42 |
| 24 | Prospects for new antibiotics: a molecule-centered perspective. Journal of Antibiotics, 2014, 67, 7-22. | 2.0 | 304 |
| 25 | NOVEL CHEMISTRY STILL TO BE FOUND IN NATURE. , 2014, , . | | 0 |
| 26 | EcdGHK Are Three Tailoring Iron Oxygenases for Amino Acid Building Blocks of the Echinocandin Scaffold. Journal of the American Chemical Society, 2013, 135, 4457-4466. | 13.7 | 71 |
| 27 | Ribosomally synthesized and post-translationally modified peptide natural products: overview and recommendations for a universal nomenclature. Natural Product Reports, 2013, 30, 108-160. | 10.3 | 1,692 |
| 28 | Flavoenzymes: Versatile catalysts in biosynthetic pathways. Natural Product Reports, 2013, 30, 175-200. | 10.3 | 317 |
| 29 | Short Pathways to Complexity Generation: Fungal Peptidyl Alkaloid Multicyclic Scaffolds from Anthranilate Building Blocks. ACS Chemical Biology, 2013, 8, 1366-1382. | 3.4 | 80 |
| 30 | Complexity Generation in Fungal Peptidyl Alkaloid Biosynthesis: A Two-Enzyme Pathway to the Hexacyclic MDR Export Pump Inhibitor Ardeemin. ACS Chemical Biology, 2013, 8, 741-748. | 3.4 | 49 |
| 31 | Nonproteinogenic Amino Acid Building Blocks for Nonribosomal Peptide and Hybrid Polyketide Scaffolds. Angewandte Chemie - International Edition, 2013, 52, 7098-7124. | 13.8 | 314 |
| 32 | Codon Randomization for Rapid Exploration of Chemical Space in Thiopeptide Antibiotic Variants. Chemistry and Biology, 2012, 19, 1600-1610. | 6.0 | 77 |
| 33 | Editorial: natural products themed issue. MedChemComm, 2012, 3, 852. | 3.4 | 0 |
| 34 | Stereochemical Outcome at Four Stereogenic Centers during Conversion of Prephenate to Tetrahydrotyrosine by BacABGF in the Bacilysin Pathway. Biochemistry, 2012, 51, 5622-5632. | 2.5 | 18 |
| 35 | <i>Pseudomonas syringae</i> Self-Protection from Tabtoxinine- β -Lactam by Ligase TblF and Acetylase Ttr. Biochemistry, 2012, 51, 7712-7725. | 2.5 | 20 |
| 36 | Three Ring Posttranslational Circuses: Insertion of Oxazoles, Thiazoles, and Pyridines into Protein-Derived Frameworks. ACS Chemical Biology, 2012, 7, 429-442. | 3.4 | 88 |

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|----|--|------|-----------|
| 37 | Olefin Isomerization Regiochemistries during Tandem Action of BacA and BacB on Prephenate in Bacilysin Biosynthesis. <i>Biochemistry</i> , 2012, 51, 3241-3251. | 2.5 | 21 |
| 38 | Aminobenzoates as building blocks for natural product assembly lines. <i>Natural Product Reports</i> , 2012, 29, 37-59. | 10.3 | 82 |
| 39 | Biosynthesis of Piperazic Acid via N^5 -Hydroxy-Ornithine in <i>Kutzneria</i> spp. 744. <i>ChemBioChem</i> , 2012, 13, 972-976. | 2.6 | 74 |
| 40 | Chemical Logic and Enzymatic Machinery for Biological Assembly of Peptidyl Nucleoside Antibiotics. <i>ACS Chemical Biology</i> , 2011, 6, 1000-1007. | 3.4 | 74 |
| 41 | Transient Domain Interactions in Non-Ribosomal Peptide Synthetases. <i>FASEB Journal</i> , 2011, 25, . | 0.5 | 0 |
| 42 | Thiazolyl Peptide Antibiotic Biosynthesis: A Cascade of Post-translational Modifications on Ribosomal Nascent Proteins. <i>Journal of Biological Chemistry</i> , 2010, 285, 27525-27531. | 3.4 | 92 |
| 43 | Catalysis at the Intersection of Biology, Chemistry, and Medicine. <i>Journal of Biological Chemistry</i> , 2010, 285, 29681-29689. | 3.4 | 5 |
| 44 | Prephenate Decarboxylases: A New Prephenate-Utilizing Enzyme Family That Performs Nonaromatizing Decarboxylation en Route to Diverse Secondary Metabolites. <i>Biochemistry</i> , 2010, 49, 9021-9023. | 2.5 | 31 |
| 45 | Genetic Interception and Structural Characterization of Thiopeptide Cyclization Precursors from <i>Bacillus cereus</i> . <i>Journal of the American Chemical Society</i> , 2010, 132, 12182-12184. | 13.7 | 76 |
| 46 | Natural Products Version 2.0: Connecting Genes to Molecules. <i>Journal of the American Chemical Society</i> , 2010, 132, 2469-2493. | 13.7 | 407 |
| 47 | The Genetic and Molecular Basis for Sunscreen Biosynthesis in Cyanobacteria. <i>Science</i> , 2010, 329, 1653-1656. | 12.6 | 315 |
| 48 | Investigation of Anticapsin Biosynthesis Reveals a Four-Enzyme Pathway to Tetrahydrotyrosine in <i>Bacillus subtilis</i> . <i>Biochemistry</i> , 2010, 49, 912-923. | 2.5 | 40 |
| 49 | Anthranilate-Activating Modules from Fungal Nonribosomal Peptide Assembly Lines. <i>Biochemistry</i> , 2010, 49, 3351-3365. | 2.5 | 84 |
| 50 | Repurposing libraries of eukaryotic protein kinase inhibitors for antibiotic discovery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1689-1690. | 7.1 | 30 |
| 51 | How Nature Morphs Peptide Scaffolds into Antibiotics. <i>ChemBioChem</i> , 2009, 10, 34-53. | 2.6 | 111 |
| 52 | New Ways to Squash Superbugs. <i>Scientific American</i> , 2009, 301, 44-51. | 1.0 | 29 |
| 53 | Three Siderophores from One Bacterial Enzymatic Assembly Line. <i>Journal of the American Chemical Society</i> , 2009, 131, 5056-5057. | 13.7 | 65 |
| 54 | Antibiotics for Emerging Pathogens. <i>Science</i> , 2009, 325, 1089-1093. | 12.6 | 1,544 |

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| 55 | Inhibitors of Sterol Biosynthesis as <i>Staphylococcus aureus</i> Antibiotics. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5700-5702. | 13.8 | 36 |
| 56 | Morphing peptide backbones into heterocycles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5655-5656. | 7.1 | 30 |
| 57 | The Chemical Versatility of Natural-Product Assembly Lines. <i>Accounts of Chemical Research</i> , 2008, 41, 4-10. | 15.6 | 208 |
| 58 | Andrimid producers encode an acetyl-CoA carboxyltransferase subunit resistant to the action of the antibiotic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13321-13326. | 7.1 | 71 |
| 59 | Revealing Coupling Patterns in Isoprenoid Alkylation Biocatalysis. <i>ACS Chemical Biology</i> , 2007, 2, 296-298. | 3.4 | 11 |
| 60 | Nonenzymatic Oxidative Steps Accompanying Action of the Cytochrome P450 Enzymes StaP and RebP in the Biosynthesis of Staurosporine and Rebeccamycin. <i>Journal of the American Chemical Society</i> , 2007, 129, 11016-11017. | 13.7 | 68 |
| 61 | BluB cannibalizes flavin to form the lower ligand of vitamin B12. <i>Nature</i> , 2007, 446, 449-453. | 27.8 | 160 |
| 62 | Natural Product Enzymatic Assembly Lines: Novel Features. <i>FASEB Journal</i> , 2007, 21, A147. | 0.5 | 0 |
| 63 | Novel oxidative strategies en route to rebeccamycin & staurosporine. <i>FASEB Journal</i> , 2007, 21, A274. | 0.5 | 0 |
| 64 | Robert Heinz Abeles. <i>Proceedings of the American Philosophical Society</i> , 2007, 151, 331-5. | 0.5 | 0 |
| 65 | Protein Assembly Line Components in Prodigiosin Biosynthesis:Â Characterization of PigA,G,H,I,J. <i>Journal of the American Chemical Society</i> , 2006, 128, 12600-12601. | 13.7 | 64 |
| 66 | Staurosporine and Rebeccamycin Aglycones Are Assembled by the Oxidative Action of StaP, StaC, and RebC on Chromopyrrolic Acid. <i>Journal of the American Chemical Society</i> , 2006, 128, 12289-12298. | 13.7 | 125 |
| 67 | GliP, a Multimodular Nonribosomal Peptide Synthetase in <i>Aspergillus fumigatus</i> , Makes the Diketopiperazine Scaffold of Gliotoxin. <i>Biochemistry</i> , 2006, 45, 15029-15038. | 2.5 | 139 |
| 68 | Biological formation of pyrroles: Nature's logic and enzymatic machinery. <i>Natural Product Reports</i> , 2006, 23, 517. | 10.3 | 407 |
| 69 | Natural insights for chemical biologists. <i>Nature Chemical Biology</i> , 2005, 1, 122-124. | 8.0 | 15 |
| 70 | Protein Posttranslational Modifications: The Chemistry of Proteome Diversifications. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7342-7372. | 13.8 | 1,275 |
| 71 | Enzymatic Generation of the Chromopyrrolic Acid Scaffold of Rebeccamycin by the Tandem Action of RebO and RebD. <i>Biochemistry</i> , 2005, 44, 15652-15663. | 2.5 | 89 |
| 72 | Introduction:â€‰ Antibiotic Resistance. <i>Chemical Reviews</i> , 2005, 105, 391-394. | 47.7 | 144 |

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| 73 | Polyketide and Nonribosomal Peptide Antibiotics: Modularity and Versatility. <i>Science</i> , 2004, 303, 1805-1810. | 12.6 | 591 |
| 74 | Polyketide-nonribosomal peptide epothilone antitumor agents: the EpoA, B, C subunits. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2003, 30, 448-455. | 3.0 | 20 |
| 75 | Der Aufbau von Vancomycin: so macht es die Natur. <i>Angewandte Chemie</i> , 2003, 115, 752-789. | 2.0 | 46 |
| 76 | Vancomycin Assembly: Nature's Way. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 730-765. | 13.8 | 341 |
| 77 | Where will new antibiotics come from?. <i>Nature Reviews Microbiology</i> , 2003, 1, 65-70. | 28.6 | 636 |
| 78 | Antibiotic Glycosyltransferases: Antibiotic Maturation and Prospects for Reprogramming. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 3425-3436. | 6.4 | 71 |
| 79 | Genetics and Assembly Line Enzymology of Siderophore Biosynthesis in Bacteria. <i>Microbiology and Molecular Biology Reviews</i> , 2002, 66, 223-249. | 6.6 | 697 |
| 80 | Combinatorial Biosynthesis of Antibiotics: Challenges and Opportunities. <i>ChemBioChem</i> , 2002, 3, 124-134. | 2.6 | 175 |
| 81 | Yersiniabactin Synthetase. <i>Chemistry and Biology</i> , 2002, 9, 333-344. | 6.0 | 173 |
| 82 | Cyclization of Backbone-Substituted Peptides Catalyzed by the Thioesterase Domain from the Tyrocidine Nonribosomal Peptide Synthetase. <i>Biochemistry</i> , 2001, 40, 7092-7098. | 2.5 | 105 |
| 83 | Generality of Peptide Cyclization Catalyzed by Isolated Thioesterase Domains of Nonribosomal Peptide Synthetases. <i>Biochemistry</i> , 2001, 40, 7099-7108. | 2.5 | 151 |
| 84 | Substrate Recognition and Selection by the Initiation Module PheATE of Gramicidin S Synthetase. <i>Journal of the American Chemical Society</i> , 2001, 123, 11208-11218. | 13.7 | 53 |
| 85 | Tandem Action of Glycosyltransferases in the Maturation of Vancomycin and Teicoplanin Aglycones: A Novel Glycopeptides. <i>Biochemistry</i> , 2001, 40, 4745-4755. | 2.5 | 157 |
| 86 | The Loading Module of Rifamycin Synthetase Is an Adenylation~Thiolation Didomain with Substrate Tolerance for Substituted Benzoates. <i>Biochemistry</i> , 2001, 40, 6116-6123. | 2.5 | 62 |
| 87 | Yersiniabactin Synthetase: Probing the Recognition of Carrier Protein Domains by the Catalytic Heterocyclization Domains, Cy1 and Cy2, in the Chain-Initiating HMWP2 Subunit. <i>Biochemistry</i> , 2001, 40, 5313-5321. | 2.5 | 32 |
| 88 | Peptide cyclization catalysed by the thioesterase domain of tyrocidine synthetase. <i>Nature</i> , 2000, 407, 215-218. | 27.8 | 311 |
| 89 | Reconstitution and Characterization of the <i>Vibrio cholerae</i> Vibriobactin Synthetase from VibB, VibE, VibF, and VibH. <i>Biochemistry</i> , 2000, 39, 15522-15530. | 2.5 | 134 |
| 90 | Selectivity of the Yersiniabactin Synthetase Adenylation Domain in the Two-Step Process of Amino Acid Activation and Transfer to a Holo-Carrier Protein Domain. <i>Biochemistry</i> , 2000, 39, 2297-2306. | 2.5 | 51 |

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| 91 | Vibriobactin Biosynthesis in <i>Vibrio cholerae</i> : VibH Is an Amide Synthase Homologous to Nonribosomal Peptide Synthetase Condensation Domains. <i>Biochemistry</i> , 2000, 39, 15513-15521. | 2.5 | 105 |
| 92 | Assembly of the <i>Pseudomonas aeruginosa</i> Nonribosomal Peptide Siderophore Pyochelin: In Vitro Reconstitution of Aryl-4,2-bisthiazoline Synthetase Activity from PchD, PchE, and PchF. <i>Biochemistry</i> , 1999, 38, 14941-14954. | 2.5 | 129 |
| 93 | Aminoacyl-CoAs as Probes of Condensation Domain Selectivity in Nonribosomal Peptide Synthesis. <i>Science</i> , 1999, 284, 486-489. | 12.6 | 313 |
| 94 | Determinants for Differential Effects on d-Ala-d-Lactate vs d-Ala-d-Ala Formation by the VanA Ligase from Vancomycin-Resistant Enterococci. <i>Biochemistry</i> , 1999, 38, 14006-14022. | 2.5 | 43 |
| 95 | Tandem Heterocyclization Activity of the Multidomain 230 kDa HMWP2 Subunit of <i>Yersinia pestis</i> Yersiniabactin Synthetase: Interaction of the 1382 and 1383-2035 Fragments. <i>Biochemistry</i> , 1999, 38, 14023-14035. | 2.5 | 44 |
| 96 | Posttranslational Heterocyclization of Cysteine and Serine Residues in the Antibiotic Microcin B17: Distributivity and Directionality. <i>Biochemistry</i> , 1999, 38, 15623-15630. | 2.5 | 83 |
| 97 | Localization of Labile Posttranslational Modifications by Electron Capture Dissociation: The Case of ¹³ C-Carboxyglutamic Acid. <i>Analytical Chemistry</i> , 1999, 71, 4250-4253. | 6.5 | 362 |
| 98 | Characterization of Sfp, a <i>Bacillus subtilis</i> Phosphopantetheinyl Transferase for Peptidyl Carrier Protein Domains in Peptide Synthetases. <i>Biochemistry</i> , 1998, 37, 1585-1595. | 2.5 | 643 |
| 99 | Reconstitution and Characterization of the <i>Escherichia coli</i> Enterobactin Synthetase from EntB, EntE, and EntF. <i>Biochemistry</i> , 1998, 37, 2648-2659. | 2.5 | 218 |
| 100 | The Nonribosomal Peptide Synthetase HMWP2 Forms a Thiazoline Ring during Biogenesis of Yersiniabactin, an Iron-Chelating Virulence Factor of <i>Yersinia pestis</i> . <i>Biochemistry</i> , 1998, 37, 11637-11650. | 2.5 | 155 |
| 101 | Stereochemical Course of Enzymatic Enolpyruvyl Transfer and Catalytic Conformation of the Active Site Revealed by the Crystal Structure of the Fluorinated Analogue of the Reaction Tetrahedral Intermediate Bound to the Active Site of the C115A Mutant of MurA. <i>Biochemistry</i> , 1998, 37, 2572-2577. | 2.5 | 71 |
| 102 | Mutational Analysis of Posttranslational Heterocycle Biosynthesis in the Gyrase Inhibitor Microcin B17: Distance Dependence from Propeptide and Tolerance for Substitution in a GSCG Cyclizable Sequence. <i>Biochemistry</i> , 1998, 37, 4125-4136. | 2.5 | 47 |
| 103 | Design, Synthesis, and Biochemical Evaluation of Phosphonate and Phosphoramidate Analogs of Glutathionylspermidine as Inhibitors of Glutathionylspermidine Synthetase/Amidase from <i>Escherichia coli</i> . <i>Journal of Medicinal Chemistry</i> , 1997, 40, 3842-3850. | 6.4 | 35 |
| 104 | d-Alanine:d-Alanine Ligase: Phosphonate and Phosphinate Intermediates with Wild Type and the Y216F Mutant. <i>Biochemistry</i> , 1997, 36, 2531-2538. | 2.5 | 80 |
| 105 | Utilization of Enzymatically Phosphopantetheinylated Acyl Carrier Proteins and Acetyl-CoA Acyl Carrier Proteins by the Actinorhodin Polyketide Synthase. <i>Biochemistry</i> , 1997, 36, 11757-11761. | 2.5 | 45 |
| 106 | X-ray Crystal Structures of the S229A Mutant and Wild-Type MurB in the Presence of the Substrate Enolpyruvyl-UDP-N-Acetylglucosamine at 1.8-Å Resolution. <i>Biochemistry</i> , 1997, 36, 806-811. | 2.5 | 69 |
| 107 | Mutational Analysis of Potential Zinc-Binding Residues in the Active Site of the Enterococcal d-Ala-d-Ala Dipeptidase VanX. <i>Biochemistry</i> , 1997, 36, 10498-10505. | 2.5 | 104 |
| 108 | The leader peptide is essential for the posttranslational modification of the DNA gyrase inhibitor microcin B17. <i>Molecular Microbiology</i> , 1997, 23, 161-168. | 2.5 | 60 |

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| 109 | Acetyltransfer Precedes Uridyltransfer in the Formation of UDP-N-acetylglucosamine in Separable Active Sites of the Bifunctional GlmU Protein of <i>Escherichia coli</i> . <i>Biochemistry</i> , 1996, 35, 579-585. | 2.5 | 98 |
| 110 | Kinetic Comparison of the Specificity of the Vancomycin Resistance Kinase VanS for Two Response Regulators, VanR and PhoB. <i>Biochemistry</i> , 1996, 35, 4732-4740. | 2.5 | 83 |
| 111 | Gain of d-Alanyl-d-lactate and d-Lactyl-d-alanine Synthetase Activities in Three Active-Site Mutants of the <i>Escherichia coli</i> d-Alanyl-d-alanine Ligase. <i>Biochemistry</i> , 1996, 35, 10464-10471. | 2.5 | 49 |
| 112 | Characterization of a Cys115 to Asp Substitution in the <i>Escherichia coli</i> Cell Wall Biosynthetic Enzyme UDP-GlcNAc Enolpyruvyl Transferase (MurA) That Confers Resistance to Inactivation by the Antibiotic Fosfomycin. <i>Biochemistry</i> , 1996, 35, 4923-4928. | 2.5 | 200 |
| 113 | Analysis of Fluoromethyl Group Chirality Establishes a Common Stereochemical Course for the Enolpyruvyl Transfers Catalyzed by EPSP Synthase and UDP-GlcNAc Enolpyruvyl Transferase. <i>Biochemistry</i> , 1996, 35, 5435-5440. | 2.5 | 28 |
| 114 | Competitive inhibition of calcineurin phosphatase activity by its autoinhibitory domain. <i>Biochemical Journal</i> , 1996, 320, 879-884. | 3.7 | 42 |
| 115 | A new enzyme superfamily – the phosphopantetheinyl transferases. <i>Chemistry and Biology</i> , 1996, 3, 923-936. | 6.0 | 746 |
| 116 | An enzyme-substrate complex involved in bacterial cell wall biosynthesis. <i>Nature Structural Biology</i> , 1995, 2, 644-653. | 9.7 | 78 |
| 117 | Crystallization and preliminary X-ray crystallographic studies of UDP-N-acetylenolpyruvylglucosamine reductase. <i>Protein Science</i> , 1994, 3, 1125-1127. | 7.6 | 12 |
| 118 | Functional association of cyclophilin A with HIV-1 virions. <i>Nature</i> , 1994, 372, 363-365. | 27.8 | 650 |
| 119 | Substrate specificities of catalytic fragments of protein tyrosine phosphatases (HPTP, LAR, and) Tj ETQq1. <i>Protein Science</i> , 1993, 2, 977-984. | 10.784314 7.6 | rgBT /Ove 87 |
| 120 | Identification of a common protease-sensitive region in d-Alanyl-d-Alanine and d-Alanyl-d-Lactate ligases and photoaffinity labeling with 8-azido ATP. <i>Protein Science</i> , 1993, 2, 1765-1769. | 7.6 | 15 |
| 121 | Clonal dispersion in proliferative layers of developing cerebral cortex. <i>Nature</i> , 1993, 362, 632-635. | 27.8 | 264 |
| 122 | Crystallization and preliminary crystallographic analysis of trypanothione reductase from <i>Trypanosoma cruzi</i> , the causative agent of Chagas' disease. <i>FEBS Letters</i> , 1993, 317, 105-108. | 2.8 | 27 |
| 123 | Widespread dispersion of neuronal clones across functional regions of the cerebral cortex. <i>Science</i> , 1992, 255, 434-440. | 12.6 | 598 |
| 124 | Characterization of EntF as a serine-activating enzyme. <i>Protein Science</i> , 1992, 1, 549-556. | 7.6 | 42 |
| 125 | Overexpression, purification, and characterization of yeast cyclophilins A and B. <i>Protein Science</i> , 1992, 1, 961-969. | 7.6 | 21 |
| 126 | 83-kilodalton heat shock proteins of trypanosomes are potent peptide-stimulated ATPases. <i>Protein Science</i> , 1992, 1, 970-979. | 7.6 | 48 |

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| 127 | Active site mutants of human cyclophilin A separate peptidylâ€prolyl isomerase activity from cyclosporin A binding and calcineurin inhibition. Protein Science, 1992, 1, 1092-1099. | 7.6 | 279 |
| 128 | NMR analysis of regioselectivity in dephosphorylation of a triphosphotyrosyl dodecapeptide autophosphorylation site of the insulin receptor by a catalytic fragment of LAR phosphotyrosine phosphatase. Protein Science, 1992, 1, 1353-1362. | 7.6 | 15 |
| 129 | <i>Response</i> : The Dispersion of Neuronal Clones Across the Cerebral Cortex. Science, 1992, 258, 317-320. | 12.6 | 5 |
| 130 | NMR studies of [U-13C]cyclosporin A bound to human cyclophilin B. FEBS Letters, 1991, 290, 195-199. | 2.8 | 17 |
| 131 | The 15 N-terminal amino acids of hexokinase II are not required for in vivo function: Analysis of a truncated form of hexokinase II in <i>Saccharomyces cerevisiae</i> . Proteins: Structure, Function and Bioinformatics, 1989, 5, 218-223. | 2.6 | 13 |
| 132 | Molecular basis of bacterial resistance to organomercurial and inorganic mercuric salts. FASEB Journal, 1988, 2, 124-130. | 0.5 | 92 |
| 133 | Siderophore Biosynthesis in Bacteria. , 0, , 18-37. | | 13 |
| 134 | Regulation of Glycopeptide Resistance Genes of Enterococcal Transposon Tn1546 by the VanR-VanS Two-Component Regulatory System. , 0, , 387-391. | | 2 |