

# Kevin A Reynolds

## List of Publications by Year in descending order

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108  
papers

3,998  
citations

94433

37  
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144013

57  
g-index

110  
all docs

110  
docs citations

110  
times ranked

3192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Total Synthesis and Antimalarial Activity of 2-( <i>p</i> -Hydroxybenzyl)-prodigiosins, Isoheptylprodigiosin, and Geometric Isomers of Tambjamine MYP1 Isolated from Marine Bacteria. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 8739-8754.	6.4	14
2	Lead Optimization of Second-Generation Acridones as Broad-Spectrum Antimalarials. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 6179-6202.	6.4	7
3	MarH, a Bifunctional Enzyme Involved in the Condensation and Hydroxylation Steps of the Marineosin Biosynthetic Pathway. <i>Organic Letters</i> , 2017, 19, 1298-1301.	4.6	7
4	<i>Stenotrophomonas maltophilia</i> OleC-Catalyzed ATP-Dependent Formation of Long-Chain Olefins from $\alpha$ -Alkyl- $\beta$ -hydroxyalkanoic Acids. <i>ChemBioChem</i> , 2016, 17, 1426-1429.	2.6	13
5	Identification and Characterization of FabA from the Type II Fatty Acid Synthase of <i>Streptomyces coelicolor</i> . <i>Journal of Natural Products</i> , 2016, 79, 240-243.	3.0	4
6	Distinct tRNA Accommodation Intermediates Observed on the Ribosome with the Antibiotics Hygromycin A and A201A. <i>Molecular Cell</i> , 2015, 58, 832-844.	9.7	79
7	Characterization of FabG and FabI of the <i>Streptomyces coelicolor</i> Dissociated Fatty Acid Synthase. <i>ChemBioChem</i> , 2015, 16, 631-640.	2.6	12
8	Synthesis and Structure-Activity Relationships of Tambjamines and B-Ring Functionalized Prodiginines as Potent Antimalarials. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 7286-7309.	6.4	37
9	Stereospecific Synthesis of 23-Hydroxyundecylprodiginines and Analogues and Conversion to Antimalarial Premarineosins via a Rieske Oxygenase Catalyzed Bicyclization. <i>Journal of Organic Chemistry</i> , 2014, 79, 11674-11689.	3.2	35
10	Elucidation of Final Steps of the Marineosins Biosynthetic Pathway through Identification and Characterization of the Corresponding Gene Cluster. <i>Journal of the American Chemical Society</i> , 2014, 136, 4565-4574.	13.7	49
11	Synthesis of 2,2-bipyrrole-5-carboxaldehydes and their application in the synthesis of B-ring functionalized prodiginines and tambjamines. <i>Tetrahedron</i> , 2013, 69, 8375-8385.	1.9	16
12	Structural and Stereochemical Analysis of a Modular Polyketide Synthase Ketoreductase Domain Required for the Generation of a cis-Alkene. <i>Chemistry and Biology</i> , 2013, 20, 772-783.	6.0	52
13	Functional Modular Dissection of DEBS1-TE Changes Triketide Lactone Ratios and Provides Insight into Acyl Group Loading, Hydrolysis, and ACP Transfer. <i>Biochemistry</i> , 2012, 51, 9333-9341.	2.5	7
14	<i>Streptomyces coelicolor</i> RedP and FabH enzymes, initiating undecylprodiginine and fatty acid biosynthesis, exhibit distinct acyl-CoA and malonyl-acyl carrier protein substrate specificities. <i>FEMS Microbiology Letters</i> , 2012, 328, 32-38.	1.8	9
15	Functional Characterization of an NADPH Dependent 2-Alkyl-3-ketoalkanoic Acid Reductase Involved in Olefin Biosynthesis in <i>Stenotrophomonas maltophilia</i> . <i>Biochemistry</i> , 2011, 50, 9633-9640.	2.5	30
16	Antimalarial Activity of Natural and Synthetic Prodiginines. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5296-5306.	6.4	135
17	Acyl-CoA Subunit Selectivity in the Pikromycin Polyketide Synthase PikAIV: Steady-State Kinetics and Active-Site Occupancy Analysis by FTICR-MS. <i>Chemistry and Biology</i> , 2011, 18, 1075-1081.	6.0	26
18	Structure and Function of the RedJ Protein, a Thioesterase from the Prodiginine Biosynthetic Pathway in <i>Streptomyces coelicolor</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 22558-22569.	3.4	41

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19	The Final Step of Hygromycin A Biosynthesis, Oxidation of C-5 $\epsilon^3$ -Dihydrohygromycin A, Is Linked to a Putative Proton Gradient-Dependent Efflux. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 5163-5172.	3.2	6
20	Biosynthesis of the salinosporamide A polyketide synthase substrate chloroethylmalonyl-coenzyme A from <i>S</i> -adenosyl- <i>L</i> -methionine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12295-12300.	7.1	169
21	Application of a Newly Identified and Characterized 18- <i>O</i> -Acyltransferase in Chemoenzymatic Synthesis of Selected Natural and Nonnatural Bioactive Derivatives of Phoslactomycins. <i>Applied and Environmental Microbiology</i> , 2009, 75, 3469-3476.	3.1	15
22	Functional Dissection of a Multimodular Polypeptide of the Pikromycin Polyketide Synthase into Monomodules by Using a Matched Pair of Heterologous Docking Domains. <i>ChemBioChem</i> , 2009, 10, 1537-1543.	2.6	12
23	High titer production of tetracenomycins by heterologous expression of the pathway in a <i>Streptomyces cinnamomensis</i> industrial monensin producer strain. <i>Metabolic Engineering</i> , 2009, 11, 319-327.	7.0	34
24	Biosynthesis of the Aminocyclitol Subunit of Hygromycin A in <i>Streptomyces hygroscopicus</i> NRRL 2388. <i>Chemistry and Biology</i> , 2009, 16, 1180-1189.	6.0	21
25	Structural Basis for Binding Specificity between Subclasses of Modular Polyketide Synthase Docking Domains. <i>ACS Chemical Biology</i> , 2009, 4, 41-52.	3.4	97
26	Biosynthesis of Salinosporamides from $\hat{1}\pm, \hat{1}^2$ -Unsaturated Fatty Acids: Implications for Extending Polyketide Synthase Diversity. <i>Journal of the American Chemical Society</i> , 2009, 131, 10376-10377.	13.7	67
27	Generation of Novel Pikromycin Antibiotic Products Through Mutasynthesis. <i>ChemBioChem</i> , 2008, 9, 1609-1616.	2.6	14
28	Probing reactivity and substrate specificity of both subunits of the dimeric <i>Mycobacterium tuberculosis</i> FabH using alkyl-CoA disulfide inhibitors and acyl-CoA substrates. <i>Bioorganic Chemistry</i> , 2008, 36, 85-90.	4.1	8
29	Unsymmetric aryl $\epsilon$ -alkyl disulfide growth inhibitors of methicillin-resistant <i>Staphylococcus aureus</i> and <i>Bacillus anthracis</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 6501-6508.	3.0	43
30	Elucidation of the <i>Streptomyces coelicolor</i> Pathway to $\hat{2}$ -Undecylpyrrole, a Key Intermediate in Undecylprodiginine and Streptorubin B Biosynthesis. <i>Chemistry and Biology</i> , 2008, 15, 137-148.	6.0	84
31	Separate Entrance and Exit Portals for Ligand Traffic in <i>Mycobacterium tuberculosis</i> FabH. <i>Chemistry and Biology</i> , 2008, 15, 402-412.	6.0	35
32	Synthesis and biological evaluation of novel sulfonyl-naphthalene-1,4-diols as FabH inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 6402-6405.	2.2	42
33	<i>cis</i> - $\hat{2},3$ -Double Bond of Phoslactomycins Is Generated by a Post-PKS Tailoring Enzyme. <i>Journal of the American Chemical Society</i> , 2008, 130, 12236-12237.	13.7	39
34	An <i>O</i> -Phosphotransferase Catalyzes Phosphorylation of Hygromycin A in the Antibiotic-Producing Organism <i>Streptomyces hygroscopicus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 3580-3588.	3.2	15
35	<i>Mycobacterium tuberculosis</i> $\hat{2}$ -Ketoacyl Acyl Carrier Protein Synthase III (mtFabH) Assay: Principles and Method. <i>Methods in Molecular Medicine</i> , 2008, 142, 205-213.	0.8	4
36	Antibacterial targets in fatty acid biosynthesis. <i>Current Opinion in Microbiology</i> , 2007, 10, 447-453.	5.1	166

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37	Modular Polyketide Synthases and cis-Double Bond Formation: Establishment of Activated cis-3-Cyclohexylpropenoic Acid as the Diketide Intermediate in Phoslactomycin Biosynthesis. <i>Journal of the American Chemical Society</i> , 2007, 129, 1910-1911.	13.7	41
38	Hygromycin A Biosynthesis. <i>ACS Symposium Series</i> , 2007, , 16-32.	0.5	0
39	Synthesis and biological evaluation of thiazolidine-2-one 1,1-dioxide as inhibitors of <i>Escherichia coli</i> $\beta$ -ketoacyl-ACP-synthase III (FabH). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 879-883.	2.2	37
40	Alkyl-CoA Disulfides as Inhibitors and Mechanistic Probes for FabH Enzymes. <i>Chemistry and Biology</i> , 2007, 14, 513-524.	6.0	53
41	Production of Hygromycin A Analogs in <i>Streptomyces hygrosopicus</i> NRRL 2388 through Identification and Manipulation of the Biosynthetic Gene Cluster. <i>Chemistry and Biology</i> , 2006, 13, 753-764.	6.0	41
42	Multiple pathways for acetate assimilation in <i>Streptomyces cinnamonensis</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2006, 33, 141-150.	3.0	19
43	Identification and disruptional analysis of the <i>Streptomyces cinnamonensis</i> msdA gene, encoding methylmalonic acid semialdehyde dehydrogenase. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2006, 33, 75-83.	3.0	4
44	Genetic manipulation of the biosynthetic process leading to phoslactomycins, potent protein phosphatase 2A inhibitors. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2006, 33, 589-599.	3.0	16
45	Production of Branched-Chain Alkylprodiginines in <i>S. coelicolor</i> by Replacement of the 3-Ketoacyl ACP Synthase III Initiation Enzyme, RedP. <i>Chemistry and Biology</i> , 2005, 12, 191-200.	6.0	33
46	A pH-Stability Study of Phoslactomycin B and Analysis of the Acid and Base Degradation Products. <i>Journal of Antibiotics</i> , 2005, 58, 573-582.	2.0	14
47	The plmS 2 -Encoded Cytochrome P450 Monooxygenase Mediates Hydroxylation of Phoslactomycin B in <i>Streptomyces</i> sp. Strain HK803. <i>Journal of Bacteriology</i> , 2005, 187, 7970-7976.	2.2	13
48	Alteration of the Fatty Acid Profile of <i>Streptomyces coelicolor</i> by Replacement of the Initiation Enzyme 3-Ketoacyl Acyl Carrier Protein Synthase III (FabH). <i>Journal of Bacteriology</i> , 2005, 187, 3795-3799.	2.2	56
49	Crotonyl-coenzyme A reductase provides methylmalonyl-CoA precursors for monensin biosynthesis by <i>Streptomyces cinnamonensis</i> in an oil-based extended fermentation. <i>Microbiology (United Kingdom)</i> , 2004, 150, 3463-3472.	1.8	30
50	An efficient method for creation and functional analysis of libraries of hybrid type I polyketide synthases. <i>Protein Engineering, Design and Selection</i> , 2004, 17, 277-284.	2.1	25
51	1,2-Dithiole-3-Ones as Potent Inhibitors of the Bacterial 3-Ketoacyl Acyl Carrier Protein Synthase III (FabH). <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 3093-3102.	3.2	88
52	Biosynthesis of phoslactomycins: cyclohexanecarboxylic acid as the starter unit. <i>Tetrahedron</i> , 2003, 59, 7465-7471.	1.9	25
53	Iterative Chain Elongation by a Pikromycin Monomodular Polyketide Synthase. <i>Journal of the American Chemical Society</i> , 2003, 125, 4682-4683.	13.7	42
54	The Initiating Steps of a Type II Fatty Acid Synthase in <i>Plasmodium falciparum</i> are Catalyzed by pfacp, pfmcat, and pfKASIII. <i>Biochemistry</i> , 2003, 42, 1160-1169.	2.5	84

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55	Biosynthetic Origins of the Natural Product, Thiolactomycin: A Unique and Selective Inhibitor of Type II Dissociated Fatty Acid Synthases. <i>Journal of the American Chemical Society</i> , 2003, 125, 10166-10167.	13.7	21
56	Substrate Recognition and Channeling of Monomodules from the Pikromycin Polyketide Synthase. <i>Journal of the American Chemical Society</i> , 2003, 125, 12551-12557.	13.7	28
57	Biosynthetic Origin of Hygromycin A. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 2065-2071.	3.2	21
58	Enhancement and Selective Production of Phoslactomycin B, a Protein Phosphatase IIa Inhibitor, through Identification and Engineering of the Corresponding Biosynthetic Gene Cluster. <i>Journal of Biological Chemistry</i> , 2003, 278, 35552-35557.	3.4	63
59	Recent Developments in the Production of Novel Polyketides by Combinatorial Biosynthesis. <i>Biotechnology and Genetic Engineering Reviews</i> , 2002, 19, 159-174.	6.2	11
60	Biochemical Evidence for an Editing Role of Thioesterase II in the Biosynthesis of the Polyketide Pikromycin. <i>Journal of Biological Chemistry</i> , 2002, 277, 48028-48034.	3.4	95
61	Purification, Characterization, and Identification of Novel Inhibitors of the $\beta^2$ -Ketoacyl-Acyl Carrier Protein Synthase III (FabH) from <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 1310-1318.	3.2	60
62	Enzymes Involved in Fatty Acid and Polyketide Biosynthesis in <i>Streptomyces glaucescens</i> : Role of FabH and FabD and Their Acyl Carrier Protein Specificity. <i>Biochemistry</i> , 2002, 41, 10462-10471.	2.5	68
63	An Unexpected Interaction between the Modular Polyketide Synthases, Erythromycin DEBS1 and Pikromycin PikAIV, Leads to Efficient Triketide Lactone Synthesis. <i>Biochemistry</i> , 2002, 41, 10827-10833.	2.5	28
64	Generation of Multiple Bioactive Macrolides by Hybrid Modular Polyketide Synthases in <i>Streptomyces venezuelae</i> . <i>Chemistry and Biology</i> , 2002, 9, 203-214.	6.0	98
65	The Hidden Steps of Domain Skipping. <i>Chemistry and Biology</i> , 2002, 9, 575-583.	6.0	52
66	A <i>Streptomyces collinus</i> Thiolase with Novel Acetyl-CoA:Acyl Carrier Protein Transacylase Activity. <i>Biochemistry</i> , 2001, 40, 11955-11964.	2.5	13
67	The <i>Streptomyces venezuelae</i> pikAV gene contains a transcription unit essential for expression of enzymes involved in glycosylation of narbonolide and 10-deoxymethynolide. <i>Gene</i> , 2001, 263, 255-264.	2.2	23
68	Precursor Supply for Polyketide Biosynthesis: The Role of Crotonyl-CoA Reductase. <i>Metabolic Engineering</i> , 2001, 3, 40-48.	7.0	31
69	MeaA, a Putative Coenzyme B <sub>12</sub> -Dependent Mutase, Provides Methylmalonyl Coenzyme A for Monensin Biosynthesis in <i>Streptomyces cinnamonensis</i> . <i>Journal of Bacteriology</i> , 2001, 183, 2071-2080.	2.2	39
70	Crystal Structure of the <i>Mycobacterium tuberculosis</i> $\beta^2$ -Ketoacyl-Acyl Carrier Protein Synthase III. <i>Journal of Biological Chemistry</i> , 2001, 276, 20516-20522.	3.4	103
71	Engineered Fatty Acid Biosynthesis in <i>Streptomyces</i> by Altered Catalytic Function of $\beta^2$ -Ketoacyl-Acyl Carrier Protein Synthase III. <i>Journal of Bacteriology</i> , 2001, 183, 2335-2342.	2.2	29
72	Characterization and Analysis of the PikD Regulatory Factor in the Pikromycin Biosynthetic Pathway of <i>Streptomyces venezuelae</i> . <i>Journal of Bacteriology</i> , 2001, 183, 3468-3475.	2.2	111

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73	Development of a Scintillation Proximity Assay for $\hat{1}^2$ -Ketoacyl-acyl Carrier Protein Synthase III. <i>Analytical Biochemistry</i> , 2000, 282, 107-114.	2.4	22
74	Mechanisms of molecular recognition in the pikromycin polyketide synthase. <i>Chemistry and Biology</i> , 2000, 7, 907-918.	6.0	17
75	Fatty-acid biosynthesis in a branched-chain $\hat{1}^{\pm}$ -keto acid dehydrogenase mutant of <i>Streptomyces avermitilis</i> . <i>Canadian Journal of Microbiology</i> , 2000, 46, 506-514.	1.7	22
76	A Novel $\hat{1}^3, \hat{1}^2$ -Enoyl-CoA Isomerase Involved in the Biosynthesis of the Cyclohexanecarboxylic Acid-Derived Moiety of the Polyketide Ansatrienin A&E. <i>Biochemistry</i> , 2000, 39, 7595-7604.	2.5	21
77	Fatty-acid biosynthesis in a branched-chain $\hat{1}^{\pm}$ -keto acid dehydrogenase mutant of <i>Streptomyces avermitilis</i> . <i>Canadian Journal of Microbiology</i> , 2000, 46, 506-514.	1.7	10
78	Polyketide synthase acyl carrier protein (ACP) as a substrate and a catalyst for malonyl ACP biosynthesis. <i>Chemistry and Biology</i> , 1999, 6, 577-584.	6.0	30
79	Biosynthesis of ansatrienin (mycotrienin) and naphthomycin. Identification and analysis of two separate biosynthetic gene clusters in <i>Streptomyces collinus</i> Tu 1892. <i>FEBS Journal</i> , 1999, 261, 98-107.	0.2	76
80	Genes encoding acyl-CoA dehydrogenase (AcdH) homologues from <i>Streptomyces coelicolor</i> and <i>Streptomyces avermitilis</i> provide insights into the metabolism of small branched-chain fatty acids and macrolide antibiotic production The GenBank accession numbers for the sequences described in this paper are AF142581 ( <i>Streptomyces coelicolor</i> ) and AF143210 ( <i>Streptomyces avermitilis</i> ). <i>Microbiology (United Kingdom)</i> , 1999, 145, 2323-2334.	1.8	50
81	Role of Crotonyl Coenzyme A Reductase in Determining the Ratio of Polyketides Monensin A and Monensin B Produced by <i>Streptomyces cinnamomensis</i> . <i>Journal of Bacteriology</i> , 1999, 181, 6806-6813.	2.2	46
82	Stereochemical Analyses of the <i>Streptomyces hygroscopicus</i> var. <i>ascomyeticus</i> Type-II Dehydroquinone Dehydratase and Evidence for a Role of the Enzyme in the Biosynthesis of the Shikimate-Derived Moiety of Ascomycin. <i>Journal of Organic Chemistry</i> , 1998, 63, 8098-8099.	3.2	5
83	Cloning, Expression, and Characterization of a Type II 3-Dehydroquinone Dehydratase Gene from <i>Streptomyces hygroscopicus</i> . <i>Archives of Biochemistry and Biophysics</i> , 1998, 350, 298-306.	3.0	11
84	Ethyl-substituted erythromycin derivatives produced by directed metabolic engineering. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 7305-7309.	7.1	120
85	Characterization of $\hat{1}^2$ -Ketoacyl-Acyl Carrier Protein Synthase III from <i>Streptomyces glaucescens</i> and Its Role in Initiation of Fatty Acid Biosynthesis. <i>Journal of Bacteriology</i> , 1998, 180, 4481-4486.	2.2	96
86	Biosynthesis of the Shikimate-derived Starter Unit of the Immunosuppressant Ascomycin: Stereochemistry of the 1,4-Conjugate Elimination. <i>Journal of Antibiotics</i> , 1997, 50, 701-703.	2.0	21
87	The mechanistic and evolutionary basis of stereospecificity for hydrogen transfers in enzyme-catalysed processes. <i>Chemical Society Reviews</i> , 1997, 26, 337.	38.1	12
88	Linking Diversity in Evolutionary Origin and Stereospecificity for Enoyl Thioester Reductases: A Determination and Interpretation of the Novel Stereochemical Course of Reaction Catalyzed by Crotonyl CoA Reductase from <i>Streptomyces collinus</i> . <i>Journal of the American Chemical Society</i> , 1997, 119, 2973-2979.	18.7	15
89	Rapamycin, FK506 and Ascomycin-Related Compounds. <i>Drugs and the Pharmaceutical Sciences</i> , 1997, , 497-520.	0.1	15
90	The Biosynthesis of Monensin-A: Thymine, .BETA.-Aminoisobutyrate and Methacrylate Metabolism in <i>Streptomyces cinnamomensis</i> . <i>Journal of Antibiotics</i> , 1995, 48, 1280-1287.	2.0	11

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91	Purification of Crotonyl-CoA Reductase from <i>Streptomyces collinus</i> and Cloning, Sequencing and Expression of the Corresponding Gene in <i>Escherichia coli</i> . <i>FEBS Journal</i> , 1995, 233, 954-962.	0.2	60
92	In vivo analysis of straight-chain and branched-chain fatty acid biosynthesis in three actinomycetes. <i>FEMS Microbiology Letters</i> , 1995, 131, 227-234.	1.8	71
93	Kinetic and stereoelectronic effects of a fluorine substituent on the reaction catalysed by an NADPH-dependent cyclohex-1-enylcarbonyl CoA reductase. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 2329.	2.0	7
94	In vivo analysis of straight-chain and branched-chain fatty acid biosynthesis in three actinomycetes. <i>FEMS Microbiology Letters</i> , 1995, 131, 227-234.	1.8	2
95	The incorporation of thymine and $\beta^2$ -aminoisobutyrate into the polyether antibiotic, monensin-A. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1577-1578.	2.0	2
96	Biosynthetic studies of ascomycin (FK520): formation of the (1R,3R,4R)-3,4-dihydroxycyclohexanecarboxylic acid-derived moiety. <i>Journal of the American Chemical Society</i> , 1994, 116, 11600-11601.	13.7	36
97	Biosynthetic studies on ansatrienin A. Formation of the cyclohexanecarboxylic acid moiety. <i>Journal of the American Chemical Society</i> , 1993, 115, 5254-5266.	13.7	78
98	Comparison of Two Unusual Enoyl-CoA Reductases in <i>Streptomyces collinus</i> . <i>Journal of Natural Products</i> , 1993, 56, 175-185.	3.0	8
99	Mechanistic Studies of a $\beta^1$ , $\beta^2$ Cyclohexenylcarbonyl CoA Isomerase Catalyzing the Penultimate Step in the Biosynthesis of the Cyclohexanecarboxylic Acid Moiety of Ansatrienin A. <i>Journal of Natural Products</i> , 1993, 56, 825-829.	3.0	11
100	Biosynthesis of ansatrienin by <i>Streptomyces collinus</i> : Cell-free transformations of cyclohexene- and cyclohexadienecarboxylic acids.. <i>Journal of Antibiotics</i> , 1992, 45, 411-419.	2.0	14
101	Isotopically sensitive regioselectivity in the oxidative deamination of a homologous series of diamines catalyzed by diamine oxidase. <i>Chemico-Biological Interactions</i> , 1992, 85, 15-26.	4.0	2
102	Biosynthesis of ansatrienin: stereochemical course of the final reduction step leading to the cyclohexanecarboxylic acid moiety. <i>Journal of the American Chemical Society</i> , 1991, 113, 4339-4340.	13.7	24
103	Mechanistic studies of two amino acid racemases of broad substrate specificity from <i>Pseudomonas striata</i> and <i>Aeromonas caviae</i> . <i>Journal of Basic Microbiology</i> , 1991, 31, 177-188.	3.3	7
104	The Enzymic Interconversion of Isobutyryl and n-Butyrylcarbamoyl-Coenzyme A: A Coenzyme-B12-dependent Carbon Skeleton Rearrangement. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 1089-1090.	4.4	30
105	Butyrate metabolism in streptomycetes. Characterization of an intramolecular vicinal interchange rearrangement linking isobutyrate and butyrate in <i>Streptomyces cinnamomensis</i> . <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1988, , 3195.	0.9	44
106	Biosynthesis of monensin. Evidence for a vicinal interchange rearrangement linking n-butyryl-CoA and isobutyryl-CoA. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 1334.	2.0	6
107	Biosynthesis of monensin. The intramolecular rearrangement of isobutyryl-CoA to n-butyryl-CoA. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 1831.	2.0	12
108	Biosynthesis of the polyether antibiotic monensin-a: stereochemical aspects of the incorporation and metabolism of isobutyrate. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 1002.	2.0	17