

C Dale Poulter

List of Publications by Year in descending order

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211
papers

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citations

41258

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216
times ranked

5410
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal Structure of Cucumene Synthase, a Terpenoid Cyclase That Generates a Linear Triquinane Sesquiterpene. <i>Biochemistry</i> , 2018, 57, 6326-6335.	1.2	14
2	Mechanistic Studies of the Protonation/Deprotonation Reactions for Type 1 and Type 2 Isopentenyl Diphosphate:Dimethylallyl Diphosphate Isomerase. <i>Journal of the American Chemical Society</i> , 2018, 140, 12900-12908.	6.6	13
3	Structure-Function Studies of <i>Artemisia tridentata</i> Farnesyl Diphosphate Synthase and Chrysanthemyl Diphosphate Synthase by Site-Directed Mutagenesis and Morphogenesis. <i>Journal of the American Chemical Society</i> , 2017, 139, 14556-14567.	6.6	16
4	Further Insight into Crystal Structures of <i>Escherichia coli</i> IspH/LytB in Complex with Two Potent Inhibitors of the MEP Pathway: A Starting Point for Rational Design of New Antimicrobials. <i>ChemBioChem</i> , 2017, 18, 2137-2144.	1.3	4
5	Construction of Functional Monomeric Type 2 Isopentenyl Diphosphate:Dimethylallyl Diphosphate Isomerase. <i>Biochemistry</i> , 2016, 55, 4229-4238.	1.2	3
6	Fifteen Years with JOC. <i>Journal of Organic Chemistry</i> , 2016, 81, 12073-12074.	1.7	0
7	Kinetic and Binding Studies of <i>Streptococcus pneumoniae</i> Type 2 Isopentenyl Diphosphate:Dimethylallyl Diphosphate Isomerase. <i>Biochemistry</i> , 2016, 55, 2260-2268.	1.2	4
8	Site-Selective Synthesis of ¹⁵ N- and ¹³ C-Enriched Flavin Mononucleotide Coenzyme Isotopologues. <i>Journal of Organic Chemistry</i> , 2016, 81, 5087-5092.	1.7	6
9	Synthesis and Enzymatic Studies of Isoprenoid Thiolo Bisubstrate Analogues. <i>Journal of Organic Chemistry</i> , 2016, 81, 5093-5100.	1.7	2
10	Absolute Configuration of Hydroxysqualene. An Intermediate in Bacterial Hopanoid Biosynthesis. <i>Organic Letters</i> , 2016, 18, 512-515.	2.4	10
11	Defining the Product Chemical Space of Monoterpenoid Synthases. <i>PLoS Computational Biology</i> , 2016, 12, e1005053.	1.5	26
12	Isoprenoid Biosynthesis in Pathogenic Bacteria: Nuclear Resonance Vibrational Spectroscopy Provides Insight into the Unusual [4Fe-4S] Cluster of the <i>E. coli</i> LytB/IspH Protein. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12584-12587.	7.2	12
13	Biosynthesis of Squalene from Farnesyl Diphosphate in Bacteria: Three Steps Catalyzed by Three Enzymes. <i>ACS Central Science</i> , 2015, 1, 77-82.	5.3	69
14	Linking the Biological and Synthetic Worlds. <i>Bioconjugate Chemistry</i> , 2015, 26, 1158-1158.	1.8	1
15	Computational-guided discovery and characterization of a sesquiterpene synthase from <i>Streptomyces clavuligerus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5661-5666.	3.3	42
16	Synthesis and Enzymatic Studies of Bisubstrate Analogues for Farnesyl Diphosphate Synthase. <i>Journal of Organic Chemistry</i> , 2015, 80, 3902-3913.	1.7	3
17	Tetrahedral twinning in IDI-2 from <i>Thermus thermophilus</i> : crystallization under anaerobic conditions. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 347-349.	0.4	3
18	Editorial for the Special Issue on Mechanisms in Metal-Based Organic Chemistry. <i>Journal of Organic Chemistry</i> , 2014, 79, 11829-11829.	1.7	1

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19	Predicting the Functions and Specificity of Triterpenoid Synthases: A Mechanism-Based Multi-intermediate Docking Approach. <i>PLoS Computational Biology</i> , 2014, 10, e1003874.	1.5	23
20	Determination of Kinetics and the Crystal Structure of a Novel Type 2 Isopentenyl Diphosphate: Dimethylallyl Diphosphate Isomerase from <i>Streptococcus pneumoniae</i> . <i>ChemBioChem</i> , 2014, 15, 1452-1458.	1.3	9
21	Regio- and Chemoselective Immobilization of Proteins on Gold Surfaces. <i>Bioconjugate Chemistry</i> , 2014, 25, 269-275.	1.8	12
22	Synthesis of Methylerythritol Phosphate Analogues and Their Evaluation as Alternate Substrates for IspDF and IspE from <i>Agrobacterium tumefaciens</i> . <i>Journal of Organic Chemistry</i> , 2014, 79, 9170-9178.	1.7	6
23	Sandwich Antibody Arrays Using Recombinant Antibody-Binding Protein L. <i>Langmuir</i> , 2014, 30, 6629-6635.	1.6	6
24	δ -Deuterium Isotope Effects as Probes for Transition-State Structures of Isoprenoid Substrates. <i>Journal of Organic Chemistry</i> , 2014, 79, 3572-3580.	1.7	11
25	The Journal of Organic Chemistry Outstanding Author Award. <i>Journal of Organic Chemistry</i> , 2013, 78, 211-211.	1.7	1
26	Inhibition of IspH, a [4Fe-4S] ²⁺ Enzyme Involved in the Biosynthesis of Isoprenoids via the Methylerythritol Phosphate Pathway. <i>Journal of the American Chemical Society</i> , 2013, 135, 1816-1822.	6.6	36
27	Howard Elliott Zimmerman. <i>Journal of Organic Chemistry</i> , 2013, 78, 1707-1708.	1.7	1
28	Regioselective Covalent Immobilization of Catalytically Active Glutathione S-Transferase on Glass Slides. <i>Bioconjugate Chemistry</i> , 2013, 24, 571-577.	1.8	16
29	Regioselective Covalent Immobilization of Recombinant Antibody-Binding Proteins A, G, and L for Construction of Antibody Arrays. <i>Journal of the American Chemical Society</i> , 2013, 135, 8973-8980.	6.6	50
30	Novel route to chaetomelic acid A and analogues: Serendipitous discovery of a more competent FTase inhibitor. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 348-358.	1.4	8
31	Tyrosine <i>O</i> -Prenyltransferase SirD Catalyzes <i>S</i> -, <i>C</i> -, and <i>N</i> -Prenylations on Tyrosine and Tryptophan Derivatives. <i>ACS Chemical Biology</i> , 2013, 8, 2707-2714.	1.6	37
32	Multisite Prenylation of 4-Substituted Tryptophans by Dimethylallyltryptophan Synthase. <i>Journal of the American Chemical Society</i> , 2013, 135, 1895-1902.	6.6	39
33	Prediction of function for the polyprenyl transferase subgroup in the isoprenoid synthase superfamily. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E1196-202.	3.3	75
34	Mutagenesis of Isopentenyl Phosphate Kinase To Enhance Geranyl Phosphate Kinase Activity. <i>ACS Chemical Biology</i> , 2012, 7, 1241-1246.	1.6	7
35	<i>The Journal of Organic Chemistry</i> Implements Brief Communications. <i>Journal of Organic Chemistry</i> , 2011, 76, 3615-3615.	1.7	1
36	JOC Synopses. <i>Journal of Organic Chemistry</i> , 2011, 76, 2385-2385.	1.7	0

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37	The Enzyme Function Initiative. <i>Biochemistry</i> , 2011, 50, 9950-9962.	1.2	169
38	<i>The Journal of Organic Chemistry</i> Implements Brief Communications. <i>Organic Letters</i> , 2011, 13, 2515-2515.	2.4	0
39	Type-2 Isopentenyl Diphosphate Isomerase: Evidence for a Stepwise Mechanism. <i>Journal of the American Chemical Society</i> , 2011, 133, 19017-19019.	6.6	13
40	Synthesis and Evaluation of Chlorinated Substrate Analogues for Farnesyl Diphosphate Synthase. <i>Journal of Organic Chemistry</i> , 2011, 76, 1838-1843.	1.7	17
41	Covalent modification of reduced flavin mononucleotide in type-2 isopentenyl diphosphate isomerase by active-site-directed inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 20461-20466.	3.3	25
42	Characterization of Thermophilic Archaeal Isopentenyl Phosphate Kinases. <i>Biochemistry</i> , 2010, 49, 207-217.	1.2	57
43	Type II Isopentenyl Diphosphate Isomerase: Probing the Mechanism with Alkyne/Allene Diphosphate Substrate Analogues. <i>Biochemistry</i> , 2010, 49, 6228-6233.	1.2	21
44	The Journal of Organic Chemistry Celebrates 75 Years of Publication. <i>Journal of Organic Chemistry</i> , 2010, 75, 1-1.	1.7	13
45	Enantioselective Inhibition of Squalene Synthase by Aziridine Analogues of Presqualene Diphosphate. <i>Journal of Organic Chemistry</i> , 2010, 75, 4769-4777.	1.7	22
46	X-ray Structures of Isopentenyl Phosphate Kinase. <i>ACS Chemical Biology</i> , 2010, 5, 517-527.	1.6	28
47	Reporting Analytical Data. <i>Journal of Organic Chemistry</i> , 2009, 74, 6415-6415.	1.7	4
48	Recombinant Squalene Synthase. Synthesis of Cyclopentyl Non-Head-to-Tail Triterpenes. <i>Journal of Organic Chemistry</i> , 2009, 74, 7562-7565.	1.7	8
49	Bioorganic Chemistry. A Natural Reunion of the Physical and Life Sciences. <i>Journal of Organic Chemistry</i> , 2009, 74, 2631-2645.	1.7	17
50	A Common Mechanism for Branching, Cyclopropanation, and Cyclobutanation Reactions in the Isoprenoid Biosynthetic Pathway. <i>Journal of the American Chemical Society</i> , 2008, 130, 1966-1971.	6.6	40
51	Synthesis and Evaluation of Substrate Analogues as Mechanism-Based Inhibitors of Type II Isopentenyl Diphosphate Isomerase. <i>Journal of Organic Chemistry</i> , 2008, 73, 726-729.	1.7	20
52	Type II Isopentenyl Diphosphate Isomerase: Irreversible Inactivation by Covalent Modification of Flavin. <i>Journal of the American Chemical Society</i> , 2008, 130, 4906-4913.	6.6	36
53	Cloning, Solubilization, and Characterization of Squalene Synthase from <i>Thermosynechococcus elongatus</i> BP-1. <i>Journal of Bacteriology</i> , 2008, 190, 3808-3816.	1.0	56
54	Kinetic and Spectroscopic Characterization of Type II Isopentenyl Diphosphate Isomerase from <i>Thermus thermophilus</i> : Evidence for Formation of Substrate-Induced Flavin Species. <i>Biochemistry</i> , 2007, 46, 5437-5445.	1.2	44

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55	Type-2 Isopentenyl Diphosphate Isomerase. Mechanistic Studies with Cyclopropyl and Epoxy Analogues. <i>Journal of the American Chemical Society</i> , 2007, 129, 7740-7741.	6.6	28
56	Farnesyl Diphosphate Analogues with β -Bioorthogonal Azide and Alkyne Functional Groups for Protein Farnesyl Transferase-Catalyzed Ligation Reactions. <i>Journal of Organic Chemistry</i> , 2007, 72, 9291-9297.	1.7	51
57	Chimeras of Two Isoprenoid Synthases Catalyze All Four Coupling Reactions in Isoprenoid Biosynthesis. <i>Science</i> , 2007, 316, 73-76.	6.0	160
58	Synthesis of Deuterium-Labeled Derivatives of Dimethylallyl Diphosphate. <i>Journal of Organic Chemistry</i> , 2006, 71, 1739-1741.	1.7	34
59	Regio- and Chemoselective Covalent Immobilization of Proteins through Unnatural Amino Acids. <i>Journal of the American Chemical Society</i> , 2006, 128, 9274-9275.	6.6	141
60	Farnesyl Diphosphate Synthase: The Art of Compromise between Substrate Selectivity and Stereoselectivity. <i>Journal of the American Chemical Society</i> , 2006, 128, 15819-15823.	6.6	88
61	<i>Escherichia coli</i> Type I Isopentenyl Diphosphate Isomerase: Structural and Catalytic Roles for Divalent Metals. <i>Journal of the American Chemical Society</i> , 2006, 128, 11545-11550.	6.6	41
62	Farnesyl Diphosphate Synthase. A Paradigm for Understanding Structure and Function Relationships in E-polyprenyl Diphosphate Synthases. <i>Phytochemistry Reviews</i> , 2006, 5, 17-26.	3.1	52
63	Lethal Mutations in the Isoprenoid Pathway of <i>Salmonella enterica</i> . <i>Journal of Bacteriology</i> , 2006, 188, 1444-1450.	1.0	12
64	Synthesis and Evaluation of 1-Deoxy-d-xylulose 5-Phosphoric Acid Analogues as Alternate Substrates for Methylerythritol Phosphate Synthase. <i>Journal of Organic Chemistry</i> , 2005, 70, 1978-1985.	1.7	47
65	Synthesis and Evaluation of 1-Deoxy-d-xylulose 5-Phosphate Analogues as Chelation-Based Inhibitors of Methylerythritol Phosphate Synthase. <i>Journal of Organic Chemistry</i> , 2005, 70, 9955-9959.	1.7	15
66	Structure of <i>Thermus thermophilus</i> type 2 isopentenyl diphosphate isomerase inferred from crystallography and molecular dynamics. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 1515-1518.	1.0	26
67	Isopentenyl Diphosphate Isomerase. Mechanism-Based Inhibition by Diene Analogues of Isopentenyl Diphosphate and Dimethylallyl Diphosphate. <i>Journal of the American Chemical Society</i> , 2005, 127, 17433-17438.	6.6	16
68	Identification of an Archaeal Type II Isopentenyl Diphosphate Isomerase in <i>Methanothermobacter thermoautotrophicus</i> . <i>Journal of Bacteriology</i> , 2004, 186, 1811-1817.	1.0	41
69	The Sorbitol Phosphotransferase System Is Responsible for Transport of 2- C -Methyl- d -Erythritol into <i>Salmonella enterica</i> Serovar Typhimurium. <i>Journal of Bacteriology</i> , 2004, 186, 473-480.	1.0	17
70	Type II Isopentenyl Diphosphate Isomerase from <i>Synechocystis</i> sp. Strain PCC 6803. <i>Journal of Bacteriology</i> , 2004, 186, 8156-8158.	1.0	35
71	Synthesis and biological activity of isopentenyl diphosphate analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 763-770.	1.4	22
72	Monitoring the three enzymatic activities involved in posttranslational modifications of Ras proteins. <i>Analytica Chimica Acta</i> , 2004, 521, 1-7.	2.6	9

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73	Unintended Consequences?. <i>Journal of Organic Chemistry</i> , 2004, 69, 1761-1761.	1.7	0
74	Proton Exchange in Type II Isopentenyl Diphosphate Isomerase. <i>Organic Letters</i> , 2004, 6, 5019-5021.	2.4	17
75	Zinc Is an Essential Cofactor for Type I Isopentenyl Diphosphate:Dimethylallyl Diphosphate Isomerase. <i>Journal of the American Chemical Society</i> , 2003, 125, 9008-9009.	6.6	37
76	Bacterial Phytoene Synthase:Â Molecular Cloning, Expression, and Characterization of <i>Erwinia herbicola</i> Phytoene Synthase. <i>Biochemistry</i> , 2003, 42, 3359-3365.	1.2	24
77	Chrysanthemyl Diphosphate Synthase. The Relationship among Chain Elongation, Branching, and Cyclopropanation Reactions in the Isoprenoid Biosynthetic Pathway. <i>Journal of the American Chemical Society</i> , 2003, 125, 6886-6888.	6.6	22
78	Enzymes Encoded by the Farnesyl Diphosphate Synthase Gene Family in the Big Sagebrush <i>Artemisia tridentata</i> ssp. <i>spiciformis</i> . <i>Journal of Biological Chemistry</i> , 2003, 278, 32132-32140.	1.6	87
79	Catalytic Mechanism of <i>Escherichia coli</i> Isopentenyl Diphosphate Isomerase Involves Cys-67, Glu-116, and Tyr-104 as Suggested by Crystal Structures of Complexes with Transition State Analogues and Irreversible Inhibitors. <i>Journal of Biological Chemistry</i> , 2003, 278, 11903-11908.	1.6	72
80	Synthesis of 4-Diphosphocytidyl-2-C-methyl-d-erythritol and 2-C-Methyl-d-erythritol-4-phosphate. <i>Journal of Organic Chemistry</i> , 2002, 67, 5416-5418.	1.7	16
81	Recombinant Squalene Synthase. Synthesis of Non-Head-to-Tail Isoprenoids in the Absence of NADPH. <i>Journal of the American Chemical Society</i> , 2002, 124, 8834-8845.	6.6	52
82	Synthesis of (E)-4-Hydroxydimethylallyl Diphosphate. An Intermediate in the Methyl Erythritol Phosphate Branch of the Isoprenoid Pathway. <i>Journal of Organic Chemistry</i> , 2002, 67, 5009-5010.	1.7	21
83	Recombinant Squalene Synthase. A Mechanism for the Rearrangement of Presqualene Diphosphate to Squalene. <i>Journal of the American Chemical Society</i> , 2002, 124, 8846-8853.	6.6	64
84	Measuring the activity of farnesyltransferase by capillary electrophoresis with laser-induced fluorescence detection. <i>Electrophoresis</i> , 2002, 23, 3398-3403.	1.3	27
85	Coupling of Isoprenoid Triflates with Organoboron Nucleophiles: Synthesis and Biological Evaluation of Geranylgeranyl Diphosphate Analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 1207-1219.	1.4	26
86	1-Deoxy- d -Xylulose 5-Phosphate Synthase, the Gene Product of Open Reading Frame (ORF) 2816 and ORF 2895 in <i>Rhodobacter capsulatus</i> . <i>Journal of Bacteriology</i> , 2001, 183, 1-11.	1.0	91
87	<i>Escherichia coli</i> Dimethylallyl Diphosphate:tRNA Dimethylallyltransferase:Â Site-Directed Mutagenesis of Highly Conserved Residues. <i>Biochemistry</i> , 2001, 40, 1734-1740.	1.2	30
88	Synthesis of (S)-Isoprenoid Thiodiphosphates as Substrates and Inhibitors. <i>Journal of Organic Chemistry</i> , 2001, 66, 6705-6710.	1.7	29
89	Geranylgeranyl glyceryl Phosphate Synthase. Characterization of the Recombinant Enzyme from <i>Methanobacterium thermoautotrophicum</i> . <i>Biochemistry</i> , 2001, 40, 14847-14854.	1.2	33
90	Solid-Phase Synthesis of a Radiolabeled, Biotinylated, and Farnesylated Ca1a2X Peptide Substrate for Ras- and Mating Factor Converting Enzyme. <i>Bioconjugate Chemistry</i> , 2001, 12, 35-43.	1.8	19

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91	Recent studies of the mechanism of protein prenylation (1992 to 1998). <i>Natural Product Reports</i> , 2000, 17, 137-144.	5.2	27
92	The CaaX Proteases, Afc1p and Rce1p, Have Overlapping but Distinct Substrate Specificities. <i>Molecular and Cellular Biology</i> , 2000, 20, 4381-4392.	1.1	93
93	Solid-Phase Synthesis of a Farnesylated CaaX Peptide Library: Inhibitors of the Ras CaaX Endoprotease. <i>ACS Combinatorial Science</i> , 2000, 2, 522-536.	3.3	24
94	Synthesis of 2-C-Methyl-d-erythritol 4-Phosphate: The First Pathway-Specific Intermediate in the Methylerythritol Phosphate Route to Isoprenoids. <i>Organic Letters</i> , 2000, 2, 215-217.	2.4	35
95	Squalene Synthase: Steady-State, Pre-Steady-State, and Isotope-Trapping Studies. <i>Biochemistry</i> , 2000, 39, 1748-1760.	1.2	36
96	Synthesis of Geranyl S-Thiolodiphosphate. A New Alternative Substrate/Inhibitor for Prenyltransferases. <i>Organic Letters</i> , 2000, 2, 2287-2289.	2.4	9
97	<i>Escherichia coli</i> Dimethylallyl Diphosphate:tRNA Dimethylallyltransferase: Essential Elements for Recognition of tRNA Substrates Within the Anticodon Stem-Loop. <i>Biochemistry</i> , 2000, 39, 6546-6553.	1.2	46
98	Farnesyl Diphosphate Synthase. Altering the Catalytic Site To Select for Geranyl Diphosphate Activity. <i>Biochemistry</i> , 2000, 39, 15316-15321.	1.2	70
99	Synthesis of 1-Deoxy-d-xylulose and 1-Deoxy-d-xylulose-5-phosphate. <i>Journal of Organic Chemistry</i> , 1999, 64, 1508-1511.	1.7	31
100	Yeast Protein Farnesyltransferase. pKas of Peptide Substrates Bound as Zinc Thiulates. <i>Biochemistry</i> , 1999, 38, 13138-13146.	1.2	39
101	Yeast Protein Farnesyltransferase. Binding of S-Alkyl Peptides and Related Analogues. <i>Organic Letters</i> , 1999, 1, 815-817.	2.4	6
102	Biosynthesis of Isoprenoids in <i>Escherichia coli</i> : Stereochemistry of the Reaction Catalyzed by Farnesyl Diphosphate Synthase. <i>Organic Letters</i> , 1999, 1, 1071-1073.	2.4	20
103	Synthesis of (R)-[2- ² H]Isopentenyl Diphosphate and Determination of Its Enantiopurity by ² H NMR Spectroscopy in a Lyotropic Medium. <i>Organic Letters</i> , 1999, 1, 1067-1070.	2.4	12
104	Farnesyl Protein Transferase: Identification of K164 and Y300 as Catalytic Residues by Mutagenesis and Kinetic Studies. <i>Biochemistry</i> , 1999, 38, 11239-11249.	1.2	37
105	<i>Escherichia coli</i> Open Reading Frame 696 Is <i>idi</i> , a Nonessential Gene Encoding Isopentenyl Diphosphate Isomerase. <i>Journal of Bacteriology</i> , 1999, 181, 4499-4504.	1.0	168
106	Analysis of the isopentenyl diphosphate isomerase gene family from <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> , 1998, 36, 323-328.	2.0	60
107	Yeast Protein Geranylgeranyltransferase Type-I: Steady-State Kinetics and Substrate Binding. <i>Biochemistry</i> , 1997, 36, 4552-4557.	1.2	29
108	<i>Escherichia coli</i> Dimethylallyl Diphosphate:tRNA Dimethylallyltransferase: A Binding Mechanism for Recombinant Enzyme. <i>Biochemistry</i> , 1997, 36, 604-614.	1.2	44

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109	Yeast Protein Farnesyltransferase: A Pre-Steady-State Kinetic Analysis. <i>Biochemistry</i> , 1997, 36, 6367-6376.	1.2	42
110	Yeast Protein Farnesyltransferase. Site-Directed Mutagenesis of Conserved Residues in the β -Subunit. <i>Biochemistry</i> , 1997, 36, 9246-9252.	1.2	34
111	BIOCHEMISTRY: Creating Isoprenoid Diversity. <i>Science</i> , 1997, 277, 1788-1789.	6.0	504
112	Chain elongation in the isoprenoid biosynthetic pathway. <i>Current Opinion in Chemical Biology</i> , 1997, 1, 570-578.	2.8	196
113	Cuprate-Mediated Synthesis and Biological Evaluation of Cyclopropyl- and tert-Butylfarnesyl Diphosphate Analogs. <i>Journal of Organic Chemistry</i> , 1996, 61, 8010-8015.	1.7	45
114	Transition State Analogs for Protein Farnesyltransferase. <i>Journal of the American Chemical Society</i> , 1996, 118, 8761-8762.	6.6	28
115	Yeast Geranylgeranyltransferase Type-II: A Steady State Kinetic Studies of the Recombinant Enzyme. <i>Biochemistry</i> , 1996, 35, 10454-10463.	1.2	28
116	Biosynthesis of Squalene. Evidence for a Tertiary Cyclopropylcarbinyl Cationic Intermediate in the Rearrangement of Presqualene Diphosphate to Squalene. <i>Journal of the American Chemical Society</i> , 1996, 118, 13089-13090.	6.6	38
117	Synthesis of Protein Farnesyltransferase and Protein Geranylgeranyltransferase Inhibitors: Rapid Access to Chaetomelic Acid A and Its Analogues. <i>Journal of Organic Chemistry</i> , 1996, 61, 6296-6301.	1.7	39
118	Synthesis of analogs of farnesyl diphosphate. <i>Tetrahedron</i> , 1996, 52, 119-130.	1.0	34
119	Mechanistic Studies of the Prenyl Transfer Reaction with Fluorinated Substrate Analogs. <i>ACS Symposium Series</i> , 1996, , 158-168.	0.5	5
120	Isolation of <i>Schizosaccharomyces pombe</i> Isopentenyl Diphosphate Isomerase cDNA Clones by Complementation and Synthesis of the Enzyme in <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 1995, 270, 11298-11303.	1.6	36
121	BTS1 Encodes a Geranylgeranyl Diphosphate Synthase in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 1995, 270, 21793-21799.	1.6	87
122	[4] Continuous fluorescence assay for protein prenyltransferases. <i>Methods in Enzymology</i> , 1995, 250, 30-43.	0.4	75
123	Biosynthesis of Non-Head-to-Tail Isoprenoids. Synthesis of 1 ¹ -1 and 1 ¹ -3 Structures by Recombinant Yeast Squalene Synthase. <i>Journal of the American Chemical Society</i> , 1995, 117, 1641-1642.	6.6	32
124	Allylic and Homoallylic CD Exciton Chirality: A Sensitive Method for Determining the Absolute Stereochemistry of Natural Products. <i>Journal of Organic Chemistry</i> , 1995, 60, 3539-3542.	1.7	26
125	A Stereoselective Palladium/Copper-Catalyzed Route to Isoprenoids: Synthesis and Biological Evaluation of 13-Methylidene-farnesyl Diphosphate. <i>Journal of Organic Chemistry</i> , 1995, 60, 7821-7829.	1.7	65
126	Macrocyclic Lactones from Dirhodium(II)-Catalyzed Intramolecular Cyclopropanation and Carbon-Hydrogen Insertion. <i>Journal of the American Chemical Society</i> , 1995, 117, 7281-7282.	6.6	72

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127	Enantioselective Synthesis of (+)-Presqualene Diphosphate. <i>Journal of Organic Chemistry</i> , 1995, 60, 941-945.	1.7	49
128	MPSA abstracts. <i>The Protein Journal</i> , 1994, 13, 515-543.	1.1	0
129	Isoprenyl diphosphate synthases: Protein sequence comparisons, a phylogenetic tree, and predictions of secondary structure. <i>Protein Science</i> , 1994, 3, 600-607.	3.1	205
130	Crystal Structure of Recombinant Farnesyl Diphosphate Synthase at 2.6-Å Resolution. <i>Biochemistry</i> , 1994, 33, 10871-10877.	1.2	415
131	Biosynthesis of archaeobacterial ether lipids. Formation of ether linkages by prenyltransferases. <i>Journal of the American Chemical Society</i> , 1993, 115, 1270-1277.	6.6	82
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