

George A O'doherty

List of Publications by Year in descending order

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168
papers

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53751

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102432

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223
all docs

223
docs citations

223
times ranked

3172
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Characterization of Structural Genomics Proteins in the Crotonase Superfamily. ACS Chemical Biology, 2022, 17, 395-403.	1.6	6
2	Achmatowicz approach to the asymmetric synthesis of (+)- and (âˆ’)-monanchorin. Green Synthesis and Catalysis, 2022, , .	3.7	1
3	Stereoselective Synthesis of ¹² C-Glycinamide Ribonucleotide. Molecules, 2022, 27, 2528.	1.7	0
4	De Novo Asymmetric Approach to Aspergillideâ€œC: Synthesis of 4â€œepiâ€œAspergillideâ€œC. ChemistrySelect, 2022, 7, .	0.7	2
5	Synthetic Efforts and Ultimate Limitation to an Asymmetric Achmatowicz Approach Toward EBC-23. Journal of Organic Chemistry, 2022, , .	1.7	1
6	De Novo Synthesis of Oligosaccharides Via Metal Catalysis. , 2021, , 435-463.		2
7	Synthesis of O â€œlinked Cyclitol Analogues of Gilvocarcin M and Antibacterial Activity. Israel Journal of Chemistry, 2021, 61, 394-400.	1.0	1
8	Cytotoxic effect of carbohydrate derivatives of digitoxigenin involves modulation of plasma membrane Ca ²⁺ â€œATPase. Journal of Cellular Biochemistry, 2021, 122, 1903-1914.	1.2	3
9	Structureâ€œactivity relationship of avocadyne. Food and Function, 2021, 12, 6323-6333.	2.1	5
10	Identifying requirements for RSK2 specific inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1798-1809.	2.5	4
11	Synthesis of a C-7 Pd-glycosyl-donor via the base promoted alkylative CO ₂ trapping with 2-acetylfuran. Journal of CO ₂ Utilization, 2021, 54, 101774.	3.3	2
12	Conformational states of the pig kidney Na ⁺ /K ⁺ -ATPase differently affect bufadienolides and cardenolides: A directed structure-activity and structure-kinetics study. Biochemical Pharmacology, 2020, 171, 113679.	2.0	17
13	Synthesis and biological study of the phomopsolide and phomopsolidone natural products. Chemical Communications, 2020, 56, 12885-12896.	2.2	6
14	Total and formal syntheses of fostriecin. Organic Chemistry Frontiers, 2020, 7, 3608-3615.	2.3	3
15	Potential antitumor activity of digitoxin and user-designed analog administered to human lung cancer cells. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129683.	1.1	5
16	RSK2 Maintains Adult Estrogen Homeostasis by Inhibiting ERK1/2-Mediated Degradation of Estrogen Receptor Alpha. Cell Reports, 2020, 32, 107931.	2.9	13
17	The affinity of RSK for cylitol analogues of SL0101 is critically dependent on the B-ring <i>C</i> -4â€œ-hydroxy. Chemical Communications, 2020, 56, 3058-3060.	2.2	7
18	Synthesis and Biological Evaluation of 4â€œ-Substituted Kaempfer-3-ols. Journal of Organic Chemistry, 2020, 85, 4279-4288.	1.7	10

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19	New strategies and structural considerations in development of therapeutics for carbapenem-resistant Enterobacteriaceae. <i>Translational Research</i> , 2020, 220, 14-32.	2.2	13
20	Regioselective Synthesis of a 4-Carbamate, 6-n-Pr Substituted Cyclitol Analogue of SLO101. <i>Organic Letters</i> , 2020, 22, 1448-1452.	2.4	12
21	De Novo Asymmetric Synthesis of Avocadyne, Avocadene, and Avocadane Stereoisomers. <i>Journal of Organic Chemistry</i> , 2019, 84, 15718-15725.	1.7	10
22	Synthesis of Dehydro-Dephospho-Fostriecin and Formal Total Synthesis of Fostriecin. <i>Organic Letters</i> , 2019, 21, 8334-8338.	2.4	5
23	Synthesis and direct comparison of the anticancer activities of phomopsolides D and E and two 7-oxa-7-aza-analogues. <i>MedChemComm</i> , 2019, 10, 1205-1211.	3.5	0
24	Site-Specific Reversible Protein and Peptide Modification: Transglutaminase-Catalyzed Glutamine Conjugation and Bioorthogonal Light-Mediated Removal. <i>Bioconjugate Chemistry</i> , 2019, 30, 1617-1621.	1.8	11
25	A De Novo Asymmetric Synthesis of Phomopsolide E: A Practical Conversion from Phomopsolide D. <i>Heterocycles</i> , 2019, 99, 1217.	0.4	5
26	Stereochemical Structure Activity Relationship Studies (S-SAR) of Tetrahydrolipstatin. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 274-278.	1.3	20
27	The asymmetric syntheses of cryptocaryols A and B. <i>Chemical Communications</i> , 2018, 54, 3428-3435.	2.2	8
28	Characterization of Tetrahydrolipstatin and Stereoderivatives on the Inhibition of Essential <i>Mycobacterium tuberculosis</i> Lipid Esterases. <i>Biochemistry</i> , 2018, 57, 2383-2393.	1.2	25
29	Asymmetric synthesis of 7-aza-phomopsolide E and its C-4 epimer. <i>Tetrahedron</i> , 2018, 74, 7121-7126.	1.0	6
30	De novo asymmetric synthesis of (âˆ“) -nanaomycin A. <i>Tetrahedron</i> , 2018, 74, 4994-4999.	1.0	7
31	A Practical Synthesis of Glycinamide Ribonucleotide. <i>Heterocycles</i> , 2018, 97, 776.	0.4	1
32	Stereoselective Synthesis and Evaluation of C6 ³ -Substituted 5a-Carbasugar Analogues of SLO101 as Inhibitors of RSK1/2. <i>Organic Letters</i> , 2017, 19, 2410-2413.	2.4	26
33	Anti-tumorigenic effects of a novel digitoxin derivative on both estrogen receptor ⁺ positive and triple-negative breast cancer cells. <i>Tumor Biology</i> , 2017, 39, 101042831770533.	0.8	14
34	Nigericin decreases the viability of multidrug-resistant cancer cells and lung tumorspheres and potentiates the effects of cardiac glycosides. <i>Tumor Biology</i> , 2017, 39, 101042831769431.	0.8	28
35	Digitoxin and its synthetic analog MonoD have potent antiproliferative effects on lung cancer cells and potentiate the effects of hydroxyurea and paclitaxel. <i>Oncology Reports</i> , 2016, 35, 878-886.	1.2	15
36	Asymmetric Iterative Hydration of Polyene Strategy to Cryptocaryols A and B. <i>Synthesis</i> , 2016, 48, 1700-1710.	1.2	7

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37	Approach to the synthesis of the C11 and C14 portion of Leucascandrolide A. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1120-1125.	2.3	5
38	Development of a RSK Inhibitor as a Novel Therapy for Triple-Negative Breast Cancer. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 2598-2608.	1.9	52
39	<i>De Novo</i> Asymmetric Synthesis of Phoracantholide J. <i>Organic Letters</i> , 2016, 18, 4970-4973.	2.4	26
40	Autophagy-Induced Apoptosis in Lung Cancer Cells by a Novel Digitoxin Analog. <i>Journal of Cellular Physiology</i> , 2016, 231, 817-828.	2.0	26
41	<i>De Novo</i> Asymmetric Synthesis of a 6-O-Methyl-glycero- <i>l</i> -gluco-heptopyranose-Derived Thioglycoside for the Preparation of <i>Campylobacter jejuni</i> NCTC11168 Capsular Polysaccharide Fragments. <i>Journal of Organic Chemistry</i> , 2016, 81, 3058-3063.	1.7	9
42	De novo asymmetric synthesis and biological analysis of the daumone pheromones in <i>Caenorhabditis elegans</i> and in the soybean cyst nematode <i>Heterodera glycines</i> . <i>Tetrahedron</i> , 2016, 72, 2280-2286.	1.0	15
43	Flexible Acyclic Polyol-Chloride Anion Complexes and Their Characterization by Photoelectron Spectroscopy and Variable Temperature Binding Constant Determinations. <i>Journal of Physical Chemistry A</i> , 2016, 120, 1661-1668.	1.1	12
44	Abstract 15: Metabolomic profiling of cell death in human lung cancer cells by a novel digitoxin analog. , 2016, , .		1
45	The Asymmetric Synthesis of Tetrahydrolipstatin. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 994-1009.	1.3	17
46	Gold- and Silver-Catalyzed Glycosylation with Pyranone Glycosyl Donors: An Efficient and Diastereoselective Synthesis of \pm -Anomers. <i>Synlett</i> , 2015, 26, 1683-1686.	1.0	10
47	De Novo Asymmetric Synthesis of (+)-Monanchorin. <i>Organic Letters</i> , 2015, 17, 5280-5283.	2.4	16
48	Synthesis and Structure-Activity Relationship Study of 5a-Carbasugar Analogues of SL0101. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 95-99.	1.3	30
49	Silylated organometals: a family of recyclable homogeneous catalysts. <i>Green Chemistry</i> , 2015, 17, 1473-1478.	4.6	6
50	Abstract 3795: Cardiac glycoside digitoxin and its monosaccharide analogue MonoD inhibit NF κ B to induce apoptotic cell death in ER+ MCF7 and triple-negative MDAMB-468 breast cancer cells. , 2015, , .		0
51	Regioselective Bromination: An Approach to the D-Ring of the Gilvocarcins. <i>Heterocycles</i> , 2014, 88, 1275.	0.4	8
52	Monosaccharide digitoxin derivative sensitize human non-small cell lung cancer cells to anoikis through Mcl-1 proteasomal degradation. <i>Biochemical Pharmacology</i> , 2014, 88, 23-35.	2.0	40
53	Merremoside D: <i>De Novo</i> Synthesis of the Purported Structure, NMR Analysis, and Comparison of Spectral Data. <i>Organic Letters</i> , 2014, 16, 492-495.	2.4	38
54	De Novo Synthesis and Biological Evaluation of C6 ³ -Substituted C4 ³ -Amide Analogues of SL0101. <i>Organic Letters</i> , 2014, 16, 5996-5999.	2.4	20

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55	De novo asymmetric synthesis of the mezzettiaside family of natural products via the iterative use of a dual B-/Pd-catalyzed glycosylation. <i>Chemical Science</i> , 2014, 5, 2230-2234.	3.7	74
56	Structure activity relationship study of mezzettiasides natural products and their four new disaccharide analogues for anticancer/antibacterial activity. <i>MedChemComm</i> , 2014, 5, 1138-1142.	3.5	13
57	Polyfluoroalkylation of Carbonyl Compounds by Polyfluoroalkyl Anions Generated from Polyfluorocarboxamides. <i>Heterocycles</i> , 2014, 88, 1201.	0.4	3
58	Total Synthesis of Tetrahydrolipstatin and Stereoisomers via a Highly Regio- and Diastereoselective Carbonylation of Epoxyhomoallylic Alcohols. <i>Journal of the American Chemical Society</i> , 2014, 136, 10814-10820.	6.6	55
59	Cryptocaryol Structure-Activity Relationship Study of Cancer Cell Cytotoxicity and Ability to Stabilize PDCD4. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 522-526.	1.3	23
60	Digitoxin Analogues with Improved Anticytomegalovirus Activity. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 395-399.	1.3	40
61	Abstract 1331: MonoD, a novel analogue of digitoxin, induces superoxide mediated autophagic cell death in H460 lung cancer cells. , 2014, , .		0
62	Abstract 3205: Structural analysis of cardiac glycosides to determine the basis for tumoricidal activity. , 2014, , .		0
63	Hydrogen-Bond Networks: Strengths of Different Types of Hydrogen Bonds and An Alternative to the Low Barrier Hydrogen-Bond Proposal. <i>Journal of the American Chemical Society</i> , 2013, 135, 17919-17924.	6.6	46
64	De novo asymmetric synthesis of the pyranoses. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2013, 69, 55-123.	0.4	37
65	Improving the Affinity of SL0101 for RSK Using Structure-Based Design. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 175-179.	1.3	25
66	C3/C4 Stereochemical Effects of Digitoxigenin L/D Glycoside in Cancer Cytotoxicity. <i>ChemMedChem</i> , 2013, 8, 63-69.	1.6	27
67	De novo asymmetric synthesis of rhamno di- and tri-saccharides related to the anthrax tetrasaccharide. <i>Tetrahedron</i> , 2013, 69, 3432-3436.	1.0	13
68	Application of the Wharton Rearrangement for the de novo Synthesis of Pyranosides with <i>ido</i> , <i>manno</i> , and <i>colito</i> Stereochemistry. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3067-3075.	1.2	11
69	Cryptocaryols A and B: Total Syntheses, Stereochemical Revision, Structure Elucidation, and Structure-Activity Relationship. <i>Journal of the American Chemical Society</i> , 2013, 135, 9334-9337.	6.6	47
70	Convergent de novo synthesis of vineomycinone B2 methyl ester. <i>Chemical Communications</i> , 2013, 49, 6806.	2.2	24
71	A Novel Use of Gentamicin in the ROS-Mediated Sensitization of NCI-H460 Lung Cancer Cells to Various Anticancer Agents. <i>ACS Chemical Biology</i> , 2013, 8, 2771-2777.	1.6	17
72	Structure-Activity Relationship Study of the Cleistriosides and Cleistetrosides for Antibacterial/Anticancer Activity. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 1086-1090.	1.3	25

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73	Roles of the Synergistic Reductive <i>O</i> -Methyltransferase GilM and of <i>O</i> -Methyltransferase GilMT in the Gilvocarcin Biosynthetic Pathway. <i>Journal of the American Chemical Society</i> , 2012, 134, 12402-12405.	6.6	18
74	<i>De Novo</i> Asymmetric Synthesis of All- <i>d</i> -, All- <i>l</i> -, and <i>d</i> / <i>l</i> -Oligosaccharides Using Atom-less Protecting Groups. <i>Journal of the American Chemical Society</i> , 2012, 134, 11952-11955.	6.6	88
75	Biosynthesis and Total Synthesis Studies on the Jadomycin Family of Natural Products. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2095-2108.	1.2	35
76	Modulators of Na/K-ATPase: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2012, 22, 587-605.	2.4	49
77	Digitoxin and a synthetic monosaccharide analog inhibit cell viability in lung cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2012, 258, 51-60.	1.3	79
78	De novo synthesis of natural products via the asymmetric hydration of polyenes. <i>Chemical Communications</i> , 2011, 47, 8493.	2.2	33
79	Synthesis and Evaluation of the \pm - <i>d</i> -/ <i>l</i> -Rhamnosyl and Amicetosyl Digitoxigenin Oligomers as Antitumor Agents. <i>ACS Medicinal Chemistry Letters</i> , 2011, 2, 264-269.	1.3	62
80	<i>De Novo</i> Asymmetric Synthesis of Fridamycin E. <i>Organic Letters</i> , 2011, 13, 6592-6595.	2.4	29
81	Stereochemical Survey of Digitoxin Monosaccharides. <i>ACS Medicinal Chemistry Letters</i> , 2011, 2, 73-78.	1.3	67
82	De novo synthesis of deoxy sugar via a Wharton rearrangement. <i>Chemical Communications</i> , 2011, 47, 10251.	2.2	33
83	C5- ² -Alkyl Substitution Effects on Digitoxigenin \pm - <i>l</i> -Glycoside Cancer Cytotoxicity. <i>ACS Medicinal Chemistry Letters</i> , 2011, 2, 259-263.	1.3	58
84	Total Synthesis of Jadomycinâ€¦A and a Carbasugar Analogue of Jadomycinâ€¦B. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9492-9495.	7.2	62
85	Synthesis of SL0101 Carbasugar Analogues: Carbasugars via Pd-Catalyzed Cyclitolization and Post-Cyclitolization Transformations. <i>Organic Letters</i> , 2010, 12, 2986-2989.	2.4	44
86	Synthesis of Several Cleistrioside and Cleistetoside Natural Products via a Divergent <i>De Novo</i> Asymmetric Approach. <i>Organic Letters</i> , 2010, 12, 5466-5469.	2.4	42
87	A General Approach to Anionic Acid-Labile Surfactants with Tunable Properties. <i>Journal of Organic Chemistry</i> , 2010, 75, 6149-6153.	1.7	13
88	Total Synthesis of Fostriecin: Via a Regio- and Stereoselective Polyene Hydration, Oxidation, and Hydroboration Sequence. <i>Organic Letters</i> , 2010, 12, 3752-3755.	2.4	48
89	A <i>De Novo</i> Approach to the Synthesis of Glycosylated Methymycin Analogues with Structural and Stereochemical Diversity. <i>Organic Letters</i> , 2010, 12, 5150-5153.	2.4	36
90	A Direct Comparison of the Anticancer Activities of Digitoxin MeON-Neoglycosides and <i>O</i> -Glycosides. <i>ACS Medicinal Chemistry Letters</i> , 2010, 1, 326-330.	1.3	104

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91	De Novo Asymmetric Approach to the Disaccharide Portion of SCH-47554. <i>Heterocycles</i> , 2010, 82, 1577.	0.4	12
92	Structure Investigations of (ent)-Cladospolide D by De Novo Synthesis and Kinetic and Thermodynamic Isomerization. <i>Synthesis</i> , 2009, 2009, 2847-2854.	1.2	3
93	De novo asymmetric syntheses of (+)-goniothalamine, (+)-goniothalamine oxide, and 7,8-bis-epi-goniothalamine using asymmetric allylations. <i>Tetrahedron</i> , 2009, 65, 5051-5055.	1.0	35
94	De Novo Asymmetric Synthesis of an α -6-Deoxyaltropyranoside as Well as its 2-/3-Deoxy and 2,3-Dideoxy Congeners. <i>Journal of Organic Chemistry</i> , 2009, 74, 5961-5966.	1.7	53
95	De Novo Asymmetric Synthesis of Cladospolide B α : Structural Reassignment of Cladospolide D via the Synthesis of its Enantiomer. <i>Organic Letters</i> , 2009, 11, 1107-1110.	2.4	48
96	De Novo Asymmetric Approach to 8 α -epi-Swainsonine. <i>Heterocycles</i> , 2009, 79, 521.	0.4	19
97	De novo asymmetric syntheses of d-, l- and 8-epi-d-swainsonine. <i>Tetrahedron</i> , 2008, 64, 304-313.	1.0	46
98	Synthesis of Carbasugar-1-Phosphates via Pd-Catalyzed Cyclopropanol Ring Opening. <i>Organic Letters</i> , 2008, 10, 3381-3384.	2.4	48
99	Metabolite Induction of <i>Caenorhabditis elegans</i> Dauer Larvae Arises via Transport in the Pharynx. <i>ACS Chemical Biology</i> , 2008, 3, 294-304.	1.6	23
100	De Novo Synthesis in Carbohydrate Chemistry: From Furans to Monosaccharides and Oligosaccharides. <i>ACS Symposium Series</i> , 2008, , 3-28.	0.5	23
101	Formal Total Synthesis of RK-397 via an Asymmetric Hydration and Iterative Allylation Strategy. <i>Organic Letters</i> , 2008, 10, 3149-3152.	2.4	36
102	De Novo Asymmetric Synthesis of Anthrax Tetrasaccharide and Related Tetrasaccharide. <i>Journal of Organic Chemistry</i> , 2008, 73, 5211-5220.	1.7	74
103	De Novo Synthesis of the Trisaccharide Subunit of Landomycins A and E. <i>Organic Letters</i> , 2008, 10, 2283-2286.	2.4	82
104	De Novo Asymmetric Synthesis and Biological Evaluation of the Trisaccharide Portion of PI-080 and Vineomycin B2. <i>Organic Letters</i> , 2008, 10, 4529-4532.	2.4	41
105	De Novo Asymmetric Synthesis of 8 α -epi-Swainsonine. <i>Journal of Organic Chemistry</i> , 2008, 73, 1935-1940.	1.7	56
106	The De Novo Synthesis of Oligosaccharides: Application to the Medicinal Chemistry SAR-Study of Digitoxin. <i>Current Topics in Medicinal Chemistry</i> , 2008, 8, 114-125.	1.0	54
107	Synthesis of Cyclitols via Cyclopropanation/Palladium-Catalyzed Ring Opening. <i>Synthesis</i> , 2008, 2008, 3171-3179.	1.2	10
108	De Novo Asymmetric Approaches to 2-Amino-N-(benzyloxycarbonyl)-1-(2-furyl)ethanol and 2-Amino-N-(tert-butoxycarbonyl)-1-(2-furyl)ethanol. <i>Heterocycles</i> , 2008, 76, 1549.	0.4	11

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109	De Novo Formal Synthesis of (â€²)-Virginiamycin M2 via the Asymmetric Hydration of Dienoates. <i>Organic Letters</i> , 2007, 9, 3105-3108.	2.4	22
110	De Novo Approach to 2-Deoxy-Î²-glycosides:Â Asymmetric Syntheses of Digoxose and Digitoxin1. <i>Journal of Organic Chemistry</i> , 2007, 72, 2485-2493.	1.7	111
111	Synthesis of Aza-Analogues of the Glycosylated Tyrosine Portion of Mannopeptimycin-E. <i>Journal of Organic Chemistry</i> , 2007, 72, 4966-4969.	1.7	28
112	De Novo Asymmetric Synthesis of the Anthrax Tetrasaccharide by a Palladium-Catalyzed Glycosylation Reaction. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5206-5208.	7.2	107
113	De Novo Synthesis of 2-Substitutedsyn-1,3-Diols via an Iterative Asymmetric Hydration Strategy. <i>Journal of Organic Chemistry</i> , 2006, 71, 7741-7746.	1.7	30
114	De Novo Asymmetric Syntheses of SL0101 and Its Analogues via a Palladium-Catalyzed Glycosylation. <i>Organic Letters</i> , 2006, 8, 5149-5152.	2.4	59
115	De Novo Formal Synthesis of (â€²)-Apicularen A via an Iterative Asymmetric Hydration Sequence. <i>Organic Letters</i> , 2006, 8, 6087-6090.	2.4	57
116	De Novo Asymmetric Syntheses of Muricatacin and Its Analogues via Dihydroxylation of Dienoates. <i>Journal of Organic Chemistry</i> , 2006, 71, 6686-6689.	1.7	32
117	De Novo Asymmetric Synthesis of Homoadenosine via a Palladium-CatalyzedN-Glycosylation. <i>Organic Letters</i> , 2006, 8, 293-296.	2.4	47
118	De Novo Asymmetric Synthesis of d- andl-Swainsonine. <i>Organic Letters</i> , 2006, 8, 1609-1612.	2.4	96
119	De Novo Asymmetric Synthesis of Milbemycin Î²3 via an Iterative Asymmetric Hydration Approach. <i>Organic Letters</i> , 2006, 8, 3987-3990.	2.4	32
120	A Stereoselective Synthesis of Digitoxin and Digitoxigen Mono- and Bisdigitoxoside from Digitoxigenin via a Palladium-Catalyzed Glycosylation. <i>Organic Letters</i> , 2006, 8, 4339-4342.	2.4	100
121	Synthetic Studies toward Mannopeptimycin-E:â€‰ Synthesis of theO-Linked Tyrosine 1,4-Î±,Î±-manno,manno-Pyranosyl Pyranoside. <i>Organic Letters</i> , 2006, 8, 1605-1608.	2.4	44
122	A Stereoselective Synthesis of Digitoxin and Digitoxigen Mono- and Bisdigitoxoside from Digitoxigenin via a Palladium-Catalyzed Glycosylation. <i>Organic Letters</i> , 2006, 8, 5677-5677.	2.4	2
123	De novo asymmetric syntheses of C-4-substituted sugars via an iterative dihydroxylation strategy. <i>Carbohydrate Research</i> , 2006, 341, 1505-1521.	1.1	31
124	A De Novo Asymmetric Approach to Achiral Deoxy-Melodorinol Analogues. <i>Heterocycles</i> , 2006, 70, 223.	0.4	5
125	A Diastereoselective Silver(I) Promoted gem-Dibromocyclopropane Ring Opening Reaction via an Anchimeric Assisted Transannular Benzoate Migration. <i>Heterocycles</i> , 2006, 67, 721.	0.4	3
126	De novo synthesis of galacto-sugar Î²-lactones via a catalytic osmium/palladium/osmium reaction sequence. <i>Tetrahedron Letters</i> , 2005, 46, 3015-3019.	0.7	25

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127	De novo synthesis of a galacto-papulacandin moiety via an iterative dihydroxylation strategy. <i>Tetrahedron Letters</i> , 2005, 46, 4151-4155.	0.7	41
128	Remote steric effect on the regioselectivity of Sharpless asymmetric dihydroxylation. <i>Tetrahedron</i> , 2005, 61, 6337-6351.	1.0	41
129	Enzymatic incorporation of orthogonally reactive prenylazide groups into peptides using geranylazide diphosphate via protein farnesyltransferase: Implications for selective protein labeling. <i>Biopolymers</i> , 2005, 80, 164-171.	1.2	31
130	Achmatowicz Approach to 5,6-Dihydro-2H-pyran-2-one Containing Natural Products. <i>ChemInform</i> , 2005, 36, no.	0.1	0
131	Palladium-Catalyzed Glycosylation Reaction: De Novo Synthesis of Trehalose Analogues. <i>Journal of Carbohydrate Chemistry</i> , 2005, 24, 169-177.	0.4	52
132	De Novo Enantioselective Syntheses of Galacto-Sugars and Deoxy Sugars via the Iterative Dihydroxylation of Dienoate. <i>Organic Letters</i> , 2005, 7, 745-748.	2.4	75
133	Enantioselective Synthesis of 10-epi-Anamarine via an Iterative Dihydroxylation Sequence. <i>Organic Letters</i> , 2005, 7, 1069-1072.	2.4	41
134	De Novo Asymmetric Synthesis of Anamarine and Its Analogues. <i>Journal of Organic Chemistry</i> , 2005, 70, 9932-9939.	1.7	43
135	De Novo Asymmetric Syntheses of d- and l-Talose via an Iterative Dihydroxylation of Dienoates. <i>Journal of Organic Chemistry</i> , 2005, 70, 10576-10578.	1.7	29
136	De Novo Asymmetric Synthesis of Daumone via a Palladium-Catalyzed Glycosylation. <i>Organic Letters</i> , 2005, 7, 3921-3924.	2.4	72
137	Synthesis of 7-oxa-phomopsolide E and its C-4 epimer. <i>Tetrahedron Letters</i> , 2004, 45, 1005-1009.	0.7	78
138	An enantioselective synthesis of phomopsolide D. <i>Tetrahedron Letters</i> , 2004, 45, 6407-6411.	0.7	46
139	De Novo Synthesis of Oligosaccharides Using a Palladium-Catalyzed Glycosylation Reaction. <i>Journal of the American Chemical Society</i> , 2004, 126, 3428-3429.	6.6	180
140	Chapter 8 Achmatowicz approach to 5,6-dihydro-2H-pyran-2-one containing natural products. <i>Strategies and Tactics in Organic Synthesis</i> , 2004, 5, 221-253.	0.1	14
141	Facial Selectivity of the Sharpless Bromine Catalyzed Aziridination. <i>Heterocycles</i> , 2004, 62, 635.	0.4	4
142	A Palladium-Catalyzed Glycosylation Reaction: The de Novo Synthesis of Natural and Unnatural Glycosides. <i>Journal of the American Chemical Society</i> , 2003, 125, 12406-12407.	6.6	178
143	Enantioselective Syntheses of Cryptocarya Triacetate, Cryptocaryolone, and Cryptocaryolone Diacetate. <i>Organic Letters</i> , 2003, 5, 1959-1962.	2.4	63
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