Courtney C Aldrich

List of Publications by Year in Descending Order

132 papers	4,223 citations	39 h-index	58 g-index
280 ext. papers	4,926 ext. citations	7 avg, IF	5.72 L-index

#	Paper	IF	Citations
132	Synthesis and biological evaluation of orally active prodrugs and analogs of para-aminosalicylic acid (PAS).. *European Journal of Medicinal Chemistry*, **2022**, 232, 114201	6.8	1
131	Innovative Strategies for the Construction of Diverse 1SModified -Nucleoside Derivatives. *Journal of Organic Chemistry*, **2021**, 86, 16625-16640	4.2	1
130	Cardiac ryanodine receptor N-terminal region biosensors identify novel inhibitors via FRET-based high-throughput screening. *Journal of Biological Chemistry*, **2021**, 101412	5.4	1
129	PanD Structure-Function Analysis and Identification of a Potent Pyrazinoic Acid-Derived Enzyme Inhibitor. *ACS Chemical Biology*, **2021**, 16, 1030-1039	4.9	2
128	Reinvestigation of the structure-activity relationships of isoniazid. *Tuberculosis*, **2021**, 129, 102100	2.6	2
127	8-cyanobenzothiazinone analogs with potent antitubercular activity. *Medicinal Chemistry Research*, **2021**, 30, 1-10	2.2	3
126	Biosynthesis, Mechanism of Action, and Inhibition of the Enterotoxin Tilimycin Produced by the Opportunistic Pathogen. *ACS Infectious Diseases*, **2020**, 6, 1976-1997	5.5	6
125	Design, Synthesis, and Biophysical Evaluation of Mechanism-Based Probes for Condensation Domains of Nonribosomal Peptide Synthetases. *ACS Chemical Biology*, **2020**, 15, 1813-1819	4.9	3
124	Confronting Racism in Chemistry Journals. *ACS Applied Nano Materials*, **2020**, 3, 6131-6133	5.6	
123	Confronting Racism in Chemistry Journals. *ACS Applied Polymer Materials*, **2020**, 2, 2496-2498	4.3	
122	Development of small-molecule inhibitors of fatty acyl-AMP and fatty acyl-CoA ligases in Mycobacterium tuberculosis. *European Journal of Medicinal Chemistry*, **2020**, 201, 112408	6.8	7
121	Confronting Racism in Chemistry Journals. *Organometallics*, **2020**, 39, 2331-2333	3.8	
120	Psoralen Derivatives as Inhibitors of Proteasome. *Molecules*, **2020**, 25,	4.8	1
119	Design, synthesis and structure-activity relationships of novel 15-membered macrolides: Quinolone/quinoline-containing sidechains tethered to the C-6 position of azithromycin acylides. *European Journal of Medicinal Chemistry*, **2020**, 193, 112222	6.8	8
118	Update to Our Reader, Reviewer, and Author Communities4April 2020. *Energy & Fuels*, **2020**, 34, 5107-5108	4.1	
117	Update to Our Reader, Reviewer, and Author Communities4April 2020. *Organometallics*, **2020**, 39, 1665-1666	3.8	
116	The Biotin Biosynthetic Pathway in Mycobacterium tuberculosis is a Validated Target for the Development of Antibacterial Agents. *Current Medicinal Chemistry*, **2020**, 27, 4194-4232	4.3	3

115	Confronting Racism in Chemistry Journals. *Journal of Chemical Health and Safety*, **2020**, 27, 198-200	1.7	
114	1,3-Diphenyldisiloxane Enables Additive-Free Redox Recycling Reactions and Catalysis with Triphenylphosphine. *Synthesis*, **2020**, 52, 3583-3594	2.9	0
113	Development of an imidazole salt catalytic system for the preparation of bis(indolyl)methanes and bis(naphthyl)methane. *PLoS ONE*, **2019**, 14, e0216008	3.7	6
112	Mechanism of a Standalone Lactone Synthetase: New Continuous Assay for a Widespread ANL Superfamily Enzyme. *ChemBioChem*, **2019**, 20, 1701-1711	3.8	5
111	Spirocyclic and Bicyclic 8-Nitrobenzothiazinones for Tuberculosis with Improved Physicochemical and Pharmacokinetic Properties. *ACS Medicinal Chemistry Letters*, **2019**, 10, 348-351	4.3	19
110	Macozinone: revised synthesis and crystal structure of a promising new drug for treating drug-sensitive and drug-resistant tuberculosis. *Acta Crystallographica Section C, Structural Chemistry*, **2019**, 75, 1031-1035	0.8	9
109	Noncompetitive inhibitors of TNFR1 probe conformational activation states. *Science Signaling*, **2019**, 12,	8.8	25
108	A Cinchona Alkaloid Antibiotic That Appears To Target ATP Synthase in Streptococcus pneumoniae. *Journal of Medicinal Chemistry*, **2019**, 62, 2305-2332	8.3	10
107	Investigation of (S)-(-)-Acidomycin: A Selective Antimycobacterial Natural Product That Inhibits Biotin Synthase. *ACS Infectious Diseases*, **2019**, 5, 598-617	5.5	12
106	In This Issue, Volume 9, Issue 3. *ACS Medicinal Chemistry Letters*, **2018**, 9, 159-160	4.3	78
105	Targeting protein biotinylation enhances tuberculosis chemotherapy. *Science Translational Medicine*, **2018**, 10,	17.5	17
104	Special Issue on Drug Discovery for Global Health. *ACS Infectious Diseases*, **2018**, 4, 429-430	5.5	
103	Avoiding Antibiotic Inactivation in Mycobacterium tuberculosis by Rv3406 through Strategic Nucleoside Modification. *ACS Infectious Diseases*, **2018**, 4, 1102-1113	5.5	12
102	Structural and functional delineation of aerobactin biosynthesis in hypervirulent. *Journal of Biological Chemistry*, **2018**, 293, 7841-7852	5.4	22
101	PKS-NRPS Enzymology and Structural Biology: Considerations in Protein Production. *Methods in Enzymology*, **2018**, 604, 45-88	1.7	10
100	Conformationally Constrained Cinnolinone Nucleoside Analogues as Siderophore Biosynthesis Inhibitors for Tuberculosis. *ACS Medicinal Chemistry Letters*, **2018**, 9, 386-391	4.3	17
99	Mutual potentiation drives synergy between trimethoprim and sulfamethoxazole. *Nature Communications*, **2018**, 9, 1003	17.4	39
98	Scalable Synthesis of Hydrido-Disiloxanes from Silanes: A One-Pot Preparation of 1,3-Diphenyldisiloxane from Phenylsilane. *Synthesis*, **2018**, 50, 278-281	2.9	8

97	Trapping interactions between catalytic domains and carrier proteins of modular biosynthetic enzymes with chemical probes. *Natural Product Reports*, **2018**, 35, 1156-1184	15.1	25
96	Whole-Cell Screen of Fragment Library Identifies Gut Microbiota Metabolite Indole Propionic Acid as Antitubercular. *Antimicrobial Agents and Chemotherapy*, **2018**, 62,	5.9	36
95	Structural Basis of Polyketide Synthase O-Methylation. *ACS Chemical Biology*, **2018**, 13, 3221-3228	4.9	5
94	Methionine Antagonizes -Aminosalicylic Acid Activity via Affecting Folate Precursor Biosynthesis in. *Frontiers in Cellular and Infection Microbiology*, **2018**, 8, 399	5.9	7
93	Synthesis of Transition-State Inhibitors of Chorismate Utilizing Enzymes from Bromobenzene cis-1,2-Dihydrodiol. *Journal of Organic Chemistry*, **2017**, 82, 3432-3440	4.2	7
92	Rational Optimization of Mechanism-Based Inhibitors through Determination of the Microscopic Rate Constants of Inactivation. *Journal of the American Chemical Society*, **2017**, 139, 7132-7135	16.4	5
91	Structure-Based Optimization of Pyridoxal 5SPhosphate-Dependent Transaminase Enzyme (BioA) Inhibitors that Target Biotin Biosynthesis in Mycobacterium tuberculosis. *Journal of Medicinal Chemistry*, **2017**, 60, 5507-5520	8.3	19
90	Chemoselective Reduction of Phosphine Oxides by 1,3-Diphenyl-Disiloxane. *Chemistry - A European Journal*, **2017**, 23, 14434-14438	4.8	20
89	Synthesis and Analysis of Bacterial Folate Metabolism Intermediates and Antifolates. *Organic Letters*, **2017**, 19, 5220-5223	6.2	13
88	Anchimerically Activated ProTides as Inhibitors of Cap-Dependent Translation and Inducers of Chemosensitization in Mantle Cell Lymphoma. *Journal of Medicinal Chemistry*, **2017**, 60, 8131-8144	8.3	16
87	Synthesis of a 3-Amino-2,3-dihydropyrid-4-one and Related Heterocyclic Analogues as Mechanism-Based Inhibitors of BioA, a Pyridoxal Phosphate-Dependent Enzyme. *Journal of Organic Chemistry*, **2017**, 82, 7806-7819	4.2	9
86	Vinylogous Dehydration by a Polyketide Dehydratase Domain in Curacin Biosynthesis. *Journal of the American Chemical Society*, **2016**, 138, 16024-16036	16.4	29
85	Structures of two distinct conformations of holo-non-ribosomal peptide synthetases. *Nature*, **2016**, 529, 235-8	50.4	155
84	Synthesis and pharmacological evaluation of nucleoside prodrugs designed to target siderophore biosynthesis in Mycobacterium tuberculosis. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 1314-21	3.4	15
83	Measurement of Nonribosomal Peptide Synthetase Adenylation Domain Activity Using a Continuous Hydroxylamine Release Assay. *Methods in Molecular Biology*, **2016**, 1401, 53-61	1.4	11
82	Structure of the Essential FadD32 Enzyme: A Promising Drug Target for Treating Tuberculosis. *ACS Infectious Diseases*, **2016**, 2, 579-591	5.5	20
81	Targeting intracellular p-aminobenzoic acid production potentiates the anti-tubercular action of antifolates. *Scientific Reports*, **2016**, 6, 38083	4.9	17
80	Discovery of Mycobacterium tuberculosis InhA Inhibitors by Binding Sites Comparison and Ligands Prediction. *Journal of Medicinal Chemistry*, **2016**, 59, 11069-11078	8.3	21

79	2-Aryl-8-aza-3-deazaadenosine analogues of 5SO-[N-(salicyl)sulfamoyl]adenosine: Nucleoside antibiotics that block siderophore biosynthesis in Mycobacterium tuberculosis. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 3133-43	3.4	13
78	Structures of a Nonribosomal Peptide Synthetase Module Bound to MbtH-like Proteins Support a Highly Dynamic Domain Architecture. *Journal of Biological Chemistry*, **2016**, 291, 22559-22571	5.4	65
77	Domain Organization and Active Site Architecture of a Polyketide Synthase C-methyltransferase. *ACS Chemical Biology*, **2016**, 11, 3319-3327	4.9	30
76	Fragment-based exploration of binding site flexibility in Mycobacterium tuberculosis BioA. *Journal of Medicinal Chemistry*, **2015**, 58, 5208-17	8.3	23
75	Functional Characterization of a Dehydratase Domain from the Pikromycin Polyketide Synthase. *Journal of the American Chemical Society*, **2015**, 137, 7003-6	16.4	23
74	Synthesis and Pharmacokinetic Evaluation of Siderophore Biosynthesis Inhibitors for Mycobacterium tuberculosis. *Journal of Medicinal Chemistry*, **2015**, 58, 5459-75	8.3	39
73	Investigation and conformational analysis of fluorinated nucleoside antibiotics targeting siderophore biosynthesis. *Journal of Organic Chemistry*, **2015**, 80, 4835-50	4.2	23
72	Targeting Mycobacterium tuberculosis Biotin Protein Ligase (MtBPL) with Nucleoside-Based Bisubstrate Adenylation Inhibitors. *Journal of Medicinal Chemistry*, **2015**, 58, 7349-7369	8.3	32
71	Going Viral. *ACS Infectious Diseases*, **2015**, 1, 399	5.5	14
70	Mitsunobu Reactions Catalytic in Phosphine and a Fully Catalytic System. *Angewandte Chemie*, **2015**, 127, 13233-13236	3.6	19
69	Mitsunobu Reactions Catalytic in Phosphine and a Fully Catalytic System. *Angewandte Chemie - International Edition*, **2015**, 54, 13041-4	16.4	89
68	Stereocontrolled Synthesis of a Potential Transition-State Inhibitor of the Salicylate Synthase MbtI from Mycobacterium tuberculosis. *Journal of Organic Chemistry*, **2015**, 80, 6545-52	4.2	13
67	Human Urinary Composition Controls Antibacterial Activity of Siderocalin. *Journal of Biological Chemistry*, **2015**, 290, 15949-60	5.4	30
66	Unsaturated Lipid Assimilation by Mycobacteria Requires Auxiliary cis-trans Enoyl CoA Isomerase. *Chemistry and Biology*, **2015**, 22, 1577-87		20
65	Polyketide Quinones Are Alternate Intermediate Electron Carriers during Mycobacterial Respiration in Oxygen-Deficient Niches. *Molecular Cell*, **2015**, 60, 637-50	17.6	35
64	Tylosin polyketide synthase module 3: stereospecificity, stereoselectivity and steady-state kinetic analysis of processing domains diffusible, synthetic substrates. *Chemical Science*, **2015**, 6, 5027-5033	9.4	13
63	Introductory Editorial for ACS Infectious Diseases. *ACS Infectious Diseases*, **2015**, 1, 1-2	5.5	2
62	Target-based identification of whole-cell active inhibitors of biotin biosynthesis in Mycobacterium tuberculosis. *Chemistry and Biology*, **2015**, 22, 76-86		37

61	Mycobacterium tuberculosis IMPDH in Complexes with Substrates, Products and Antitubercular Compounds. *PLoS ONE*, **2015**, 10, e0138976	3.7	27
60	Structure-activity relationship analysis of imidazoquinolines with Toll-like receptors 7 and 8 selectivity and enhanced cytokine induction. *Journal of Medicinal Chemistry*, **2014**, 57, 339-47	8.3	44
59	Reaction intermediate analogues as bisubstrate inhibitors of pantothenate synthetase. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 1726-35	3.4	17
58	Polyketide intermediate mimics as probes for revealing cryptic stereochemistry of ketoreductase domains. *ACS Chemical Biology*, **2014**, 9, 2914-22	4.9	12
57	Inhibition of Mycobacterium tuberculosis transaminase BioA by aryl hydrazines and hydrazides. *ChemBioChem*, **2014**, 15, 575-86	3.8	36
56	Synthesis of chromone, quinolone, and benzoxazinone sulfonamide nucleosides as conformationally constrained inhibitors of adenylating enzymes required for siderophore biosynthesis. *Journal of Organic Chemistry*, **2013**, 78, 7470-81	4.2	40
55	Characterization of AusA: a dimodular nonribosomal peptide synthetase responsible for the production of aureusimine pyrazinones. *Biochemistry*, **2013**, 52, 926-37	3.2	31
54	A genetic strategy to identify targets for the development of drugs that prevent bacterial persistence. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 19095-100	11.5	119
53	Bisubstrate Inhibitors of Biotin Protein Ligase in Resistant to Cyclonucleoside Formation. *ACS Medicinal Chemistry Letters*, **2013**, 4,	4.3	27
52	Structure-activity relationships of 2-aminothiazoles effective against Mycobacterium tuberculosis. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 6385-97	3.4	50
51	Synthesis, pH-dependent, and plasma stability of meropenem prodrugs for potential use against drug-resistant tuberculosis. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 5605-17	3.4	19
50	Engineering the substrate specificity of the DhbE adenylation domain by yeast cell surface display. *Chemistry and Biology*, **2013**, 20, 92-101		61
49	Non-nucleoside inhibitors of BasE, an adenylating enzyme in the siderophore biosynthetic pathway of the opportunistic pathogen Acinetobacter baumannii. *Journal of Medicinal Chemistry*, **2013**, 56, 2385-405	8.3	41
48	Design and synthesis of potential mechanism-based inhibitors of the aminotransferase BioA involved in biotin biosynthesis. *Journal of Organic Chemistry*, **2012**, 77, 6051-8	4.2	10
47	Structure of PA1221, a nonribosomal peptide synthetase containing adenylation and peptidyl carrier protein domains. *Biochemistry*, **2012**, 51, 3252-63	3.2	101
46	Development of a selective activity-based probe for adenylating enzymes: profiling MbtA Involved in siderophore biosynthesis from Mycobacterium tuberculosis. *ACS Chemical Biology*, **2012**, 7, 1653-8	4.9	40
45	Total synthesis and biological evaluation of transvalencin Z. *Journal of Natural Products*, **2012**, 75, 1037-43	4.9	9
44	Discovery of Imidazoquinolines with Toll-Like Receptor 7/8 Independent Cytokine Induction. *ACS Medicinal Chemistry Letters*, **2012**, 3, 501-504	4.3	28

43	Pyrazinamide: a frontline drug used for tuberculosis. Molecular mechanism of action resolved after 50 years?. *ChemMedChem*, **2012**, 7, 558-60	3.7	11
42	Structural and functional investigation of the intermolecular interaction between NRPS adenylation and carrier protein domains. *Chemistry and Biology*, **2012**, 19, 188-98		107
41	Antimetabolite poisoning of cofactor biosynthesis. *Chemistry and Biology*, **2012**, 19, 543-4		2
40	Adenylating enzymes in Mycobacterium tuberculosis as drug targets. *Current Topics in Medicinal Chemistry*, **2012**, 12, 766-96	3	45
39	Bisubstrate adenylation inhibitors of biotin protein ligase from Mycobacterium tuberculosis. *Chemistry and Biology*, **2011**, 18, 1432-41		64
38	A high-throughput screening fluorescence polarization assay for fatty acid adenylating enzymes in Mycobacterium tuberculosis. *Analytical Biochemistry*, **2011**, 417, 264-73	3.1	10
37	Mechanism-based inactivation by aromatization of the transaminase BioA involved in biotin biosynthesis in Mycobaterium tuberculosis. *Journal of the American Chemical Society*, **2011**, 133, 18194-201	16.4	30
36	A continuous fluorescence displacement assay for BioA: an enzyme involved in biotin biosynthesis. *Analytical Biochemistry*, **2011**, 416, 27-38	3.1	17
35	Evaluating the sensitivity of Mycobacterium tuberculosis to biotin deprivation using regulated gene expression. *PLoS Pathogens*, **2011**, 7, e1002264	7.6	105
34	Efficient Pd-catalyzed coupling of tautomerizable heterocycles with terminal alkynes via C-OH bond activation using PyBrOP. *Organic Letters*, **2010**, 12, 2286-9	6.2	44
33	Triazole-linked inhibitors of inosine monophosphate dehydrogenase from human and Mycobacterium tuberculosis. *Journal of Medicinal Chemistry*, **2010**, 53, 4768-78	8.3	50
32	Kinetic and inhibition studies of dihydroxybenzoate-AMP ligase from Escherichia coli. *Biochemistry*, **2010**, 49, 3648-57	3.2	29
31	Biochemical and structural characterization of bisubstrate inhibitors of BasE, the self-standing nonribosomal peptide synthetase adenylate-forming enzyme of acinetobactin synthesis. *Biochemistry*, **2010**, 49, 9292-305	3.2	47
30	Copper(II)-Catalyzed Conversion of Aryl/Heteroaryl Boronic Acids, Boronates, and Trifluoroborates into the Corresponding Azides: Substrate Scope and Limitations. *Synthesis*, **2010**, 2010, 1441-1448	2.9	29
29	Inhibitors of the salicylate synthase (MbtI) from Mycobacterium tuberculosis discovered by high-throughput screening. *ChemMedChem*, **2010**, 5, 2079-87	3.7	34
28	Development of a high-throughput fluorescence polarization assay for the discovery of phosphopantetheinyl transferase inhibitors. *Analytical Biochemistry*, **2010**, 403, 13-9	3.1	25
27	A continuous kinetic assay for adenylation enzyme activity and inhibition. *Analytical Biochemistry*, **2010**, 404, 56-63	3.1	55
26	Assigning enzyme function from the metabolic milieu. *Chemistry and Biology*, **2010**, 17, 313-4		2

25	The global virulence regulators VsrAD and PhcA control secondary metabolism in the plant pathogen Ralstonia solanacearum. *ChemBioChem*, **2009**, 10, 2730-2	3.8	35
24	Selective inhibition of nicotinamide adenine dinucleotide kinases by dinucleoside disulfide mimics of nicotinamide adenine dinucleotide analogues. *Bioorganic and Medicinal Chemistry*, **2009**, 17, 5656-64	3.4	15
23	Structure and cytotoxicity of arnamial and related fungal sesquiterpene aryl esters. *Journal of Natural Products*, **2009**, 72, 1888-91	4.9	39
22	Inhibition of siderophore biosynthesis by 2-triazole substituted analogues of 5SO-[N-(salicyl)sulfamoyl]adenosine: antibacterial nucleosides effective against Mycobacterium tuberculosis. *Journal of Medicinal Chemistry*, **2008**, 51, 7495-507	8.3	78
21	Aryl acid adenylating enzymes involved in siderophore biosynthesis: fluorescence polarization assay, ligand specificity, and discovery of non-nucleoside inhibitors via high-throughput screening. *Biochemistry*, **2008**, 47, 11735-49	3.2	37
20	Quantitative three dimensional structure linear interaction energy model of 5SO-[N-(salicyl)sulfamoyl]adenosine and the aryl acid adenylating enzyme MbtA. *Journal of Medicinal Chemistry*, **2008**, 51, 7154-60	8.3	17
19	Inhibition of siderophore biosynthesis in Mycobacterium tuberculosis with nucleoside bisubstrate analogues: structure-activity relationships of the nucleobase domain of 5SO-[N-(salicyl)sulfamoyl]adenosine. *Journal of Medicinal Chemistry*, **2008**, 51, 5349-70	8.3	105
18	Synthesis of deuterium-labelled 5SO-[N-(Salicyl)sulfamoyl]adenosine (Sal-AMS-d(4)) as an internal standard for quantitation of Sal-AMS. *Journal of Labelled Compounds and Radiopharmaceuticals*, **2008**, 51, 118-122	1.9	5
17	Biosynthetic analysis of the petrobactin siderophore pathway from Bacillus anthracis. *Journal of Bacteriology*, **2007**, 189, 1698-710	3.5	102
16	5SO-[(N-acyl)sulfamoyl]adenosines as antitubercular agents that inhibit MbtA: an adenylation enzyme required for siderophore biosynthesis of the mycobactins. *Journal of Medicinal Chemistry*, **2007**, 50, 6080-94	8.3	78
15	A mechanism-based aryl carrier protein/thiolation domain affinity probe. *Journal of the American Chemical Society*, **2007**, 129, 6350-1	16.4	66
14	Design, synthesis, and biological evaluation of beta-ketosulfonamide adenylation inhibitors as potential antitubercular agents. *Organic Letters*, **2006**, 8, 4707-10	6.2	57
13	Rationally designed nucleoside antibiotics that inhibit siderophore biosynthesis of Mycobacterium tuberculosis. *Journal of Medicinal Chemistry*, **2006**, 49, 31-4	8.3	195
12	Antitubercular nucleosides that inhibit siderophore biosynthesis: SAR of the glycosyl domain. *Journal of Medicinal Chemistry*, **2006**, 49, 7623-35	8.3	65
11	Biochemical investigation of pikromycin biosynthesis employing native penta- and hexaketide chain elongation intermediates. *Journal of the American Chemical Society*, **2005**, 127, 8441-52	16.4	42
10	Chemoenzymatic synthesis of the polyketide macrolactone 10-deoxymethynolide. *Journal of the American Chemical Society*, **2005**, 127, 8910-1	16.4	54
9	Formal total synthesis of the polyketide macrolactone narbonolide. *Journal of Organic Chemistry*, **2005**, 70, 7267-72	4.2	13
8	Molecular analysis of the rebeccamycin L-amino acid oxidase from Lechevalieria aerocolonigenes ATCC 39243. *Journal of Bacteriology*, **2005**, 187, 2084-92	3.5	84

7	Synthesis of GTP-derived Ras ligands. *ChemBioChem*, **2004**, 5, 1448-53	3.8	6
6	Iterative chain elongation by a pikromycin monomodular polyketide synthase. *Journal of the American Chemical Society*, **2003**, 125, 4682-3	16.4	41
5	Substrate recognition and channeling of monomodules from the pikromycin polyketide synthase. *Journal of the American Chemical Society*, **2003**, 125, 12551-7	16.4	28
4	Total synthesis of the calphostins: application of fischer carbene complexes and thermodynamic control of atropisomers. *Journal of Organic Chemistry*, **2001**, 66, 1297-309	4.2	47
3	Carbene Complexes in the Synthesis of Complex Natural Products: Total Synthesis of the Calphostins. *Journal of the American Chemical Society*, **2000**, 122, 3224-3225	16.4	43
2	Acylamino Chromium Carbene Complexes: Direct Carbonyl Insertion, Formation of M□chnones, and Trapping with Dipolarophiles. *Journal of the American Chemical Society*, **2000**, 122, 7398-7399	16.4	45
1	Antitubercular Agents1-110		