Courtney C Aldrich

List of Publications by Year
in descending order

274 papers	5,335 citations	71102 41 h-index	114465 63 g-index
280 all docs	280 docs citations	280 times ranked	5918 citing authors

#	Article	IF	Citations
1	Rationally Designed Nucleoside Antibiotics That Inhibit Siderophore Biosynthesis ofMycobacteriumtuberculosis. Journal of Medicinal Chemistry, 2006, 49, 31-34.	6.4	214
2	Structures of two distinct conformations of holo-non-ribosomal peptide synthetases. Nature, 2016, 529, 235-238.	27.8	210
3	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, 19095-19100.	7.1	167
4	Biosynthetic Analysis of the Petrobactin Siderophore Pathway from Bacillusanthracis. Journal of Bacteriology, 2007, 189, 1698-1710.	2.2	133
5	Structural and Functional Investigation of the Intermolecular Interaction between NRPS Adenylation and Carrier Protein Domains. Chemistry and Biology, 2012, 19, 188-198.	6.0	130
6	Evaluating the Sensitivity of Mycobacterium tuberculosis to Biotin Deprivation Using Regulated Gene Expression. PLoS Pathogens, 2011, 7, e1002264.	4.7	127
7	Structure of PA1221, a Nonribosomal Peptide Synthetase Containing Adenylation and Peptidyl Carrier Protein Domains. Biochemistry, 2012, 51, 3252-3263.	2.5	121
8	Inhibition of Siderophore Biosynthesis in <i>Mycobacterium tuberculosis</i> with Nucleoside Bisubstrate Analogues: Structureâˆ'Activity Relationships of the Nucleobase Domain of 5â€²-<i>O</i>-[<i>N</i>-(Salicyl)sulfamoyl]adenosine. Journal of Medicinal Chemistry, 2008, 51, 5349-5370.	6.4	118
9	The Ecstasy and Agony of Assay Interference Compounds. Journal of Medicinal Chemistry, 2017, 60, 2165-2168.	6.4	113
10	Mitsunobu Reactions Catalytic in Phosphine and a Fully Catalytic System. Angewandte Chemie - International Edition, 2015, 54, 13041-13044.	13.8	107
11	Molecular Analysis of the Rebeccamycin l -Amino Acid Oxidase from Lechevalieria aerocolonigenes ATCC 39243. Journal of Bacteriology, 2005, 187, 2084-2092.	2.2	98
12	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.	3.4	97
13	A continuous kinetic assay for adenylation enzyme activity and inhibition. Analytical Biochemistry, 2010, 404, 56-63.	2.4	90
14	5â€˜-<i>O</i>-[(<i>N</i>-Acyl)sulfamoyl]adenosines as Antitubercular Agents that Inhibit MbtA:â€‰ An Adenylation Enzyme Required for Siderophore Biosynthesis of the Mycobactins. Journal of Medicinal Chemistry, 2007, 50, 6080-6094.	6.4	85
15	Inhibition of Siderophore Biosynthesis by 2-Triazole Substituted Analogues of 5â€²-<i>O</i>-[<i>N</i>-(Salicyl)sulfamoyl]adenosine: Antibacterial Nucleosides Effective against <i>Mycobacterium tuberculosis</i>. Journal of Medicinal Chemistry, 2008, 51, 7495-7507.	6.4	83
16	Bisubstrate Adenylation Inhibitors of Biotin Protein Ligase from Mycobacterium tuberculosis. Chemistry and Biology, 2011, 18, 1432-1441.	6.0	83
17	A Mechanism-Based Aryl Carrier Protein/Thiolation Domain Affinity Probe. Journal of the American Chemical Society, 2007, 129, 6350-6351.	13.7	80
18	Engineering the Substrate Specificity of the DhbE Adenylation Domain by Yeast Cell Surface Display. Chemistry and Biology, 2013, 20, 92-101.	6.0	80

#	ARTICLE	IF	CITATIONS
19	Antitubercular Nucleosides That Inhibit Siderophore Biosynthesis:Â SAR of the Glycosyl Domain. Journal of Medicinal Chemistry, 2006, 49, 7623-7635.	6.4	78
20	The Ecstasy and Agony of Assay Interference Compounds. ACS Central Science, 2017, 3, 143-147.	11.3	78
21	Mutual potentiation drives synergy between trimethoprim and sulfamethoxazole. Nature Communications, 2018, 9, 1003.	12.8	75
22	Structureâ€"activity relationships of 2-aminothiazoles effective against Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry, 2013, 21, 6385-6397.	3.0	66
23	Design, Synthesis, and Biological Evaluation of Î²-Ketosulfonamide Adenylation Inhibitors as Potential Antitubercular Agents. Organic Letters, 2006, 8, 4707-4710.	4.6	65
24	Triazole-Linked Inhibitors of Inosine Monophosphate Dehydrogenase from Human and <i>Mycobacterium tuberculosis</i>. Journal of Medicinal Chemistry, 2010, 53, 4768-4778.	6.4	65
25	Adenylating Enzymes in Mycobacterium tuberculosis as Drug Targets. Current Topics in Medicinal Chemistry, 2012, 12, 766-796.	2.1	62
26	Chemoenzymatic Synthesis of the Polyketide Macrolactone 10-Deoxymethynolide. Journal of the American Chemical Society, 2005, 127, 8910-8911.	13.7	55
27	Development of a Selective Activity-Based Probe for Adenylating Enzymes: Profiling MbtA Involved in Siderophore Biosynthesis from <i>Mycobacterium tuberculosis</i>. ACS Chemical Biology, 2012, 7, 1653-1658.	3.4	54
28	Total Synthesis of the Calphostins:Â Application of Fischer Carbene Complexes and Thermodynamic Control of Atropisomers. Journal of Organic Chemistry, 2001, 66, 1297-1309.	3.2	53
29	Polyketide Quinones Are Alternate Intermediate Electron Carriers during Mycobacterial Respiration in Oxygen-Deficient Niches. Molecular Cell, 2015, 60, 637-650.	9.7	53
30	Biochemical and Structural Characterization of Bisubstrate Inhibitors of BasE, the Self-Standing Nonribosomal Peptide Synthetase Adenylate-Forming Enzyme of Acinetobactin Synthesis,. Biochemistry, 2010, 49, 9292-9305.	2.5	52
31	Carbene Complexes in the Synthesis of Complex Natural Products:Â Total Synthesis of the Calphostins. Journal of the American Chemical Society, 2000, 122, 3224-3225.	13.7	51
32	Acylamino Chromium Carbene Complexes:Â Direct Carbonyl Insertion, Formation of MÃ¼nchnones, and Trapping with Dipolarophiles. Journal of the American Chemical Society, 2000, 122, 7398-7399.	13.7	51
33	Efficient Pd-Catalyzed Coupling of Tautomerizable Heterocycles with Terminal Alkynes via Câ^'OH Bond Activation Using PyBrOP. Organic Letters, 2010, 12, 2286-2289.	4.6	49
34	Structureâ€"Activity Relationship Analysis of Imidazoquinolines with Toll-like Receptors 7 and 8 Selectivity and Enhanced Cytokine Induction. Journal of Medicinal Chemistry, 2014, 57, 339-347.	6.4	49
35	Whole-Cell Screen of Fragment Library Identifies Gut Microbiota Metabolite Indole Propionic Acid as Antitubercular. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	49
36	Non-Nucleoside Inhibitors of BasE, an Adenylating Enzyme in the Siderophore Biosynthetic Pathway of the Opportunistic Pathogen <i>Acinetobacter baumannii</i>. Journal of Medicinal Chemistry, 2013, 56, 2385-2405.	6.4	48

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37	Biochemical Investigation of Pikromycin Biosynthesis Employing Native Penta- and Hexaketide Chain Elongation Intermediates. Journal of the American Chemical Society, 2005, 127, 8441-8452.	13.7	47
38	Synthesis and Pharmacokinetic Evaluation of Siderophore Biosynthesis Inhibitors for <i>Mycobacterium tuberculosis</i>. Journal of Medicinal Chemistry, 2015, 58, 5459-5475.	6.4	46
39	Structure and Cytotoxicity of Arnamial and Related Fungal Sesquiterpene Aryl Esters. Journal of Natural Products, 2009, 72, 1888-1891.	3.0	45
40	Human Urinary Composition Controls Antibacterial Activity of Siderocalin*. Journal of Biological Chemistry, 2015, 290, 15949-15960.	3.4	45
41	Characterization of AusA: A Dimodular Nonribosomal Peptide Synthetase Responsible for the Production of Aureusimine Pyrazinones. Biochemistry, 2013, 52, 926-937.	2.5	44
42	Inhibition of <i>Mycobacterium tuberculosis</i> Transaminase BioA by Aryl Hydrazines and Hydrazides. ChemBioChem, 2014, 15, 575-586.	2.6	44
43	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, 11735-11749.	2.5	43
44	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, 7470-7481.	3.2	43
45	Trapping interactions between catalytic domains and carrier proteins of modular biosynthetic enzymes with chemical probes. Natural Product Reports, 2018, 35, 1156-1184.	10.3	43
46	Iterative Chain Elongation by a Pikromycin Monomodular Polyketide Synthase. Journal of the American Chemical Society, 2003, 125, 4682-4683.	13.7	42
47	Target-Based Identification of Whole-Cell Active Inhibitors of Biotin Biosynthesis in Mycobacterium tuberculosis. Chemistry and Biology, 2015, 22, 76-86.	6.0	42
48	Inhibitors of the Salicylate Synthase (MbtI) from <i>Mycobacterium tuberculosis</i> Discovered by Highâ€Throughput Screening. ChemMedChem, 2010, 5, 2079-2087.	3.2	41
49	Domain Organization and Active Site Architecture of a Polyketide Synthase <i>C</i>-methyltransferase. ACS Chemical Biology, 2016, 11, 3319-3327.	3.4	41
50	Noncompetitive inhibitors of TNFR1 probe conformational activation states. Science Signaling, 2019, 12, .	3.6	40
51	Targeting <i>Mycobacterium tuberculosis</i> Biotin Protein Ligase (MtBPL) with Nucleoside-Based Bisubstrate Adenylation Inhibitors. Journal of Medicinal Chemistry, 2015, 58, 7349-7369.	6.4	39
52	The Global Virulence Regulators VsrAD and PhcA Control Secondary Metabolism in the Plant Pathogen <i>Ralstonia solanacearum</i>. ChemBioChem, 2009, 10, 2730-2732.	2.6	38
53	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.	2.3	37
54	Structure of the Essential <i>Mtb</i> FadD32 Enzyme: A Promising Drug Target for Treating Tuberculosis. ACS Infectious Diseases, 2016, 2, 579-591.	3.8	37

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55	Vinylogous Dehydration by a Polyketide Dehydratase Domain in Curacin Biosynthesis. Journal of the American Chemical Society, 2016, 138, 16024-16036.	13.7	36
56	Bisubstrate Inhibitors of Biotin Protein Ligase in <i>Mycobacterium tuberculosis</i> Resistant to Cyclonucleoside Formation. ACS Medicinal Chemistry Letters, 2013, 4, 1213-1217.	2.8	35
57	The Ecstasy and Agony of Assay Interference Compounds. ACS Medicinal Chemistry Letters, 2017, 8, 379-382.	2.8	35
58	Mycobacterium tuberculosis IMPDH in Complexes with Substrates, Products and Antitubercular Compounds. PLoS ONE, 2015, 10, e0138976.	2.5	35
59	Kinetic and Inhibition Studies of Dihydroxybenzoate-AMP Ligase from <i>Escherichia coli</i>. Biochemistry, 2010, 49, 3648-3657.	2.5	34
60	Mechanism-based Inactivation by Aromatization of the Transaminase BioA Involved in Biotin Biosynthesis in <i>Mycobaterium tuberculosis</i>. Journal of the American Chemical Society, 2011, 133, 18194-18201.	13.7	34
61	Discovery of Imidazoquinolines with Toll-Like Receptor 7/8 Independent Cytokine Induction. ACS Medicinal Chemistry Letters, 2012, 3, 501-504.	2.8	33
62	Structural and functional delineation of aerobactin biosynthesis in hypervirulent Klebsiella pneumoniae. Journal of Biological Chemistry, 2018, 293, 7841-7852.	3.4	33
63	Chemoselective Reduction of Phosphine Oxides by 1,3â€Diphenylâ€Disiloxane. Chemistry - A European Journal, 2017, 23, 14434-14438.	3.3	32
64	Spirocyclic and Bicyclic 8-Nitrobenzothiazinones for Tuberculosis with Improved Physicochemical and Pharmacokinetic Properties. ACS Medicinal Chemistry Letters, 2019, 10, 348-351.	2.8	32
65	Structure-Based Optimization of Pyridoxal 5â€²-Phosphate-Dependent Transaminase Enzyme (BioA) Inhibitors that Target Biotin Biosynthesis in <i>Mycobacterium tuberculosis</i>. Journal of Medicinal Chemistry, 2017, 60, 5507-5520.	6.4	31
66	Development of a high-throughput fluorescence polarization assay for the discovery of phosphopantetheinyl transferase inhibitors. Analytical Biochemistry, 2010, 403, 13-19.	2.4	30
67	Fragment-Based Exploration of Binding Site Flexibility in <i>Mycobacterium tuberculosis</i> BioA. Journal of Medicinal Chemistry, 2015, 58, 5208-5217.	6.4	29
68	Functional Characterization of a Dehydratase Domain from the Pikromycin Polyketide Synthase. Journal of the American Chemical Society, 2015, 137, 7003-7006.	13.7	29
69	Substrate Recognition and Channeling of Monomodules from the Pikromycin Polyketide Synthase. Journal of the American Chemical Society, 2003, 125, 12551-12557.	13.7	28
70	Targeting intracellular p-aminobenzoic acid production potentiates the anti-tubercular action of antifolates. Scientific Reports, 2016, 6, 38083.	3.3	28
71	Investigation and Conformational Analysis of Fluorinated Nucleoside Antibiotics Targeting Siderophore Biosynthesis. Journal of Organic Chemistry, 2015, 80, 4835-4850.	3.2	26
72	Discovery of <i>Mycobacterium tuberculosis</i> InhA Inhibitors by Binding Sites Comparison and Ligands Prediction. Journal of Medicinal Chemistry, 2016, 59, 11069-11078.	6.4	26

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73	Synthesis, pH-dependent, and plasma stability of meropenem prodrugs for potential use against drug-resistant tuberculosis. Bioorganic and Medicinal Chemistry, 2013, 21, 5605-5617.	3.0	25
74	Unsaturated Lipid Assimilation by Mycobacteria Requires Auxiliary cis-trans Enoyl CoA Isomerase. Chemistry and Biology, 2015, 22, 1577-1587.	6.0	24
75	Targeting protein biotinylation enhances tuberculosis chemotherapy. Science Translational Medicine, 2018, 10, .	12.4	24
76	A Cinchona Alkaloid Antibiotic That Appears To Target ATP Synthase in <i>Streptococcus pneumoniae</i>. Journal of Medicinal Chemistry, 2019, 62, 2305-2332.	6.4	24
77	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.	6.4	23
78	Conformationally Constrained Cinnolinone Nucleoside Analogues as Siderophore Biosynthesis Inhibitors for Tuberculosis. ACS Medicinal Chemistry Letters, 2018, 9, 386-391.	2.8	23
79	Investigation of (<i>S</i>)-(â˜)-Acidomycin: A Selective Antimycobacterial Natural Product That Inhibits Biotin Synthase. ACS Infectious Diseases, 2019, 5, 598-617.	3.8	22
80	Quantitative Three Dimensional Structure Linear Interaction Energy Model of 5â€²-<i>O</i>-[<i>N</i>-(Salicyl)sulfamoyl]adenosine and the Aryl Acid Adenylating Enzyme MbtA. Journal of Medicinal Chemistry, 2008, 51, 7154-7160.	6.4	21
81	Selective inhibition of nicotinamide adenine dinucleotide kinases by dinucleoside disulfide mimics of nicotinamide adenine dinucleotide analogues. Bioorganic and Medicinal Chemistry, 2009, 17, 5656-5664.	3.0	21
82	Synthesis and pharmacological evaluation of nucleoside prodrugs designed to target siderophore biosynthesis in Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry, 2016, 24, 1314-1321.	3.0	21
83	The Ecstasy and Agony of Assay Interference Compounds. Journal of Chemical Information and Modeling, 2017, 57, 387-390.	5.4	20
84	Synthesis and Analysis of Bacterial Folate Metabolism Intermediates and Antifolates. Organic Letters, 2017, 19, 5220-5223.	4.6	20
85	Reaction intermediate analogues as bisubstrate inhibitors of pantothenate synthetase. Bioorganic and Medicinal Chemistry, 2014, 22, 1726-1735.	3.0	19
86	2-Aryl-8-aza-3-deazaadenosine analogues of 5â€²-O-[N-(salicyl)sulfamoyl]adenosine: Nucleoside antibiotics that block siderophore biosynthesis in Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry, 2016, 24, 3133-3143.	3.0	18
87	Biosynthesis, Mechanism of Action, and Inhibition of the Enterotoxin Tilimycin Produced by the Opportunistic Pathogen <i>Klebsiella oxytoca</i>. ACS Infectious Diseases, 2020, 6, 1976-1997.	3.8	18
88	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.	5.5	18
89	Formal Total Synthesis of the Polyketide Macrolactone Narbonolide. Journal of Organic Chemistry, 2005, 70, 7267-7272.	3.2	17
90	A continuous fluorescence displacement assay for BioA: An enzyme involved in biotin biosynthesis. Analytical Biochemistry, 2011, 416, 27-38.	2.4	17

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91	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.	5.5	17
92	Measurement of Nonribosomal Peptide Synthetase Adenylation Domain Activity Using a Continuous Hydroxylamine Release Assay. Methods in Molecular Biology, 2016, 1401, 53-61.	0.9	17
93	Going Viral. ACS Infectious Diseases, 2015, 1, 399-399.	3.8	16
94	Tylosin polyketide synthase module 3: stereospecificity, stereoselectivity and steady-state kinetic analysis of Î²-processing domains via diffusible, synthetic substrates. Chemical Science, 2015, 6, 5027-5033.	7.4	15
95	Stereocontrolled Synthesis of a Potential Transition-State Inhibitor of the Salicylate Synthase MbtI from <i>Mycobacterium tuberculosis</i>. Journal of Organic Chemistry, 2015, 80, 6545-6552.	3.2	14
96	Avoiding Antibiotic Inactivation in <i>Mycobacterium tuberculosis</i> by Rv3406 through Strategic Nucleoside Modification. ACS Infectious Diseases, 2018, 4, 1102-1113.	3.8	14
97	PKSâ€“NRPS Enzymology and Structural Biology: Considerations in Protein Production. Methods in Enzymology, 2018, 604, 45-88.	1.0	14
98	Methionine Antagonizes para-Aminosalicylic Acid Activity via Affecting Folate Precursor Biosynthesis in Mycobacterium tuberculosis. Frontiers in Cellular and Infection Microbiology, 2018, 8, 399.	3.9	14
99	Total Synthesis and Biological Evaluation of Transvalencin Z. Journal of Natural Products, 2012, 75, 1037-1043.	3.0	13
100	Pyrazinamide: A Frontline Drug Used for Tuberculosis. Molecular Mechanism of Action Resolved after 50 Years?. ChemMedChem, 2012, 7, 558-560.	3.2	13
101	Confronting Racism in Chemistry Journals. ACS Applied Materials & Interfaces, 2020, 12, 28925-28927.	8.0	13
102	A high-throughput screening fluorescence polarization assay for fatty acid adenylating enzymes in Mycobacterium tuberculosis. Analytical Biochemistry, 2011, 417, 264-273.	2.4	12
103	Design and Synthesis of Potential Mechanism-Based Inhibitors of the Aminotransferase BioA Involved in Biotin Biosynthesis. Journal of Organic Chemistry, 2012, 77, 6051-6058.	3.2	12
104	Polyketide Intermediate Mimics as Probes for Revealing Cryptic Stereochemistry of Ketoreductase Domains. ACS Chemical Biology, 2014, 9, 2914-2922.	3.4	12
105	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.	0.5	12
106	Scalable Synthesis of Hydrido-Disiloxanes from Silanes: A One-Pot Preparation of 1,3-Diphenyldisiloxane from Phenylsilane. Synthesis, 2018, 50, 278-281.	2.3	11
107	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.	3.2	10
108	8-cyanobenzothiazinone analogs with potent antitubercular activity. Medicinal Chemistry Research, 2021, 30, 449-458.	2.4	10

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109	Structural Basis of Polyketide Synthase <i>O</i>-Methylation. ACS Chemical Biology, 2018, 13, 3221-3228.	3.4	9
110	Development of an imidazole salt catalytic system for the preparation of bis(indolyl)methanes and bis(naphthyl)methane. PLoS ONE, 2019, 14, e0216008.	2.5	9
111	Design, Synthesis, and Biophysical Evaluation of Mechanism-Based Probes for Condensation Domains of Nonribosomal Peptide Synthetases. ACS Chemical Biology, 2020, 15, 1813-1819.	3.4	9
112	<i>Mycobacterium tuberculosis</i> PanD Structureâ€"Function Analysis and Identification of a Potent Pyrazinoic Acid-Derived Enzyme Inhibitor. ACS Chemical Biology, 2021, 16, 1030-1039.	3.4	9
113	The Ecstasy and Agony of Assay Interference Compounds. ACS Chemical Neuroscience, 2017, 8, 420-423.	3.5	8
114	The Ecstasy and Agony of Assay Interference Compounds. Biochemistry, 2017, 56, 1363-1366.	2.5	8
115	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.	13.7	8
116	Synthesis of Transition-State Inhibitors of Chorismate Utilizing Enzymes from Bromobenzene <i>cis</i>-1,2-Dihydrodiol. Journal of Organic Chemistry, 2017, 82, 3432-3440.	3.2	7
117	The Biotin Biosynthetic Pathway in Mycobacterium tuberculosis is a Validated Target for the Development of Antibacterial Agents. Current Medicinal Chemistry, 2020, 27, 4194-4232.	2.4	7
118	Synthesis of GTP-Derived Ras Ligands. ChemBioChem, 2004, 5, 1448-1453.	2.6	6
119	Psoralen Derivatives as Inhibitors of Mycobacterium tuberculosis Proteasome. Molecules, 2020, 25, 1305.	3.8	6
120	Synthesis of deuteriumâ€labelled 5â€²â€<i>O</i>â€[<i>N</i>â€(Salicyl)sulfamoyl]adenosine (Salâ€AMSâ€d₄) as an internal standard for quantitation of Salâ€AMS. Journal of Labelled Compounds and Radiopharmaceuticals, 2008, 51, 118-122.	1.0	5
121	Mechanism of a Standalone Î²â€Lactone Synthetase: Newâ€‰Continuous Assay for a Widespread ANL Superfamily Enzyme. ChemBioChem, 2019, 20, 1701-1711.	2.6	5
122	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Materials & Interfaces, 2020, 12, 20147-20148.	8.0	5
123	Confronting Racism in Chemistry Journals. Nano Letters, 2020, 20, 4715-4717.	9.1	5
124	Innovative Strategies for the Construction of Diverse 1â€²-Modified <i>C</i>-Nucleoside Derivatives. Journal of Organic Chemistry, 2021, 86, 16625-16640.	3.2	5
125	The Known Unknowns of Emerging Viruses. ACS Infectious Diseases, 2016, 2, 310-311.	3.8	4
126	The Ecstasy and Agony of Assay Interference Compounds. ACS Infectious Diseases, 2017, 3, 259-262.	3.8	4

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127	1,3-Diphenyldisiloxane Enables Additive-Free Redox Recycling Reactions and Catalysis with Triphenylphosphine. Synthesis, 2020, 52, 3583-3594.	2.3	4
128	Confronting Racism in Chemistry Journals. Organic Letters, 2020, 22, 4919-4921.	4.6	4
129	Reinvestigation of the structure-activity relationships of isoniazid. Tuberculosis, 2021, 129, 102100.	1.9	4
130	Synthesis and biological evaluation of orally active prodrugs and analogs of para-aminosalicylic acid (PAS). European Journal of Medicinal Chemistry, 2022, 232, 114201.	5.5	4
131	Structural and Mechanistic Insights into <i>Mycobacterium abscessus</i> Aspartate Decarboxylase PanD and a Pyrazinoic Acid-Derived Inhibitor. ACS Infectious Diseases, 2022, 8, 1324-1335.	3.8	4
132	Assigning Enzyme Function from the Metabolic Milieu. Chemistry and Biology, 2010, 17, 313-314.	6.0	3
133	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Chemical Society, 2020, 142, 8059-8060.	13.7	3
134	Total synthesis of pseudouridimycin and its epimer <i>via</i> Ugi-type multicomponent reaction. Chemical Communications, 2022, 58, 7956-7959.	4.1	3
135	Cephemâ€Pyrazinoic Acid Conjugates: Circumventing Resistance in Mycobacterium tuberculosis.. Chemistry - A European Journal, 0, , .	3.3	3
136	Antimetabolite Poisoning of Cofactor Biosynthesis. Chemistry and Biology, 2012, 19, 543-544.	6.0	2
137	Introductory Editorial for <i>ACS Infectious Diseases</i>. ACS Infectious Diseases, 2015, 1, 1-2.	3.8	2
138	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Nano, 2020, 14, 5151-5152.	14.6	2
139	Confronting Racism in Chemistry Journals. ACS Nano, 2020, 14, 7675-7677.	14.6	2
140	Confronting Racism in Chemistry Journals. Chemical Reviews, 2020, 120, 5795-5797.	47.7	2
141	Chemoselective Reduction of Tertiary Amides by 1,3-DiphenylÂdisiloxane (DPDS). Synthesis, 2022, 54, 2205-2212.	2.3	2
142	Cardiac ryanodine receptor N-terminal region biosensors identify novel inhibitors via FRET-based high-throughput screening. Journal of Biological Chemistry, 2022, 298, 101412.	3.4	2
143	Editorial [Hot Topic: TB Drug Development (Guest Editor: Courtney C. Aldrich)]. Current Topics in Medicinal Chemistry, 2012, 12, 671-671.	2.1	1
144	Antibiotic Discovery for Mycobacteria. ACS Infectious Diseases, 2015, 1, 576-577.	3.8	1

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145	Defining the Chemistry of Infectious Diseases. ACS Infectious Diseases, 2016, 2, 1-1.	3.8	1
146	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Energy Letters, 2020, 5, 1610-1611.	17.4	1
147	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science and Technology Letters, 2020, 7, 280-281.	8.7	1
148	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Education, 2020, 97, 1217-1218.	2.3	1
149	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry Letters, 2020, 11, 5279-5281.	4.6	1
150	Confronting Racism in Chemistry Journals. ACS Central Science, 2020, 6, 1012-1014.	11.3	1
151	Confronting Racism in Chemistry Journals. Journal of the American Society for Mass Spectrometry, 2020, 31, 1321-1323.	2.8	1
152	Confronting Racism in Chemistry Journals. Crystal Growth and Design, 2020, 20, 4201-4203.	3.0	1
153	Confronting Racism in Chemistry Journals. ACS Catalysis, 2020, 10, 7307-7309.	11.2	1
154	Confronting Racism in Chemistry Journals. Journal of the American Chemical Society, 2020, 142, 11319-11321.	13.7	1
155	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry B, 2020, 124, 5335-5337.	2.6	1
156	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Crystal Growth and Design, 2020, 20, 2817-2818.	3.0	1
157	Confronting Racism in Chemistry Journals. ACS Biomaterials Science and Engineering, 2020, 6, 3690-3692.	5.2	1
158	Confronting Racism in Chemistry Journals. ACS Omega, 2020, 5, 14857-14859.	3.5	1
159	Confronting Racism in Chemistry Journals. Molecular Pharmaceutics, 2020, 17, 2229-2231.	4.6	1
160	Confronting Racism in Chemistry Journals. ACS Chemical Neuroscience, 2020, 11, 1852-1854.	3.5	1
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