

Courtney C Aldrich

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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	Rationally designed nucleoside antibiotics that inhibit siderophore biosynthesis of Mycobacterium tuberculosis. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 31-4	8.3	195
131	Structures of two distinct conformations of holo-non-ribosomal peptide synthetases. <i>Nature</i> , 2016 , 529, 235-8	50.4	155
130	A genetic strategy to identify targets for the development of drugs that prevent bacterial persistence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 19095-100	11.5	119
129	Structural and functional investigation of the intermolecular interaction between NRPS adenylation and carrier protein domains. <i>Chemistry and Biology</i> , 2012 , 19, 188-98		107
128	Evaluating the sensitivity of Mycobacterium tuberculosis to biotin deprivation using regulated gene expression. <i>PLoS Pathogens</i> , 2011 , 7, e1002264	7.6	105
127	Inhibition of siderophore biosynthesis in Mycobacterium tuberculosis with nucleoside bisubstrate analogues: structure-activity relationships of the nucleobase domain of 5SO-[N-(salicyl)sulfamoyl]adenosine. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 5349-70	8.3	105
126	Biosynthetic analysis of the petrobactin siderophore pathway from Bacillus anthracis. <i>Journal of Bacteriology</i> , 2007 , 189, 1698-710	3.5	102
125	Structure of PA1221, a nonribosomal peptide synthetase containing adenylation and peptidyl carrier protein domains. <i>Biochemistry</i> , 2012 , 51, 3252-63	3.2	101
124	Mitsunobu Reactions Catalytic in Phosphine and a Fully Catalytic System. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13041-4	16.4	89
123	Molecular analysis of the rebeccamycin L-amino acid oxidase from Lechevalieria aerocolonigenes ATCC 39243. <i>Journal of Bacteriology</i> , 2005 , 187, 2084-92	3.5	84
122	In This Issue, Volume 9, Issue 3. <i>ACS Medicinal Chemistry Letters</i> , 2018 , 9, 159-160	4.3	78
121	Inhibition of siderophore biosynthesis by 2-triazole substituted analogues of 5SO-[N-(salicyl)sulfamoyl]adenosine: antibacterial nucleosides effective against Mycobacterium tuberculosis. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 7495-507	8.3	78
120	5SO-[(N-acyl)sulfamoyl]adenosines as antitubercular agents that inhibit MbtA: an adenylation enzyme required for siderophore biosynthesis of the mycobactins. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 6080-94	8.3	78
119	A mechanism-based aryl carrier protein/thiolation domain affinity probe. <i>Journal of the American Chemical Society</i> , 2007 , 129, 6350-1	16.4	66
118	Antitubercular nucleosides that inhibit siderophore biosynthesis: SAR of the glycosyl domain. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 7623-35	8.3	65
117	Structures of a Nonribosomal Peptide Synthetase Module Bound to MbtH-like Proteins Support a Highly Dynamic Domain Architecture. <i>Journal of Biological Chemistry</i> , 2016 , 291, 22559-22571	5.4	65
116	Bisubstrate adenylation inhibitors of biotin protein ligase from Mycobacterium tuberculosis. <i>Chemistry and Biology</i> , 2011 , 18, 1432-41		64

115	Engineering the substrate specificity of the DhbE adenylation domain by yeast cell surface display. <i>Chemistry and Biology</i> , 2013 , 20, 92-101		61
114	Design, synthesis, and biological evaluation of beta-ketosulfonamide adenylation inhibitors as potential antitubercular agents. <i>Organic Letters</i> , 2006 , 8, 4707-10	6.2	57
113	A continuous kinetic assay for adenylation enzyme activity and inhibition. <i>Analytical Biochemistry</i> , 2010 , 404, 56-63	3.1	55
112	Chemoenzymatic synthesis of the polyketide macrolactone 10-deoxymethynolide. <i>Journal of the American Chemical Society</i> , 2005 , 127, 8910-1	16.4	54
111	Structure-activity relationships of 2-aminothiazoles effective against Mycobacterium tuberculosis. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 6385-97	3.4	50
110	Triazole-linked inhibitors of inosine monophosphate dehydrogenase from human and Mycobacterium tuberculosis. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 4768-78	8.3	50
109	Biochemical and structural characterization of bisubstrate inhibitors of BasE, the self-standing nonribosomal peptide synthetase adenylate-forming enzyme of acinetobactin synthesis. <i>Biochemistry</i> , 2010 , 49, 9292-305	3.2	47
108	Total synthesis of the calphostins: application of fischer carbene complexes and thermodynamic control of atropisomers. <i>Journal of Organic Chemistry</i> , 2001 , 66, 1297-309	4.2	47
107	Acylamino Chromium Carbene Complexes: Direct Carbonyl Insertion, Formation of M̄chones, and Trapping with Dipolarophiles. <i>Journal of the American Chemical Society</i> , 2000 , 122, 7398-7399	16.4	45
106	Adenylating enzymes in Mycobacterium tuberculosis as drug targets. <i>Current Topics in Medicinal Chemistry</i> , 2012 , 12, 766-96	3	45
105	Structure-activity relationship analysis of imidazoquinolines with Toll-like receptors 7 and 8 selectivity and enhanced cytokine induction. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 339-47	8.3	44
104	Efficient Pd-catalyzed coupling of tautomerizable heterocycles with terminal alkynes via C-OH bond activation using PyBrOP. <i>Organic Letters</i> , 2010 , 12, 2286-9	6.2	44
103	Carbene Complexes in the Synthesis of Complex Natural Products: Total Synthesis of the Calphostins. <i>Journal of the American Chemical Society</i> , 2000 , 122, 3224-3225	16.4	43
102	Biochemical investigation of pikromycin biosynthesis employing native penta- and hexaketide chain elongation intermediates. <i>Journal of the American Chemical Society</i> , 2005 , 127, 8441-52	16.4	42
101	Non-nucleoside inhibitors of BasE, an adenylating enzyme in the siderophore biosynthetic pathway of the opportunistic pathogen Acinetobacter baumannii. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 2385-405	8.3	41
100	Iterative chain elongation by a pikromycin monomodular polyketide synthase. <i>Journal of the American Chemical Society</i> , 2003 , 125, 4682-3	16.4	41
99	Synthesis of chromone, quinolone, and benzoxazinone sulfonamide nucleosides as conformationally constrained inhibitors of adenylating enzymes required for siderophore biosynthesis. <i>Journal of Organic Chemistry</i> , 2013 , 78, 7470-81	4.2	40
98	Development of a selective activity-based probe for adenylating enzymes: profiling MbtA Involved in siderophore biosynthesis from Mycobacterium tuberculosis. <i>ACS Chemical Biology</i> , 2012 , 7, 1653-8	4.9	40

97	Synthesis and Pharmacokinetic Evaluation of Siderophore Biosynthesis Inhibitors for <i>Mycobacterium tuberculosis</i> . <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 5459-75	8.3	39
96	Mutual potentiation drives synergy between trimethoprim and sulfamethoxazole. <i>Nature Communications</i> , 2018 , 9, 1003	17.4	39
95	Structure and cytotoxicity of arnamial and related fungal sesquiterpene aryl esters. <i>Journal of Natural Products</i> , 2009 , 72, 1888-91	4.9	39
94	Target-based identification of whole-cell active inhibitors of biotin biosynthesis in <i>Mycobacterium tuberculosis</i> . <i>Chemistry and Biology</i> , 2015 , 22, 76-86		37
93	Aryl acid adenylating enzymes involved in siderophore biosynthesis: fluorescence polarization assay, ligand specificity, and discovery of non-nucleoside inhibitors via high-throughput screening. <i>Biochemistry</i> , 2008 , 47, 11735-49	3.2	37
92	Inhibition of <i>Mycobacterium tuberculosis</i> transaminase BioA by aryl hydrazines and hydrazides. <i>ChemBioChem</i> , 2014 , 15, 575-86	3.8	36
91	Whole-Cell Screen of Fragment Library Identifies Gut Microbiota Metabolite Indole Propionic Acid as Antitubercular. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	36
90	Polyketide Quinones Are Alternate Intermediate Electron Carriers during <i>Mycobacterial</i> Respiration in Oxygen-Deficient Niches. <i>Molecular Cell</i> , 2015 , 60, 637-50	17.6	35
89	The global virulence regulators VsrAD and PhcA control secondary metabolism in the plant pathogen <i>Ralstonia solanacearum</i> . <i>ChemBioChem</i> , 2009 , 10, 2730-2	3.8	35
88	Inhibitors of the salicylate synthase (MbtI) from <i>Mycobacterium tuberculosis</i> discovered by high-throughput screening. <i>ChemMedChem</i> , 2010 , 5, 2079-87	3.7	34
87	Targeting <i>Mycobacterium tuberculosis</i> Biotin Protein Ligase (MtBPL) with Nucleoside-Based Bisubstrate Adenylation Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 7349-7369	8.3	32
86	Characterization of AusA: a dimodular nonribosomal peptide synthetase responsible for the production of aureusimine pyrazinones. <i>Biochemistry</i> , 2013 , 52, 926-37	3.2	31
85	Human Urinary Composition Controls Antibacterial Activity of Siderocalin. <i>Journal of Biological Chemistry</i> , 2015 , 290, 15949-60	5.4	30
84	Mechanism-based inactivation by aromatization of the transaminase BioA involved in biotin biosynthesis in <i>Mycobacterium tuberculosis</i> . <i>Journal of the American Chemical Society</i> , 2011 , 133, 18194-2014	16.4	30
83	Domain Organization and Active Site Architecture of a Polyketide Synthase C-methyltransferase. <i>ACS Chemical Biology</i> , 2016 , 11, 3319-3327	4.9	30
82	Vinylogous Dehydration by a Polyketide Dehydratase Domain in Curacin Biosynthesis. <i>Journal of the American Chemical Society</i> , 2016 , 138, 16024-16036	16.4	29
81	Kinetic and inhibition studies of dihydroxybenzoate-AMP ligase from <i>Escherichia coli</i> . <i>Biochemistry</i> , 2010 , 49, 3648-57	3.2	29
80	Copper(II)-Catalyzed Conversion of Aryl/Heteroaryl Boronic Acids, Boronates, and Trifluoroborates into the Corresponding Azides: Substrate Scope and Limitations. <i>Synthesis</i> , 2010 , 2010, 1441-1448	2.9	29

79	Discovery of Imidazoquinolines with Toll-Like Receptor 7/8 Independent Cytokine Induction. <i>ACS Medicinal Chemistry Letters</i> , 2012 , 3, 501-504	4.3	28
78	Substrate recognition and channeling of monomolecules from the pikromycin polyketide synthase. <i>Journal of the American Chemical Society</i> , 2003 , 125, 12551-7	16.4	28
77	Bisubstrate Inhibitors of Biotin Protein Ligase in Resistant to Cyclonucleoside Formation. <i>ACS Medicinal Chemistry Letters</i> , 2013 , 4,	4.3	27
76	Mycobacterium tuberculosis IMPDH in Complexes with Substrates, Products and Antitubercular Compounds. <i>PLoS ONE</i> , 2015 , 10, e0138976	3.7	27
75	Trapping interactions between catalytic domains and carrier proteins of modular biosynthetic enzymes with chemical probes. <i>Natural Product Reports</i> , 2018 , 35, 1156-1184	15.1	25
74	Noncompetitive inhibitors of TNFR1 probe conformational activation states. <i>Science Signaling</i> , 2019 , 12,	8.8	25
73	Development of a high-throughput fluorescence polarization assay for the discovery of phosphopantetheinyl transferase inhibitors. <i>Analytical Biochemistry</i> , 2010 , 403, 13-9	3.1	25
72	Fragment-based exploration of binding site flexibility in Mycobacterium tuberculosis BioA. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 5208-17	8.3	23
71	Functional Characterization of a Dehydratase Domain from the Pikromycin Polyketide Synthase. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7003-6	16.4	23
70	Investigation and conformational analysis of fluorinated nucleoside antibiotics targeting siderophore biosynthesis. <i>Journal of Organic Chemistry</i> , 2015 , 80, 4835-50	4.2	23
69	Structural and functional delineation of aerobactin biosynthesis in hypervirulent. <i>Journal of Biological Chemistry</i> , 2018 , 293, 7841-7852	5.4	22
68	Discovery of Mycobacterium tuberculosis InhA Inhibitors by Binding Sites Comparison and Ligands Prediction. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 11069-11078	8.3	21
67	Chemoselective Reduction of Phosphine Oxides by 1,3-Diphenyl-Disiloxane. <i>Chemistry - A European Journal</i> , 2017 , 23, 14434-14438	4.8	20
66	Unsaturated Lipid Assimilation by Mycobacteria Requires Auxiliary cis-trans Enoyl CoA Isomerase. <i>Chemistry and Biology</i> , 2015 , 22, 1577-87		20
65	Structure of the Essential FadD32 Enzyme: A Promising Drug Target for Treating Tuberculosis. <i>ACS Infectious Diseases</i> , 2016 , 2, 579-591	5.5	20
64	Structure-Based Optimization of Pyridoxal 5Pphosphate-Dependent Transaminase Enzyme (BioA) Inhibitors that Target Biotin Biosynthesis in Mycobacterium tuberculosis. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 5507-5520	8.3	19
63	Spirocyclic and Bicyclic 8-Nitrobenzothiazinones for Tuberculosis with Improved Physicochemical and Pharmacokinetic Properties. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 348-351	4.3	19
62	Synthesis, pH-dependent, and plasma stability of meropenem prodrugs for potential use against drug-resistant tuberculosis. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 5605-17	3.4	19

61	Mitsunobu Reactions Catalytic in Phosphine and a Fully Catalytic System. <i>Angewandte Chemie</i> , 2015 , 127, 13233-13236	3.6	19
60	Targeting protein biotinylation enhances tuberculosis chemotherapy. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	17
59	Conformationally Constrained Cinnolinone Nucleoside Analogues as Siderophore Biosynthesis Inhibitors for Tuberculosis. <i>ACS Medicinal Chemistry Letters</i> , 2018 , 9, 386-391	4.3	17
58	Reaction intermediate analogues as bisubstrate inhibitors of pantothenate synthetase. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 1726-35	3.4	17
57	A continuous fluorescence displacement assay for BioA: an enzyme involved in biotin biosynthesis. <i>Analytical Biochemistry</i> , 2011 , 416, 27-38	3.1	17
56	Quantitative three dimensional structure linear interaction energy model of 5SO-[N-(salicyl)sulfamoyl]adenosine and the aryl acid adenylating enzyme MbtA. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 7154-60	8.3	17
55	Targeting intracellular p-aminobenzoic acid production potentiates the anti-tubercular action of antifolates. <i>Scientific Reports</i> , 2016 , 6, 38083	4.9	17
54	Anchimerically Activated ProTides as Inhibitors of Cap-Dependent Translation and Inducers of Chemosensitization in Mantle Cell Lymphoma. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 8131-8144	8.3	16
53	Synthesis and pharmacological evaluation of nucleoside prodrugs designed to target siderophore biosynthesis in Mycobacterium tuberculosis. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 1314-21	3.4	15
52	Selective inhibition of nicotinamide adenine dinucleotide kinases by dinucleoside disulfide mimics of nicotinamide adenine dinucleotide analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 5656-64	3.4	15
51	Going Viral. <i>ACS Infectious Diseases</i> , 2015 , 1, 399	5.5	14
50	Synthesis and Analysis of Bacterial Folate Metabolism Intermediates and Antifolates. <i>Organic Letters</i> , 2017 , 19, 5220-5223	6.2	13
49	Stereocontrolled Synthesis of a Potential Transition-State Inhibitor of the Salicylate Synthase MbtI from Mycobacterium tuberculosis. <i>Journal of Organic Chemistry</i> , 2015 , 80, 6545-52	4.2	13
48	Tylosin polyketide synthase module 3: stereospecificity, stereoselectivity and steady-state kinetic analysis of E ₁ processing domains diffusible, synthetic substrates. <i>Chemical Science</i> , 2015 , 6, 5027-5033	9.4	13
47	Formal total synthesis of the polyketide macrolactone narbonolide. <i>Journal of Organic Chemistry</i> , 2005 , 70, 7267-72	4.2	13
46	2-Aryl-8-aza-3-deazaadenosine analogues of 5SO-[N-(salicyl)sulfamoyl]adenosine: Nucleoside antibiotics that block siderophore biosynthesis in Mycobacterium tuberculosis. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 3133-43	3.4	13
45	Avoiding Antibiotic Inactivation in Mycobacterium tuberculosis by Rv3406 through Strategic Nucleoside Modification. <i>ACS Infectious Diseases</i> , 2018 , 4, 1102-1113	5.5	12
44	Polyketide intermediate mimics as probes for revealing cryptic stereochemistry of ketoreductase domains. <i>ACS Chemical Biology</i> , 2014 , 9, 2914-22	4.9	12

43	Investigation of (S)-(-)-Acidomycin: A Selective Antimycobacterial Natural Product That Inhibits Biotin Synthase. <i>ACS Infectious Diseases</i> , 2019 , 5, 598-617	5.5	12
42	Pyrazinamide: a frontline drug used for tuberculosis. Molecular mechanism of action resolved after 50 years?. <i>ChemMedChem</i> , 2012 , 7, 558-60	3.7	11
41	Measurement of Nonribosomal Peptide Synthetase Adenylation Domain Activity Using a Continuous Hydroxylamine Release Assay. <i>Methods in Molecular Biology</i> , 2016 , 1401, 53-61	1.4	11
40	PKS-NRPS Enzymology and Structural Biology: Considerations in Protein Production. <i>Methods in Enzymology</i> , 2018 , 604, 45-88	1.7	10
39	Design and synthesis of potential mechanism-based inhibitors of the aminotransferase BioA involved in biotin biosynthesis. <i>Journal of Organic Chemistry</i> , 2012 , 77, 6051-8	4.2	10
38	A high-throughput screening fluorescence polarization assay for fatty acid adenyating enzymes in <i>Mycobacterium tuberculosis</i> . <i>Analytical Biochemistry</i> , 2011 , 417, 264-73	3.1	10
37	A Cinchona Alkaloid Antibiotic That Appears To Target ATP Synthase in <i>Streptococcus pneumoniae</i> . <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 2305-2332	8.3	10
36	Macozinone: revised synthesis and crystal structure of a promising new drug for treating drug-sensitive and drug-resistant tuberculosis. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 1031-1035	0.8	9
35	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. <i>Journal of Organic Chemistry</i> , 2017 , 82, 7806-7819	4.2	9
34	Total synthesis and biological evaluation of transvalencin Z. <i>Journal of Natural Products</i> , 2012 , 75, 1037-43	4.9	9
33	Design, synthesis and structure-activity relationships of novel 15-membered macrolides: Quinolone/quinoline-containing sidechains tethered to the C-6 position of azithromycin acylides. <i>European Journal of Medicinal Chemistry</i> , 2020 , 193, 112222	6.8	8
32	Scalable Synthesis of Hydrido-Disiloxanes from Silanes: A One-Pot Preparation of 1,3-Diphenyldisiloxane from Phenylsilane. <i>Synthesis</i> , 2018 , 50, 278-281	2.9	8
31	Synthesis of Transition-State Inhibitors of Chorismate Utilizing Enzymes from Bromobenzene cis-1,2-Dihydrodiol. <i>Journal of Organic Chemistry</i> , 2017 , 82, 3432-3440	4.2	7
30	Development of small-molecule inhibitors of fatty acyl-AMP and fatty acyl-CoA ligases in <i>Mycobacterium tuberculosis</i> . <i>European Journal of Medicinal Chemistry</i> , 2020 , 201, 112408	6.8	7
29	Methionine Antagonizes -Aminosalicylic Acid Activity via Affecting Folate Precursor Biosynthesis in. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 399	5.9	7
28	Development of an imidazole salt catalytic system for the preparation of bis(indolyl)methanes and bis(naphthyl)methane. <i>PLoS ONE</i> , 2019 , 14, e0216008	3.7	6
27	Biosynthesis, Mechanism of Action, and Inhibition of the Enterotoxin Tilimycin Produced by the Opportunistic Pathogen. <i>ACS Infectious Diseases</i> , 2020 , 6, 1976-1997	5.5	6
26	Synthesis of GTP-derived Ras ligands. <i>ChemBioChem</i> , 2004 , 5, 1448-53	3.8	6

25	Rational Optimization of Mechanism-Based Inhibitors through Determination of the Microscopic Rate Constants of Inactivation. <i>Journal of the American Chemical Society</i> , 2017 , 139, 7132-7135	16.4	5
24	Mechanism of a Standalone β -Lactone Synthetase: New Continuous Assay for a Widespread ANL Superfamily Enzyme. <i>ChemBioChem</i> , 2019 , 20, 1701-1711	3.8	5
23	Synthesis of deuterium-labelled 5SO-[N-(Salicyl)sulfamoyl]adenosine (Sal-AMS-d(4)) as an internal standard for quantitation of Sal-AMS. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2008 , 51, 118-122	1.9	5
22	Structural Basis of Polyketide Synthase O-Methylation. <i>ACS Chemical Biology</i> , 2018 , 13, 3221-3228	4.9	5
21	Design, Synthesis, and Biophysical Evaluation of Mechanism-Based Probes for Condensation Domains of Nonribosomal Peptide Synthetases. <i>ACS Chemical Biology</i> , 2020 , 15, 1813-1819	4.9	3
20	The Biotin Biosynthetic Pathway in <i>Mycobacterium tuberculosis</i> is a Validated Target for the Development of Antibacterial Agents. <i>Current Medicinal Chemistry</i> , 2020 , 27, 4194-4232	4.3	3
19	8-cyanobenzothiazinone analogs with potent antitubercular activity. <i>Medicinal Chemistry Research</i> , 2021 , 30, 1-10	2.2	3
18	Introductory Editorial for ACS Infectious Diseases. <i>ACS Infectious Diseases</i> , 2015 , 1, 1-2	5.5	2
17	Antimetabolite poisoning of cofactor biosynthesis. <i>Chemistry and Biology</i> , 2012 , 19, 543-4		2
16	Assigning enzyme function from the metabolic milieu. <i>Chemistry and Biology</i> , 2010 , 17, 313-4		2
15	PanD Structure-Function Analysis and Identification of a Potent Pyrazinoic Acid-Derived Enzyme Inhibitor. <i>ACS Chemical Biology</i> , 2021 , 16, 1030-1039	4.9	2
14	Reinvestigation of the structure-activity relationships of isoniazid. <i>Tuberculosis</i> , 2021 , 129, 102100	2.6	2
13	Psoralen Derivatives as Inhibitors of Proteasome. <i>Molecules</i> , 2020 , 25,	4.8	1
12	Innovative Strategies for the Construction of Diverse 1SModified -Nucleoside Derivatives. <i>Journal of Organic Chemistry</i> , 2021 , 86, 16625-16640	4.2	1
11	Cardiac ryanodine receptor N-terminal region biosensors identify novel inhibitors via FRET-based high-throughput screening. <i>Journal of Biological Chemistry</i> , 2021 , 101412	5.4	1
10	Synthesis and biological evaluation of orally active prodrugs and analogs of para-aminosalicylic acid (PAS).. <i>European Journal of Medicinal Chemistry</i> , 2022 , 232, 114201	6.8	1
9	1,3-Diphenyldisiloxane Enables Additive-Free Redox Recycling Reactions and Catalysis with Triphenylphosphine. <i>Synthesis</i> , 2020 , 52, 3583-3594	2.9	0
8	Confronting Racism in Chemistry Journals. <i>ACS Applied Nano Materials</i> , 2020 , 3, 6131-6133	5.6	

- 7 Confronting Racism in Chemistry Journals. *ACS Applied Polymer Materials*, **2020**, 2, 2496-2498 4.3
- 6 Confronting Racism in Chemistry Journals. *Organometallics*, **2020**, 39, 2331-2333 3.8
- 5 Update to Our Reader, Reviewer, and Author Communities April 2020. *Energy & Fuels*, **2020**, 34, 5107-5108 4.1
- 4 Update to Our Reader, Reviewer, and Author Communities April 2020. *Organometallics*, **2020**, 39, 1665-1666 3.6
- 3 Special Issue on Drug Discovery for Global Health. *ACS Infectious Diseases*, **2018**, 4, 429-430 5.5
- 2 Confronting Racism in Chemistry Journals. *Journal of Chemical Health and Safety*, **2020**, 27, 198-200 1.7
- 1 Antitubercular Agents 1-110