

Xinjian Ji

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

593
citations

16
h-index

22
g-index

44
ext. papers

751
ext. citations

7.6
avg, IF

4.29
L-index

#	Paper	IF	Citations
41	Substrate-Tuned Catalysis of the Radical S-Adenosyl-L-Methionine Enzyme NosL Involved in Nosiheptide Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9021-4	16.4	44
40	The Catalytic Mechanism of the Class C Radical S-Adenosylmethionine Methyltransferase NosN. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3857-3861	16.4	38
39	Expanding Radical SAM Chemistry by Using Radical Addition Reactions and SAM Analogues. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11845-8	16.4	36
38	Chemistry and Biology of Teixobactin. <i>Chemistry - A European Journal</i> , 2018 , 24, 5406-5422	4.8	30
37	Catalytic Promiscuity of the Radical S-adenosyl-L-methionine Enzyme NosL. <i>Frontiers in Chemistry</i> , 2016 , 4, 27	5	27
36	Characterization of a C3 Deoxygenation Pathway Reveals a Key Branch Point in Aminoglycoside Biosynthesis. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6427-35	16.4	27
35	Mechanistic Insights into the Radical S-adenosyl-L-methionine Enzyme NosL From a Substrate Analogue and the Shunt Products. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3334-7	16.4	26
34	Expanding the Chemistry of the Class C Radical SAM Methyltransferase NosN by Using an Allyl Analogue of SAM. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6601-6604	16.4	24
33	Revisiting the Mechanism of the Anaerobic Coproporphyrinogen III Oxidase HemN. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 6235-6238	16.4	23
32	Emerging Diversity of the Cobalamin-Dependent Methyltransferases Involving Radical-Based Mechanisms. <i>ChemBioChem</i> , 2016 , 17, 1191-7	3.8	23
31	Mechanistic study of the radical SAM-dependent amine dehydrogenation reactions. <i>Chemical Communications</i> , 2016 , 52, 10555-8	5.8	23
30	Nucleoside-linked shunt products in the reaction catalyzed by the class C radical S-adenosylmethionine methyltransferase NosN. <i>Chemical Communications</i> , 2017 , 53, 5235-5238	5.8	22
29	Dimetallic Ru(II) arene complexes appended on bis-salicylaldehyde induce cancer cell death and suppress invasion via p53-dependent signaling. <i>European Journal of Medicinal Chemistry</i> , 2018 , 157, 1480-1490 ¹⁹	6.8	19
28	Thioesterase-Mediated Synthesis of Teixobactin Analogues: Mechanism and Substrate Specificity. <i>Journal of Organic Chemistry</i> , 2018 , 83, 7271-7275	4.2	17
27	Thuricin Z: A Narrow-Spectrum Sactibiotic that Targets the Cell Membrane. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18793-18797	16.4	17
26	Reactivity of the nitrogen-centered tryptophanyl radical in the catalysis by the radical SAM enzyme NosL. <i>Chemical Communications</i> , 2016 , 53, 344-347	5.8	16
25	1,2-Diol Dehydration by the Radical SAM Enzyme AprD4: A Matter of Proton Circulation and Substrate Flexibility. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1365-1371	16.4	14

24	Expanding the Chemistry of the Class C Radical SAM Methyltransferase NosN by Using an Allyl Analogue of SAM. <i>Angewandte Chemie</i> , 2018 , 130, 6711-6714	3.6	13
23	Adenylation reactions catalyzed by the radical S-adenosylmethionine superfamily enzymes. <i>Current Opinion in Chemical Biology</i> , 2020 , 55, 86-95	9.7	12
22	Radical SAM-Dependent Adenylation Involved in Bacteriohopanepolyol Biosynthesis \square <i>Chinese Journal of Chemistry</i> , 2020 , 38, 39-42	4.9	12
21	The SCIFF-Derived Ranthipeptides Participate in Quorum Sensing in Solventogenic Clostridia. <i>Biotechnology Journal</i> , 2020 , 15, e2000136	5.6	12
20	Radical SAM-dependent adenylation catalyzed by l-tyrosine lyases. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 1809-1812	3.9	11
19	Substrate-Tuned Catalysis of the Radical S-Adenosyl-L-Methionine Enzyme NosL Involved in Nosiheptide Biosynthesis. <i>Angewandte Chemie</i> , 2015 , 127, 9149-9152	3.6	11
18	The Catalytic Mechanism of the Class C Radical S-Adenosylmethionine Methyltransferase NosN. <i>Angewandte Chemie</i> , 2017 , 129, 3915-3919	3.6	9
17	Using Radical SAM Chemistry to Access Nucleoside-Containing Compounds. <i>Synlett</i> , 2017 , 28, 143-147	2.2	9
16	Expanding Radical SAM Chemistry by Using Radical Addition Reactions and SAM Analogues. <i>Angewandte Chemie</i> , 2016 , 128, 12024-12027	3.6	9
15	Reductive Cleavage of Sulfoxide and Sulfone by Two Radical S-Adenosyl-l-methionine Enzymes. <i>Biochemistry</i> , 2019 , 58, 36-39	3.2	9
14	Revisiting the Mechanism of the Anaerobic Coproporphyrinogen III Oxidase HemN. <i>Angewandte Chemie</i> , 2019 , 131, 6301-6304	3.6	8
13	Sulfonium-Based Homolytic Substitution Observed for the Radical SAM Enzyme HemN. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8880-8884	16.4	8
12	Characterization and Mechanistic Study of the Radical SAM Enzyme ArsS Involved in Arsenosugar Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7570-7575	16.4	8
11	A mechanistic study of the non-oxidative decarboxylation catalyzed by the radical S-adenosyl-l-methionine enzyme BlsE involved in blasticidin S biosynthesis. <i>Chemical Communications</i> , 2017 , 53, 8952-8955	5.8	7
10	Mechanistic Insights into the Radical S-adenosyl-l-methionine Enzyme NosL From a Substrate Analogue and the Shunt Products. <i>Angewandte Chemie</i> , 2016 , 128, 3395-3398	3.6	6
9	Biochemical Characterization of an Arginine 2,3-Aminomutase with Dual Substrate Specificity. <i>Chinese Journal of Chemistry</i> , 2020 , 38, 959-962	4.9	5
8	Post-Translational Formation of Aminomalonate by a Promiscuous Peptide-Modifying Radical SAM Enzyme. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19957-19964	16.4	5
7	The Promiscuous Activity of the Radical SAM Enzyme NosL toward Two Unnatural Substrates. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 2417-2421	4.9	4

6	Thuricin Z: A Narrow-Spectrum Sactibiotic that Targets the Cell Membrane. <i>Angewandte Chemie</i> , 2019 , 131, 18969-18973	3.6	3
5	Sulfonium-Based Homolytic Substitution Observed for the Radical SAM Enzyme HemN. <i>Angewandte Chemie</i> , 2020 , 132, 8965-8969	3.6	2
4	Adenosylhopane Biosynthesis by the Radical SAM Enzyme HpnH. <i>Chinese Journal of Chemistry</i> , 2020 , 38, 218-219	4.9	2
3	Characterization and Mechanistic Study of the Radical SAM Enzyme ArsS Involved in Arsenosugar Biosynthesis. <i>Angewandte Chemie</i> , 2021 , 133, 7648-7653	3.6	2
2	Post-Translational Formation of Aminomalonate by a Promiscuous Peptide-Modifying Radical SAM Enzyme. <i>Angewandte Chemie</i> , 2021 , 133, 20110-20117	3.6	0
1	Innentitelbild: The Catalytic Mechanism of the Class C Radical S-Adenosylmethionine Methyltransferase NosN (Angew. Chem. 14/2017). <i>Angewandte Chemie</i> , 2017 , 129, 3780-3780	3.6	