

# Xinjian Ji

## List of Publications by Year in Descending Order

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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	Post-Translational Formation of Aminomalonate by a Promiscuous Peptide-Modifying Radical SAM Enzyme. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 19957-19964	16.4	5
40	Characterization and Mechanistic Study of the Radical SAM Enzyme ArsS Involved in Arsenosugar Biosynthesis. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 7648-7653	3.6	2
39	Characterization and Mechanistic Study of the Radical SAM Enzyme ArsS Involved in Arsenosugar Biosynthesis. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 7570-7575	16.4	8
38	Post-Translational Formation of Aminomalonate by a Promiscuous Peptide-Modifying Radical SAM Enzyme. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 20110-20117	3.6	0
37	The Promiscuous Activity of the Radical SAM Enzyme NosL toward Two Unnatural Substrates. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 2417-2421	4.9	4
36	Sulfonium-Based Homolytic Substitution Observed for the Radical SAM Enzyme HemN. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 8965-8969	3.6	2
35	Sulfonium-Based Homolytic Substitution Observed for the Radical SAM Enzyme HemN. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 8880-8884	16.4	8
34	Adenylation reactions catalyzed by the radical S-adenosylmethionine superfamily enzymes. <i>Current Opinion in Chemical Biology</i> , <b>2020</b> , 55, 86-95	9.7	12
33	Biochemical Characterization of an Arginine 2,3-Aminomutase with Dual Substrate Specificity. <i>Chinese Journal of Chemistry</i> , <b>2020</b> , 38, 959-962	4.9	5
32	Radical SAM-Dependent Adenylation Involved in Bacteriohopanepolyol Biosynthesis. <i>Chinese Journal of Chemistry</i> , <b>2020</b> , 38, 39-42	4.9	12
31	Adenylation of Hopane Biosynthesis by the Radical SAM Enzyme HpnH. <i>Chinese Journal of Chemistry</i> , <b>2020</b> , 38, 218-219	4.9	2
30	The SCIFF-Derived Ranthipeptides Participate in Quorum Sensing in Solventogenic Clostridia. <i>Biotechnology Journal</i> , <b>2020</b> , 15, e2000136	5.6	12
29	Radical SAM-dependent adenylation catalyzed by l-tyrosine lyases. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 1809-1812	3.9	11
28	Revisiting the Mechanism of the Anaerobic Coproporphyrinogen III Oxidase HemN. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 6301-6304	3.6	8
27	Revisiting the Mechanism of the Anaerobic Coproporphyrinogen III Oxidase HemN. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 6235-6238	16.4	23
26	Thuricin Z: A Narrow-Spectrum Sactibiotic that Targets the Cell Membrane. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 18969-18973	3.6	3
25	Thuricin Z: A Narrow-Spectrum Sactibiotic that Targets the Cell Membrane. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 18793-18797	16.4	17

24	Reductive Cleavage of Sulfoxide and Sulfone by Two Radical S-Adenosyl-l-methionine Enzymes. <i>Biochemistry</i> , <b>2019</b> , 58, 36-39	3.2	9
23	Thioesterase-Mediated Synthesis of Teixobactin Analogues: Mechanism and Substrate Specificity. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 7271-7275	4.2	17
22	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> , <b>2018</b> , 140, 1365-1371	16.4	14
21	Expanding the Chemistry of the Class C Radical SAM Methyltransferase NosN by Using an Allyl Analogue of SAM. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 6711-6714	3.6	13
20	Expanding the Chemistry of the Class C Radical SAM Methyltransferase NosN by Using an Allyl Analogue of SAM. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 6601-6604	16.4	24
19	Chemistry and Biology of Teixobactin. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 5406-5422	4.8	30
18	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> , <b>2018</b> , 157, 1480-1490 <sup>6,8</sup>	6.8	19
17	The Catalytic Mechanism of the Class C Radical S-Adenosylmethionine Methyltransferase NosN. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 3915-3919	3.6	9
16	The Catalytic Mechanism of the Class C Radical S-Adenosylmethionine Methyltransferase NosN. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 3857-3861	16.4	38
15	Nucleoside-linked shunt products in the reaction catalyzed by the class C radical S-adenosylmethionine methyltransferase NosN. <i>Chemical Communications</i> , <b>2017</b> , 53, 5235-5238	5.8	22
14	Innentitelbild: The Catalytic Mechanism of the Class C Radical S-Adenosylmethionine Methyltransferase NosN (Angew. Chem. 14/2017). <i>Angewandte Chemie</i> , <b>2017</b> , 129, 3780-3780	3.6	
13	Using Radical SAM Chemistry to Access Nucleoside-Containing Compounds. <i>Synlett</i> , <b>2017</b> , 28, 143-147	2.2	9
12	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> , <b>2017</b> , 53, 8952-8955	5.8	7
11	Reactivity of the nitrogen-centered tryptophanyl radical in the catalysis by the radical SAM enzyme NosL. <i>Chemical Communications</i> , <b>2016</b> , 53, 344-347	5.8	16
10	Expanding Radical SAM Chemistry by Using Radical Addition Reactions and SAM Analogues. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 11845-8	16.4	36
9	Expanding Radical SAM Chemistry by Using Radical Addition Reactions and SAM Analogues. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 12024-12027	3.6	9
8	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> , <b>2016</b> , 55, 3334-7	16.4	26
7	Emerging Diversity of the Cobalamin-Dependent Methyltransferases Involving Radical-Based Mechanisms. <i>ChemBioChem</i> , <b>2016</b> , 17, 1191-7	3.8	23

6	Catalytic Promiscuity of the Radical S-adenosyl-L-methionine Enzyme NosL. <i>Frontiers in Chemistry</i> , <b>2016</b> , 4, 27	5	27
5	Mechanistic Insights into the Radical S-adenosyl-L-methionine Enzyme NosL From a Substrate Analogue and the Shunt Products. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 3395-3398	3.6	6
4	Characterization of a C3 Deoxygenation Pathway Reveals a Key Branch Point in Aminoglycoside Biosynthesis. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 6427-35	16.4	27
3	Mechanistic study of the radical SAM-dependent amine dehydrogenation reactions. <i>Chemical Communications</i> , <b>2016</b> , 52, 10555-8	5.8	23
2	Substrate-Tuned Catalysis of the Radical S-Adenosyl-L-Methionine Enzyme NosL Involved in Nosiheptide Biosynthesis. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 9149-9152	3.6	11
1	Substrate-Tuned Catalysis of the Radical S-Adenosyl-L-Methionine Enzyme NosL Involved in Nosiheptide Biosynthesis. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 9021-4	16.4	44