Xinjian Ji

List of Publications by Year in descending order

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42	811	394286	552653
papers	citations	19 h-index	26 g-index

44	44	44	575
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Substrateâ€Tuned Catalysis of the Radical Sâ€Adenosylâ€<scp>L</scp>â€Methionine Enzyme NosL Involved in Nosiheptide Biosynthesis. Angewandte Chemie - International Edition, 2015, 54, 9021-9024.	7.2	49
2	Expanding Radical SAM Chemistry by Using Radical Addition Reactions and SAM Analogues. Angewandte Chemie - International Edition, 2016, 55, 11845-11848.	7.2	44
3	The Catalytic Mechanism of the Class C Radical Sâ€Adenosylmethionine Methyltransferase NosN. Angewandte Chemie - International Edition, 2017, 56, 3857-3861.	7.2	42
4	Thuricinâ€…Z: A Narrowâ€Spectrum Sactibiotic that Targets the Cell Membrane. Angewandte Chemie - International Edition, 2019, 58, 18793-18797.	7.2	42
5	Characterization of a C3 Deoxygenation Pathway Reveals a Key Branch Point in Aminoglycoside Biosynthesis. Journal of the American Chemical Society, 2016, 138, 6427-6435.	6.6	38
6	Revisiting the Mechanism of the Anaerobic Coproporphyrinogenâ€…III Oxidase HemN. Angewandte Chemie - International Edition, 2019, 58, 6235-6238.	7.2	37
7	Chemistry and Biology of Teixobactin. Chemistry - A European Journal, 2018, 24, 5406-5422.	1.7	35
8	Catalytic Promiscuity of the Radical S-adenosyl-L-methionine Enzyme NosL. Frontiers in Chemistry, 2016, 4, 27.	1.8	34
9	Expanding the Chemistry of the Class C Radical SAM Methyltransferase NosN by Using an Allyl Analogue of SAM. Angewandte Chemie - International Edition, 2018, 57, 6601-6604.	7.2	31
10	Mechanistic Insights into the Radical Sâ€adenosylâ€<scp>l</scp>â€methionine Enzyme NosL From a Substrate Analogue and the Shunt Products. Angewandte Chemie - International Edition, 2016, 55, 3334-3337.	7.2	30
11	Dimetallic Ru(II) arene complexes appended on bis-salicylaldimine induce cancer cell death and suppress invasion via p53-dependent signaling. European Journal of Medicinal Chemistry, 2018, 157, 1480-1490.	2.6	30
12	Emerging Diversity of the Cobalaminâ€Dependent Methyltransferases Involving Radicalâ€Based Mechanisms. ChemBioChem, 2016, 17, 1191-1197.	1.3	28
13	Postâ€Translational Formation of Aminomalonate by a Promiscuous Peptideâ€Modifying Radical SAM Enzyme. Angewandte Chemie - International Edition, 2021, 60, 19957-19964.	7.2	26
14	Thioesterase-Mediated Synthesis of Teixobactin Analogues: Mechanism and Substrate Specificity. Journal of Organic Chemistry, 2018, 83, 7271-7275.	1.7	25
15	Mechanistic study of the radical SAM-dependent amine dehydrogenation reactions. Chemical Communications, 2016, 52, 10555-10558.	2.2	24
16	Nucleoside-linked shunt products in the reaction catalyzed by the class C radical S-adenosylmethionine methyltransferase NosN. Chemical Communications, 2017, 53, 5235-5238.	2.2	22
17	Adenosylation reactions catalyzed by the radical S-adenosylmethionine superfamily enzymes. Current Opinion in Chemical Biology, 2020, 55, 86-95.	2.8	22
18	Radical SAMâ€Dependent Adenosylation Involved in Bacteriohopanepolyol Biosynthesis^{â€}. Chinese Journal of Chemistry, 2020, 38, 39-42.	2.6	21

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19	The SCIFFâ€Derived Ranthipeptides Participate in Quorum Sensing in Solventogenic Clostridia. Biotechnology Journal, 2020, 15, 2000136.	1.8	20
20	1,2-Diol Dehydration by the Radical SAM Enzyme AprD4: A Matter of Proton Circulation and Substrate Flexibility. Journal of the American Chemical Society, 2018, 140, 1365-1371.	6.6	19
21	Reactivity of the nitrogen-centered tryptophanyl radical in the catalysis by the radical SAM enzyme NosL. Chemical Communications, 2017, 53, 344-347.	2.2	17
22	Characterization and Mechanistic Study of the Radical SAM Enzyme ArsS Involved in Arsenosugar Biosynthesis. Angewandte Chemie - International Edition, 2021, 60, 7570-7575.	7.2	17
23	Sulfoniumâ€Based Homolytic Substitution Observed for the Radical SAM Enzyme HemN. Angewandte Chemie - International Edition, 2020, 59, 8880-8884.	7.2	15
24	Expanding the Chemistry of the Class C Radical SAM Methyltransferase NosN by Using an Allyl Analogue of SAM. Angewandte Chemie, 2018, 130, 6711-6714.	1.6	14
25	Radical SAM-dependent adenosylation catalyzed by <scp>l</scp>-tyrosine lyases. Organic and Biomolecular Chemistry, 2019, 17, 1809-1812.	1.5	13
26	Reductive Cleavage of Sulfoxide and Sulfone by Two Radical S-Adenosyl-<scp>l</scp>-methionine Enzymes. Biochemistry, 2019, 58, 36-39.	1.2	12
27	Biochemical Characterization of an Arginine 2,<scp>3â€Aminomutase</scp> with Dual Substrate Specificity. Chinese Journal of Chemistry, 2020, 38, 959-962.	2.6	12
28	The Catalytic Mechanism of the Class C Radical Sâ€Adenosylmethionine Methyltransferase NosN. Angewandte Chemie, 2017, 129, 3915-3919.	1.6	11
29	Expanding Radical SAM Chemistry by Using Radical Addition Reactions and SAM Analogues. Angewandte Chemie, 2016, 128, 12024-12027.	1.6	10
30	Using Radical SAM Chemistry to Access Nucleoside-Containing Compounds. Synlett, 2017, 28, 143-147.	1.0	9
31	A mechanistic study of the non-oxidative decarboxylation catalyzed by the radical S-adenosyl-<scp>l</scp>-methionine enzyme BlsE involved in blasticidin S biosynthesis. Chemical Communications, 2017, 53, 8952-8955.	2.2	9
32	Revisiting the Mechanism of the Anaerobic Coproporphyrinogenâ€...III Oxidase HemN. Angewandte Chemie, 2019, 131, 6301-6304.	1.6	9
33	Thuricinâ€...Z: A Narrowâ€Spectrum Sactibiotic that Targets the Cell Membrane. Angewandte Chemie, 2019, 131, 18969-18973.	1.6	8
34	The Promiscuous Activity of the Radical <scp>SAM</scp> Enzyme <scp>NosL</scp> toward Two Unnatural Substrates. Chinese Journal of Chemistry, 2021, 39, 2417-2421.	2.6	8
35	Mechanistic Insights into the Radical Sâ€adenosylâ€<scp>l</scp>â€methionine Enzyme NosL From a Substrate Analogue and the Shunt Products. Angewandte Chemie, 2016, 128, 3395-3398.	1.6	6
36	Postâ€Translational Formation of Aminomalonate by a Promiscuous Peptideâ€Modifying Radical SAM Enzyme. Angewandte Chemie, 2021, 133, 20110-20117.	1.6	4

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37	Adenosylhopane Biosynthesis by the Radical SAM Enzyme HpnH^{â€}. Chinese Journal of Chemistry, 2020, 38, 218-219.	2.6	3
38	Sulfoniumâ€Based Homolytic Substitution Observed for the Radical SAM Enzyme HemN. Angewandte Chemie, 2020, 132, 8965-8969.	1.6	2
39	Characterization and Mechanistic Study of the Radical SAM Enzyme ArsS Involved in Arsenosugar Biosynthesis. Angewandte Chemie, 2021, 133, 7648-7653.	1.6	2
40	Innentitelbild: The Catalytic Mechanism of the Class C Radical Sâ€Adenosylmethionine Methyltransferase NosN (Angew. Chem. 14/2017). Angewandte Chemie, 2017, 129, 3780-3780.	1.6	0
41	Frontispiece: Chemistry and Biology of Teixobactin. Chemistry - A European Journal, 2018, 24, .	1.7	0
42	Widespread Microbial Utilization of Ribosomal Î²-Amino Acid-Containing Peptides and Proteins. SSRN Electronic Journal, 0, , .	0.4	0