

Jiangbo Wei

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

4,793
citations

236612

25
h-index

414034

32
g-index

33
all docs

33
docs citations

33
times ranked

4732
citing authors

#	ARTICLE	IF	CITATIONS
1	Where, When, and How: Context-Dependent Functions of RNA Methylation Writers, Readers, and Erasers. <i>Molecular Cell</i> , 2019, 74, 640-650.	4.5	1,096
2	Small-Molecule Targeting of Oncogenic FTO Demethylase in Acute Myeloid Leukemia. <i>Cancer Cell</i> , 2019, 35, 677-691.e10.	7.7	516
3	Differential m6A, m6Am, and m1A Demethylation Mediated by FTO in the Cell Nucleus and Cytoplasm. <i>Molecular Cell</i> , 2018, 71, 973-985.e5.	4.5	506
4	m6A mRNA demethylase FTO regulates melanoma tumorigenicity and response to anti-PD-1 blockade. <i>Nature Communications</i> , 2019, 10, 2782.	5.8	468
5	ALKBH1-Mediated tRNA Demethylation Regulates Translation. <i>Cell</i> , 2016, 167, 816-828.e16.	13.5	366
6	METTL16 exerts an m6A-independent function to facilitate translation and tumorigenesis. <i>Nature Cell Biology</i> , 2022, 24, 205-216.	4.6	143
7	Benzofuran synthesis via copper-mediated oxidative annulation of phenols and unactivated internal alkynes. <i>Chemical Science</i> , 2013, 4, 3706.	3.7	142
8	Palladium-Catalyzed Trifluoromethylation of Aromatic C-H Bond Directed by an Acetamino Group. <i>Organic Letters</i> , 2013, 15, 10-13.	2.4	133
9	RNA cytosine methylation and methyltransferases mediate chromatin organization and 5-azacytidine response and resistance in leukaemia. <i>Nature Communications</i> , 2018, 9, 1163.	5.8	132
10	m6A RNA modifications are measured at single-base resolution across the mammalian transcriptome. <i>Nature Biotechnology</i> , 2022, 40, 1210-1219.	9.4	115
11	RNA demethylation increases the yield and biomass of rice and potato plants in field trials. <i>Nature Biotechnology</i> , 2021, 39, 1581-1588.	9.4	102
12	FTO mediates LINE1 m ⁶ A demethylation and chromatin regulation in mESCs and mouse development. <i>Science</i> , 2022, 376, 968-973.	6.0	97
13	Post-translational modification of RNA m6A demethylase ALKBH5 regulates ROS-induced DNA damage response. <i>Nucleic Acids Research</i> , 2021, 49, 5779-5797.	6.5	92
14	A critical role of nuclear m6A reader YTHDC1 in leukemogenesis by regulating MCM complex-mediated DNA replication. <i>Blood</i> , 2021, 138, 2838-2852.	0.6	83
15	A human tissue map of 5-hydroxymethylcytosines exhibits tissue specificity through gene and enhancer modulation. <i>Nature Communications</i> , 2020, 11, 6161.	5.8	76
16	Autophagy of the m6A mRNA demethylase FTO is impaired by low-level arsenic exposure to promote tumorigenesis. <i>Nature Communications</i> , 2021, 12, 2183.	5.8	72
17	Targeting PUS7 suppresses tRNA pseudouridylation and glioblastoma tumorigenesis. <i>Nature Cancer</i> , 2021, 2, 932-949.	5.7	64
18	METTL14 facilitates global genome repair and suppresses skin tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	61

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19	Direct cross-coupling of benzyl alcohols to construct diarylmethanes via palladium catalysis. <i>Chemical Communications</i> , 2015, 51, 2683-2686.	2.2	56
20	Programmed Selective sp^2 C–O Bond Activation toward Multiarylated Benzenes. <i>Organic Letters</i> , 2013, 15, 3230-3233.	2.4	55
21	Readily Removable Directing Group Assisted Chemo- and Regioselective $\text{C}(\text{sp}^3)\text{C}(\text{sp}^3)\text{H}$ Activation by Palladium Catalysis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13686-13690.	7.2	53
22	Chromatin and transcriptional regulation by reversible RNA methylation. <i>Current Opinion in Cell Biology</i> , 2021, 70, 109-115.	2.6	44
23	Regioselective Arylation of Thiazole Derivatives at 5-Position via Pd Catalysis under Ligand-Free Conditions. <i>Organic Letters</i> , 2013, 15, 5774-5777.	2.4	43
24	ALKBH7-mediated demethylation regulates mitochondrial polycistronic RNA processing. <i>Nature Cell Biology</i> , 2021, 23, 684-691.	4.6	41
25	Diversity-Oriented Synthesis through Rh-Catalyzed Selective Transformations of a Novel Multirole Directing Group. <i>ChemCatChem</i> , 2015, 7, 2986-2990.	1.8	36
26	Nonsegmented Negative-Sense RNA Viruses Utilize N^6 -Methyladenosine (m ⁶ A) to Overcome the Host's Innate Immune Response. <i>Cell</i> , 2021, 184, 107-120.	1.5	26
27	Remodeling of the m ⁶ A landscape in the heart reveals few conserved post-transcriptional events underlying cardiomyocyte hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 151, 46-55.	0.9	24
28	Diversified syntheses of multifunctionalized thiazole derivatives via regioselective and programmed C–H activation. <i>Chemical Communications</i> , 2015, 51, 4599-4602.	2.2	21
29	Site-specific m ⁶ A editing. <i>Nature Chemical Biology</i> , 2019, 15, 848-849.	3.9	15
30	Viral RNA N ⁶ -methyladenosine modification modulates both innate and adaptive immune responses of human respiratory syncytial virus. <i>PLoS Pathogens</i> , 2021, 17, e1010142.	2.1	12