

# Jiangbo Wei

## 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.

30  
papers

2,279  
citations

17  
h-index

33  
g-index

33  
ext. papers

3,513  
ext. citations

16.3  
avg, IF

5.58  
L-index

#	Paper	IF	Citations
30	Where, When, and How: Context-Dependent Functions of RNA Methylation Writers, Readers, and Erasers. <i>Molecular Cell</i> , <b>2019</b> , 74, 640-650	17.6	511
29	Differential mA, mA, and mA Demethylation Mediated by FTO in the Cell Nucleus and Cytoplasm. <i>Molecular Cell</i> , <b>2018</b> , 71, 973-985.e5	17.6	289
28	mA mRNA demethylase FTO regulates melanoma tumorigenicity and response to anti-PD-1 blockade. <i>Nature Communications</i> , <b>2019</b> , 10, 2782	17.4	254
27	Small-Molecule Targeting of Oncogenic FTO Demethylase in Acute Myeloid Leukemia. <i>Cancer Cell</i> , <b>2019</b> , 35, 677-691.e10	24.3	239
26	ALKBH1-Mediated tRNA Demethylation Regulates Translation. <i>Cell</i> , <b>2016</b> , 167, 816-828.e16	56.2	197
25	Benzofuran synthesis via copper-mediated oxidative annulation of phenols and unactivated internal alkynes. <i>Chemical Science</i> , <b>2013</b> , 4, 3706	9.4	130
24	Palladium-catalyzed trifluoromethylation of aromatic C-H bond directed by an acetamino group. <i>Organic Letters</i> , <b>2013</b> , 15, 10-3	6.2	119
23	RNA cytosine methylation and methyltransferases mediate chromatin organization and 5-azacytidine response and resistance in leukaemia. <i>Nature Communications</i> , <b>2018</b> , 9, 1163	17.4	73
22	Programmed selective sp <sup>2</sup> C-O bond activation toward multiarylated benzenes. <i>Organic Letters</i> , <b>2013</b> , 15, 3230-3	6.2	49
21	Direct cross-coupling of benzyl alcohols to construct diarylmethanes via palladium catalysis. <i>Chemical Communications</i> , <b>2015</b> , 51, 2683-6	5.8	44
20	Readily Removable Directing Group Assisted Chemo- and Regioselective C(sp <sup>3</sup> )-H Activation by Palladium Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 13686-90	16.4	43
19	Regioselective arylation of thiazole derivatives at 5-position via Pd catalysis under ligand-free conditions. <i>Organic Letters</i> , <b>2013</b> , 15, 5774-7	6.2	33
18	Diversity-Oriented Synthesis through Rh-Catalyzed Selective Transformations of a Novel Multirole Directing Group. <i>ChemCatChem</i> , <b>2015</b> , 7, 2986-2990	5.2	29
17	A human tissue map of 5-hydroxymethylcytosines exhibits tissue specificity through gene and enhancer modulation. <i>Nature Communications</i> , <b>2020</b> , 11, 6161	17.4	21
16	RNA demethylation increases the yield and biomass of rice and potato plants in field trials. <i>Nature Biotechnology</i> , <b>2021</b> ,	44.5	20
15	Autophagy of the mA mRNA demethylase FTO is impaired by low-level arsenic exposure to promote tumorigenesis. <i>Nature Communications</i> , <b>2021</b> , 12, 2183	17.4	19
14	Diversified syntheses of multifunctionalized thiazole derivatives via regioselective and programmed C-H activation. <i>Chemical Communications</i> , <b>2015</b> , 51, 4599-602	5.8	17

13	METTL14 facilitates global genome repair and suppresses skin tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	15
12	Post-translational modification of RNA m6A demethylase ALKBH5 regulates ROS-induced DNA damage response. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 5779-5797	20.1	13
11	Site-specific mA editing. <i>Nature Chemical Biology</i> , <b>2019</b> , 15, 848-849	11.7	12
10	Chromatin and transcriptional regulation by reversible RNA methylation. <i>Current Opinion in Cell Biology</i> , <b>2021</b> , 70, 109-115	9	11
9	Remodeling of the mA landscape in the heart reveals few conserved post-transcriptional events underlying cardiomyocyte hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2021</b> , 151, 46-55	5.8	11
8	METTL16 exerts an mA-independent function to facilitate translation and tumorigenesis.. <i>Nature Cell Biology</i> , <b>2022</b> , 24, 205-216	23.4	10
7	Nonsegmented Negative-Sense RNA Viruses Utilize -Methyladenosine (mA) as a Common Strategy To Evade Host Innate Immunity. <i>Journal of Virology</i> , <b>2021</b> , 95,	6.6	10
6	ALKBH7-mediated demethylation regulates mitochondrial polycistronic RNA processing. <i>Nature Cell Biology</i> , <b>2021</b> , 23, 684-691	23.4	10
5	A Critical Role of Nuclear m6A Reader YTHDC1 in Leukemogenesis by Regulating MCM Complex-Mediated DNA Replication. <i>Blood</i> , <b>2021</b> ,	2.2	9
4	mA RNA modifications are measured at single-base resolution across the mammalian transcriptome.. <i>Nature Biotechnology</i> , <b>2022</b> ,	44.5	9
3	Targeting PUS7 suppresses tRNA pseudouridylation and glioblastoma tumorigenesis.. <i>Nature Cancer</i> , <b>2021</b> , 2, 932-949	15.4	6
2	FTO mediates LINE1 mA demethylation and chromatin regulation in mESCs and mouse development.. <i>Science</i> , <b>2022</b> , eabe9582	33.3	4
1	Viral RNA N6-methyladenosine modification modulates both innate and adaptive immune responses of human respiratory syncytial virus.. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1010142	7.6	2