

Ye Fu

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

11,820
citations

26
h-index

32
g-index

32
ext. papers

15,059
ext. citations

21
avg, IF

5.97
L-index

#	Paper	IF	Citations
30	N6-methyladenosine-dependent regulation of messenger RNA stability. <i>Nature</i> , 2014 , 505, 117-20	50.4	1949
29	N6-methyladenosine in nuclear RNA is a major substrate of the obesity-associated FTO. <i>Nature Chemical Biology</i> , 2011 , 7, 885-7	11.7	1937
28	ALKBH5 is a mammalian RNA demethylase that impacts RNA metabolism and mouse fertility. <i>Molecular Cell</i> , 2013 , 49, 18-29	17.6	1627
27	A METTL3-METTL14 complex mediates mammalian nuclear RNA N6-adenosine methylation. <i>Nature Chemical Biology</i> , 2014 , 10, 93-5	11.7	1458
26	Gene expression regulation mediated through reversible m ⁶ A RNA methylation. <i>Nature Reviews Genetics</i> , 2014 , 15, 293-306	30.1	905
25	Selective chemical labeling reveals the genome-wide distribution of 5-hydroxymethylcytosine. <i>Nature Biotechnology</i> , 2011 , 29, 68-72	44.5	816
24	Genome-wide profiling of 5-formylcytosine reveals its roles in epigenetic priming. <i>Cell</i> , 2013 , 153, 678-91	56.2	453
23	Indirect ortho functionalization of substituted toluenes through ortho olefination of N,N-dimethylbenzylamines tuned by the acidity of reaction conditions. <i>Journal of the American Chemical Society</i> , 2007 , 129, 7666-73	16.4	330
22	N6-methyldeoxyadenosine marks active transcription start sites in <i>Chlamydomonas</i> . <i>Cell</i> , 2015 , 161, 879-892	39.2	316
21	FTO-mediated formation of N6-hydroxymethyladenosine and N6-formyladenosine in mammalian RNA. <i>Nature Communications</i> , 2013 , 4, 1798	17.4	255
20	High-resolution N(6) -methyladenosine (m(6) A) map using photo-crosslinking-assisted m(6) A sequencing. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1587-90	16.4	249
19	Reversible RNA adenosine methylation in biological regulation. <i>Trends in Genetics</i> , 2013 , 29, 108-15	8.5	223
18	ALKBH1-Mediated tRNA Demethylation Regulates Translation. <i>Cell</i> , 2016 , 167, 816-828.e16	56.2	197
17	A genetically incorporated crosslinker reveals chaperone cooperation in acid resistance. <i>Nature Chemical Biology</i> , 2011 , 7, 671-7	11.7	177
16	Abundant DNA 6mA methylation during early embryogenesis of zebrafish and pig. <i>Nature Communications</i> , 2016 , 7, 13052	17.4	141
15	Nucleic acid modifications with epigenetic significance. <i>Current Opinion in Chemical Biology</i> , 2012 , 16, 516-24	9.7	116
14	The AlkB domain of mammalian ABH8 catalyzes hydroxylation of 5-methoxycarbonylmethyluridine at the wobble position of tRNA. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 8885-8	16.4	113

13	Proteome-wide quantification and characterization of oxidation-sensitive cysteines in pathogenic bacteria. <i>Cell Host and Microbe</i> , 2013 , 13, 358-70	23.4	88
12	Genome-wide analysis of N1-methyl-adenosine modification in human tRNAs. <i>Rna</i> , 2010 , 16, 1317-27	5.8	79
11	Sprouts of RNA epigenetics: the discovery of mammalian RNA demethylases. <i>RNA Biology</i> , 2013 , 10, 915-18	4.8	69
10	mA-binding YTHDF proteins promote stress granule formation. <i>Nature Chemical Biology</i> , 2020 , 16, 955-963	6.7	67
9	Nucleic acid oxidation in DNA damage repair and epigenetics. <i>Chemical Reviews</i> , 2014 , 114, 4602-20	68.1	63
8	ALKBH4-dependent demethylation of actin regulates actomyosin dynamics. <i>Nature Communications</i> , 2013 , 4, 1832	17.4	51
7	Crystal structure of the RNA demethylase ALKBH5 from zebrafish. <i>FEBS Letters</i> , 2014 , 588, 892-8	3.8	41
6	A TET homologue protein from <i>Coprinopsis cinerea</i> (CcTET) that biochemically converts 5-methylcytosine to 5-hydroxymethylcytosine, 5-formylcytosine, and 5-carboxylcytosine. <i>Journal of the American Chemical Society</i> , 2014 , 136, 4801-4	16.4	37
5	High-Resolution N6-Methyladenosine (m6A) Map Using Photo-Crosslinking-Assisted m6A Sequencing. <i>Angewandte Chemie</i> , 2015 , 127, 1607-1610	3.6	26
4	The AlkB Domain of Mammalian ABH8 Catalyzes Hydroxylation of 5-Methoxycarbonylmethyluridine at the Wobble Position of tRNA. <i>Angewandte Chemie</i> , 2010 , 122, 9069-9072	3.6	6
3	m6A-binding YTHDF proteins promote stress granule formation by modulating phase separation of stress granule proteins		6
2	Cover Picture: The AlkB Domain of Mammalian ABH8 Catalyzes Hydroxylation of 5-Methoxycarbonylmethyluridine at the Wobble Position of tRNA (Angew. Chem. Int. Ed. 47/2010). <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 8765-8765	16.4	2
1	Titelbild: The AlkB Domain of Mammalian ABH8 Catalyzes Hydroxylation of 5-Methoxycarbonylmethyluridine at the Wobble Position of tRNA (Angew. Chem. 47/2010). <i>Angewandte Chemie</i> , 2010 , 122, 8947-8947	3.6	