

# Fuguo Jiang

## 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.

20  
papers

4,300  
citations

17  
h-index

21  
g-index

21  
ext. papers

5,295  
ext. citations

18.4  
avg, IF

5.88  
L-index

#	Paper	IF	Citations
20	CRISPR-Cas9 Structures and Mechanisms. <i>Annual Review of Biophysics</i> , <b>2017</b> , 46, 505-529	21.1	732
19	Structures of Cas9 endonucleases reveal RNA-mediated conformational activation. <i>Science</i> , <b>2014</b> , 343, 1247997	33.3	701
18	Innate immunity induced by composition-dependent RIG-I recognition of hepatitis C virus RNA. <i>Nature</i> , <b>2008</b> , 454, 523-7	50.4	565
17	Nanoparticle delivery of Cas9 ribonucleoprotein and donor DNA induces homology-directed DNA repair. <i>Nature Biomedical Engineering</i> , <b>2017</b> , 1, 889-901	19	404
16	Structures of a CRISPR-Cas9 R-loop complex primed for DNA cleavage. <i>Science</i> , <b>2016</b> , 351, 867-71	33.3	359
15	STRUCTURAL BIOLOGY. A Cas9-guide RNA complex preorganized for target DNA recognition. <i>Science</i> , <b>2015</b> , 348, 1477-81	33.3	330
14	Structural basis of RNA recognition and activation by innate immune receptor RIG-I. <i>Nature</i> , <b>2011</b> , 479, 423-7	50.4	307
13	Disabling Cas9 by an anti-CRISPR DNA mimic. <i>Science Advances</i> , <b>2017</b> , 3, e1701620	14.3	216
12	Structural basis for m7G recognition and 2bO-methyl discrimination in capped RNAs by the innate immune receptor RIG-I. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 596-601	11.5	166
11	Nucleosome breathing and remodeling constrain CRISPR-Cas9 function. <i>ELife</i> , <b>2016</b> , 5,	8.9	133
10	The structural biology of CRISPR-Cas systems. <i>Current Opinion in Structural Biology</i> , <b>2015</b> , 30, 100-111	8.1	100
9	Protective humoral responses to severe acute respiratory syndrome-associated coronavirus: implications for the design of an effective protein-based vaccine. <i>Journal of General Virology</i> , <b>2004</b> , 85, 3109-3113	4.9	57
8	Extension of the crRNA enhances Cpf1 gene editing in vitro and in vivo. <i>Nature Communications</i> , <b>2018</b> , 9, 3313	17.4	51
7	Temperature-Responsive Competitive Inhibition of CRISPR-Cas9. <i>Molecular Cell</i> , <b>2019</b> , 73, 601-610.e5	17.6	50
6	Structure of human spindlin1. Tandem tudor-like domains for cell cycle regulation. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 647-56	5.4	45
5	Regulation of Retinoic Acid Inducible Gene-I (RIG-I) Activation by the Histone Deacetylase 6. <i>EBioMedicine</i> , <b>2016</b> , 9, 195-206	8.8	37
4	The autoinhibitory CARD2-Hel2i Interface of RIG-I governs RNA selection. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, 896-909	20.1	23

3	Expression, purification, crystallization and preliminary X-ray analysis of human spindlin1, an ovarian cancer-related protein. <i>Protein and Peptide Letters</i> , <b>2006</b> , 13, 203-5	1.9	11
2	Rapid genotypic antibiotic susceptibility test using CRISPR-Cas12a for urinary tract infection. <i>Analyst, The</i> , <b>2020</b> , 145, 5226-5231	5	7
1	Disabling Cas9 by an anti-CRISPR DNA mimic		6