Fuguo Jiang

List of Publications by Year in Descending Order

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	Rapid genotypic antibiotic susceptibility test using CRISPR-Cas12a for urinary tract infection. *Analyst, The*, **2020**, 145, 5226-5231	5	7
19	Temperature-Responsive Competitive Inhibition of CRISPR-Cas9. *Molecular Cell*, **2019**, 73, 601-610.e5	17.6	50
18	Extension of the crRNA enhances Cpf1 gene editing in vitro and in vivo. *Nature Communications*, **2018**, 9, 3313	17.4	51
17	CRISPR-Cas9 Structures and Mechanisms. *Annual Review of Biophysics*, **2017**, 46, 505-529	21.1	732
16	Nanoparticle delivery of Cas9 ribonucleoprotein and donor DNA induces homology-directed DNA repair. *Nature Biomedical Engineering*, **2017**, 1, 889-901	19	404
15	Disabling Cas9 by an anti-CRISPR DNA mimic. *Science Advances*, **2017**, 3, e1701620	14.3	216
14	Structures of a CRISPR-Cas9 R-loop complex primed for DNA cleavage. *Science*, **2016**, 351, 867-71	33.3	359
13	Structural basis for m7G recognition and 2bO-methyl discrimination in capped RNAs by the innate immune receptor RIG-I. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 596-601	11.5	166
12	Nucleosome breathing and remodeling constrain CRISPR-Cas9 function. *ELife*, **2016**, 5,	8.9	133
11	The autoinhibitory CARD2-Hel2i Interface of RIG-I governs RNA selection. *Nucleic Acids Research*, **2016**, 44, 896-909	20.1	23
10	Regulation of Retinoic Acid Inducible Gene-I (RIG-I) Activation by the Histone Deacetylase 6. *EBioMedicine*, **2016**, 9, 195-206	8.8	37
9	The structural biology of CRISPR-Cas systems. *Current Opinion in Structural Biology*, **2015**, 30, 100-111	8.1	100
8	STRUCTURAL BIOLOGY. A Cas9-guide RNA complex preorganized for target DNA recognition. *Science*, **2015**, 348, 1477-81	33.3	330
7	Structures of Cas9 endonucleases reveal RNA-mediated conformational activation. *Science*, **2014**, 343, 1247997	33.3	701
6	Structural basis of RNA recognition and activation by innate immune receptor RIG-I. *Nature*, **2011**, 479, 423-7	50.4	307
5	Innate immunity induced by composition-dependent RIG-I recognition of hepatitis C virus RNA. *Nature*, **2008**, 454, 523-7	50.4	565
4	Structure of human spindlin1. Tandem tudor-like domains for cell cycle regulation. *Journal of Biological Chemistry*, **2007**, 282, 647-56	5.4	45

3	Expression, purification, crystallization and preliminary X-ray analysis of human spindlin1, an ovarian cancer-related protein. *Protein and Peptide Letters*, **2006**, 13, 203-5	1.9	11
2	Protective humoral responses to severe acute respiratory syndrome-associated coronavirus: implications for the design of an effective protein-based vaccine. *Journal of General Virology*, **2004**, 85, 3109-3113	4.9	57
1	Disabling Cas9 by an anti-CRISPR DNA mimic		6