

Winston X Yan

List of Publications by Year in descending order

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15
papers

8,014
citations

623734

14
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

9516
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineered Cas12i2 is a versatile high-efficiency platform for therapeutic genome editing. <i>Nature Communications</i> , 2022, 13, .	12.8	18
2	CRISPR-Cas in mobile genetic elements: counter-defence and beyond. <i>Nature Reviews Microbiology</i> , 2019, 17, 513-525.	28.6	205
3	Functionally diverse type V CRISPR-Cas systems. <i>Science</i> , 2019, 363, 88-91.	12.6	342
4	Cas13d Is a Compact RNA-Targeting Type VI CRISPR Effector Positively Modulated by a WYL-Domain-Containing Accessory Protein. <i>Molecular Cell</i> , 2018, 70, 327-339.e5.	9.7	356
5	Engineered Cpf1 variants with altered PAM specificities. <i>Nature Biotechnology</i> , 2017, 35, 789-792.	17.5	351
6	A machine learning approach for predicting CRISPR-Cas9 cleavage efficiencies and patterns underlying its mechanism of action. <i>PLoS Computational Biology</i> , 2017, 13, e1005807.	3.2	147
7	In vivo genome editing improves muscle function in a mouse model of Duchenne muscular dystrophy. <i>Science</i> , 2016, 351, 403-407.	12.6	957
8	In vivo gene editing in dystrophic mouse muscle and muscle stem cells. <i>Science</i> , 2016, 351, 407-411.	12.6	889
9	Rationally engineered Cas9 nucleases with improved specificity. <i>Science</i> , 2016, 351, 84-88.	12.6	1,948
10	In vivo genome editing using <i>Staphylococcus aureus</i> Cas9. <i>Nature</i> , 2015, 520, 186-191.	27.8	2,237
11	Crystal Structure of <i>Staphylococcus aureus</i> Cas9. <i>Cell</i> , 2015, 162, 1113-1126.	28.9	357
12	Reducing the gradient artefact in simultaneous EEG-fMRI by adjusting the subject's axial position. <i>NeuroImage</i> , 2011, 54, 1942-1950.	4.2	64
13	Physical modeling of pulse artefact sources in simultaneous EEG/fMRI. <i>Human Brain Mapping</i> , 2010, 31, 604-620.	3.6	55
14	Source localisation in concurrent EEG/fMRI: Applications at 7T. <i>NeuroImage</i> , 2009, 45, 440-452.	4.2	32
15	Understanding gradient artefacts in simultaneous EEG/fMRI. <i>NeuroImage</i> , 2009, 46, 459-471.	4.2	56