

# Guanghai Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

2,495  
citations

687220

13  
h-index

1058333

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

3027  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sampling the conformational space of the catalytic subunit of human $\hat{\Gamma}^3$ -secretase. <i>ELife</i> , 2015, 4, .	2.8	556
2	An atomic structure of human $\hat{\Gamma}^3$ -secretase. <i>Nature</i> , 2015, 525, 212-217.	13.7	490
3	Three-dimensional structure of human $\hat{\Gamma}^3$ -secretase. <i>Nature</i> , 2014, 512, 166-170.	13.7	317
4	Analysis of 138 pathogenic mutations in presenilin-1 on the in vitro production of $A\hat{\Gamma}^{242}$ and $A\hat{\Gamma}^{240}$ peptides by $\hat{\Gamma}^3$ -secretase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E476-E485.	3.3	277
5	Recognition of the amyloid precursor protein by human $\hat{\Gamma}^3$ -secretase. <i>Science</i> , 2019, 363, .	6.0	229
6	Structural basis of Notch recognition by human $\hat{\Gamma}^3$ -secretase. <i>Nature</i> , 2019, 565, 192-197.	13.7	194
7	Structural basis of $\hat{\Gamma}^3$ -secretase inhibition and modulation by small molecule drugs. <i>Cell</i> , 2021, 184, 521-533.e14.	13.5	100
8	Structural basis of human $\hat{\Gamma}^3$ -secretase assembly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6003-6008.	3.3	97
9	Dimeric structure of the uracil:proton symporter UraA provides mechanistic insights into the SLC4/23/26 transporters. <i>Cell Research</i> , 2017, 27, 1020-1033.	5.7	91
10	Crystal structure of the $\hat{\Gamma}^3$ -secretase component nicastrin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13349-13354.	3.3	59
11	Dominant negative effect of the loss-of-function $\hat{\Gamma}^3$ -secretase mutants on the wild-type enzyme through heterooligomerization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12731-12736.	3.3	41
12	Cryo-EM structures of human $\hat{\Gamma}^3$ -secretase. <i>Current Opinion in Structural Biology</i> , 2017, 46, 55-64.	2.6	20
13	Macromolecular complex in recognition and proteolysis of amyloid precursor protein in Alzheimer's disease. <i>Current Opinion in Structural Biology</i> , 2020, 61, 1-8.	2.6	15
14	Modulation of amyloid precursor protein cleavage by $\hat{\Gamma}^3$ -secretase activating protein through phase separation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2122292119.	3.3	5