

Guanghai Yang

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

2,495
citations

687363

13
h-index

1058476

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, .	6.0	556
2	An atomic structure of human $\hat{\Gamma}^3$ -secretase. <i>Nature</i> , 2015, 525, 212-217.	27.8	490
3	Three-dimensional structure of human $\hat{\Gamma}^3$ -secretase. <i>Nature</i> , 2014, 512, 166-170.	27.8	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.	7.1	277
5	Recognition of the amyloid precursor protein by human $\hat{\Gamma}^3$ -secretase. <i>Science</i> , 2019, 363, .	12.6	229
6	Structural basis of Notch recognition by human $\hat{\Gamma}^3$ -secretase. <i>Nature</i> , 2019, 565, 192-197.	27.8	194
7	Structural basis of $\hat{\Gamma}^3$ -secretase inhibition and modulation by small molecule drugs. <i>Cell</i> , 2021, 184, 521-533.e14.	28.9	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.	7.1	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.	12.0	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.	7.1	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.	7.1	41
12	Cryo-EM structures of human $\hat{\Gamma}^3$ -secretase. <i>Current Opinion in Structural Biology</i> , 2017, 46, 55-64.	5.7	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.	5.7	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.	7.1	5