

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	Modulation of amyloid precursor protein cleavage by β -secretase activating protein through phase separation. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2122292119.	7.1	5
2	Structural basis of β -secretase inhibition and modulation by small molecule drugs. Cell, 2021, 184, 521-533.e14.	28.9	100
3	Macromolecular complex in recognition and proteolysis of amyloid precursor protein in Alzheimer's disease. Current Opinion in Structural Biology, 2020, 61, 1-8.	5.7	15
4	Structural basis of Notch recognition by human β -secretase. Nature, 2019, 565, 192-197.	27.8	194
5	Recognition of the amyloid precursor protein by human β -secretase. Science, 2019, 363, .	12.6	229
6	Dimeric structure of the uracil:proton symporter UraA provides mechanistic insights into the SLC4/23/26 transporters. Cell Research, 2017, 27, 1020-1033.	12.0	91
7	Analysis of 138 pathogenic mutations in presenilin-1 on the in vitro production of A β ²⁴² and A β ²⁴⁰ peptides by β -secretase. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E476-E485.	7.1	277
8	Dominant negative effect of the loss-of-function β -secretase mutants on the wild-type enzyme through heterooligomerization. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12731-12736.	7.1	41
9	Cryo-EM structures of human β -secretase. Current Opinion in Structural Biology, 2017, 46, 55-64.	5.7	20
10	Sampling the conformational space of the catalytic subunit of human β -secretase. ELife, 2015, 4, .	6.0	556
11	Structural basis of human β -secretase assembly. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6003-6008.	7.1	97
12	An atomic structure of human β -secretase. Nature, 2015, 525, 212-217.	27.8	490
13	Three-dimensional structure of human β -secretase. Nature, 2014, 512, 166-170.	27.8	317
14	Crystal structure of the β -secretase component nicastrin. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13349-13354.	7.1	59