

Yang Hsia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1181409/publications.pdf>

Version: 2024-02-01

13
papers

1,006
citations

759233

12
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

1610
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconfigurable asymmetric protein assemblies through implicit negative design. <i>Science</i> , 2022, 375, eabj7662.	12.6	36
2	Computational design of mechanically coupled axle-rotor protein assemblies. <i>Science</i> , 2022, 376, 383-390.	12.6	33
3	Design of multi-scale protein complexes by hierarchical building block fusion. <i>Nature Communications</i> , 2021, 12, 2294.	12.8	48
4	Generation of ordered protein assemblies using rigid three-body fusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	25
5	Computational design of transmembrane pores. <i>Nature</i> , 2020, 585, 129-134.	27.8	120
6	Confirmation of intersubunit connectivity and topology of designed protein complexes by native MS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1268-1273.	7.1	60
7	Designed proteins induce the formation of nanocage-containing extracellular vesicles. <i>Nature</i> , 2016, 540, 292-295.	27.8	113
8	Design of a hyperstable 60-subunit protein icosahedron. <i>Nature</i> , 2016, 535, 136-139.	27.8	373
9	Dragline Silk: A Fiber Assembled with Low-Molecular-Weight Cysteine-Rich Proteins. <i>Biomacromolecules</i> , 2014, 15, 4073-4081.	5.4	25
10	Spider Glue Proteins Have Distinct Architectures Compared with Traditional Spidroin Family Members. <i>Journal of Biological Chemistry</i> , 2012, 287, 35986-35999.	3.4	40
11	Conserved C-Terminal Domain of Spider Tubuliform Spidroin 1 Contributes to Extensibility in Synthetic Fibers. <i>Biomacromolecules</i> , 2012, 13, 304-312.	5.4	53
12	Identification and synthesis of novel biomaterials based on spider structural silk fibers. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 105, 301-309.	2.3	3
13	Synthetic Spider Silk Fibers Spun from Pyriform Spidroin 2, A Glue Silk Protein Discovered in Orb-Weaving Spider Attachment Discs. <i>Biomacromolecules</i> , 2010, 11, 3495-3503.	5.4	64