

Ai Niitsu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9623237/publications.pdf>

Version: 2024-02-01

8
papers

382
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

671
citing authors

#	ARTICLE	IF	CITATIONS
1	De novo protein design: how do we expand into the universe of possible protein structures?. <i>Current Opinion in Structural Biology</i> , 2015, 33, 16-26.	5.7	150
2	A monodisperse transmembrane α -helical peptide barrel. <i>Nature Chemistry</i> , 2017, 9, 411-419.	13.6	97
3	Constructing ion channels from water-soluble α -helical barrels. <i>Nature Chemistry</i> , 2021, 13, 643-650.	13.6	59
4	Conformational Dynamics of Asparagine at Coiled-Coil Interfaces. <i>Biochemistry</i> , 2017, 56, 6544-6554.	2.5	29
5	Membrane-spanning α -helical barrels as tractable protein-design targets. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160213.	4.0	26
6	Conformations of 3-carboxylic esters essential for neurotoxicity in veratrum alkaloids are loosely restricted and fluctuate. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 3025-3031.	3.0	14
7	Ophiobolin O and 6-Epi-Ophiobolin O, Two New Cytotoxic Sesterterpenes from the Marine Derived Fungus <i>Aspergillus</i> Sp. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200701.	0.5	5
8	Veratridine binding to a transmembrane helix of sodium channel Nav1.4 determined by solid-state NMR. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5644-5653.	3.0	2