

Song Xue

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6202480/publications.pdf>

Version: 2024-02-01

13
papers

276
citations

1040018

9
h-index

1125717

13
g-index

15
all docs

15
docs citations

15
times ranked

333
citing authors

#	ARTICLE	IF	CITATIONS
1	Fused in Sarcoma: Properties, Self-Assembly and Correlation with Neurodegenerative Diseases. <i>Molecules</i> , 2019, 24, 1622.	3.8	54
2	Low-complexity domain of U1-70K modulates phase separation and aggregation through distinctive basic-acidic motifs. <i>Science Advances</i> , 2019, 5, eaax5349.	10.3	48
3	Amyloid-Forming Segment Induces Aggregation of FUS-LC Domain from Phase Separation Modulated by Site-Specific Phosphorylation. <i>Journal of Molecular Biology</i> , 2020, 432, 467-483.	4.2	38
4	A New Strategy for Smoking Cessation: Characterization of a Bacterial Enzyme for the Degradation of Nicotine. <i>Journal of the American Chemical Society</i> , 2015, 137, 10136-10139.	13.7	29
5	An enzymatic approach reverses nicotine dependence, decreases compulsive-like intake, and prevents relapse. <i>Science Advances</i> , 2018, 4, eaat4751.	10.3	22
6	An enzymatic advance in nicotine cessation therapy. <i>Chemical Communications</i> , 2018, 54, 1686-1689.	4.1	18
7	Phase separation on cell surface facilitates bFGF signal transduction with heparan sulphate. <i>Nature Communications</i> , 2022, 13, 1112.	12.8	17
8	Crystallography Coupled with Kinetic Analysis Provides Mechanistic Underpinnings of a Nicotine-Degrading Enzyme. <i>Biochemistry</i> , 2018, 57, 3741-3751.	2.5	16
9	Disease-associated mutations affect TIA1 phase separation and aggregation in a proline-dependent manner. <i>Brain Research</i> , 2021, 1768, 147589.	2.2	10
10	Probing BoNT/A Protease Exosites: Implications for Inhibitor Design and Light Chain Longevity. <i>Biochemistry</i> , 2014, 53, 6820-6824.	2.5	9
11	Picolinic acids as $\hat{\Gamma}^2$ -exosite inhibitors of botulinum neurotoxin A light chain. <i>Chemical Communications</i> , 2016, 52, 12521-12524.	4.1	6
12	Virtual Evolution of HVEM Segment for Checkpoint Inhibitor Discovery. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6638.	4.1	5
13	Examination of $\hat{\Gamma}^{\pm}$ -exosite inhibitors against Botulinum neurotoxin A protease through structure-activity relationship studies of chicoric acid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4956-4959.	2.2	4