

Cristina Olivieri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/936809/publications.pdf>

Version: 2024-02-01

20
papers

207
citations

1039406

9
h-index

1125271

13
g-index

23
all docs

23
docs citations

23
times ranked

291
citing authors

#	ARTICLE	IF	CITATIONS
1	Cushing's syndrome driver mutation disrupts protein kinase A allosteric network, altering both regulation and substrate specificity. <i>Science Advances</i> , 2019, 5, eaaw9298.	4.7	43
2	Defective internal allosteric network imparts dysfunctional ATP/substrate-binding cooperativity in oncogenic chimera of protein kinase A. <i>Communications Biology</i> , 2021, 4, 321.	2.0	21
3	Structure and membrane interactions of chionodracine, a piscidin-like antimicrobial peptide from the icefish <i>Chionodraco hamatus</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 1285-1293.	1.4	17
4	Multi-state recognition pathway of the intrinsically disordered protein kinase inhibitor by protein kinase A. <i>ELife</i> , 2020, 9, .	2.8	16
5	Fish-derived antimicrobial peptides: Activity of a chionodracine mutant against bacterial models and human bacterial pathogens. <i>Developmental and Comparative Immunology</i> , 2019, 96, 9-17.	1.0	15
6	Enhancing the sensitivity of multidimensional NMR experiments by using triply-compensated π pulses. <i>Journal of Biomolecular NMR</i> , 2017, 69, 237-243.	1.6	13
7	Design and characterization of chionodracine-derived antimicrobial peptides with enhanced activity against drug-resistant human pathogens. <i>RSC Advances</i> , 2018, 8, 41331-41346.	1.7	13
8	CHESPA/CHESCA-SPARKY: automated NMR data analysis plugins for SPARKY to map protein allostery. <i>Bioinformatics</i> , 2021, 37, 1176-1177.	1.8	12
9	Simultaneous detection of intra- and inter-molecular paramagnetic relaxation enhancements in protein complexes. <i>Journal of Biomolecular NMR</i> , 2018, 70, 133-140.	1.6	9
10	Probing Protein-Protein Interactions Using Asymmetric Labeling and Carbonyl-Carbon Selective Heteronuclear NMR Spectroscopy. <i>Molecules</i> , 2018, 23, 1937.	1.7	9
11	Raf Kinase Inhibitory Protein regulates the cAMP-dependent protein kinase signaling pathway through a positive feedback loop. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	9
12	Is Disrupted Nucleotide-Substrate Cooperativity a Common Trait for Cushing's Syndrome Driving Mutations of Protein Kinase A?. <i>Journal of Molecular Biology</i> , 2021, 433, 167123.	2.0	8
13	Nanosecond-Timescale Dynamics and Conformational Heterogeneity in Human GCK Regulation and Disease. <i>Biophysical Journal</i> , 2020, 118, 1109-1118.	0.2	7
14	Structure and Function of Tryptophan-Tyrosine Dyads in Biomimetic β^2 Hairpins. <i>Journal of Physical Chemistry B</i> , 2019, 123, 2780-2791.	1.2	6
15	Templating β -amylase peptide inhibitors with organotin compounds. <i>Journal of Biological Inorganic Chemistry</i> , 2011, 16, 1197-1204.	1.1	3
16	Structural Analysis and Design of Chionodracine-Derived Peptides Using Circular Dichroism and Molecular Dynamics Simulations. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1401.	1.8	2
17	A Cushing Syndrome Mutation of Protein Kinase A β -subunit Disrupts the Internal Allosteric Network Affecting Regulation and Substrate Specificity. <i>FASEB Journal</i> , 2019, 33, 478.11.	0.2	1
18	Elucidating the Mechanism of Recognition and Binding of Protein Kinase Inhibitor by Protein Kinase a using NMR and Fluorescence Spectroscopy. <i>Biophysical Journal</i> , 2016, 110, 558a.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Intrinsically Disordered HAX-1 Regulates SERCA in a Calcium-Dependent Manner. Biophysical Journal, 2018, 114, 427a.	0.2	0
20	Inactivation Mechanism of Protein Kinase a Revealed by Markov Model. Biophysical Journal, 2018, 114, 190a.	0.2	0