

Birte Hernandez Alvarez

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

311
citations

933447

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1058476

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15
all docs

15
docs citations

15
times ranked

381
citing authors

#	ARTICLE	IF	CITATIONS
1	Thalidomide mimics uridine binding to an aromatic cage in cereblon. <i>Journal of Structural Biology</i> , 2014, 188, 225-232.	2.8	54
2	Chemical Ligand Space of Cereblon. <i>ACS Omega</i> , 2018, 3, 11163-11171.	3.5	43
3	De-Novo Design of Cereblon (CRBN) Effectors Guided by Natural Hydrolysis Products of Thalidomide Derivatives. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 6615-6629.	6.4	38
4	A new expression system for protein crystallization using trimeric coiled-coil adaptors. <i>Protein Engineering, Design and Selection</i> , 2007, 21, 11-18.	2.1	36
5	\hat{I}_{\pm}/\hat{I}^2 coiled coils. <i>ELife</i> , 2016, 5, .	6.0	27
6	Structural Dynamics of the Cereblon Ligand Binding Domain. <i>PLoS ONE</i> , 2015, 10, e0128342.	2.5	22
7	Characterization of MCU-Binding Proteins MCUR1 and CCDC90B " Representatives of a Protein Family Conserved in Prokaryotes and Eukaryotic Organelles. <i>Structure</i> , 2019, 27, 464-475.e6.	3.3	19
8	A FRET-Based Assay for the Identification and Characterization of Cereblon Ligands. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 770-774.	6.4	18
9	Your personalized protein structure: Andrei N. Lupas fused to GCN4 adaptors. <i>Journal of Structural Biology</i> , 2014, 186, 380-385.	2.8	15
10	Sweet and Blind Spots in E3 Ligase Ligand Space Revealed by a Thermophoresis-Based Assay. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 74-81.	2.8	14
11	Expanding the versatility of natural and de novo designed coiled coils and helical bundles. <i>Current Opinion in Structural Biology</i> , 2021, 68, 224-234.	5.7	8
12	Design of novel granulopoietic proteins by topological rescaffolding. <i>PLoS Biology</i> , 2020, 18, e3000919.	5.6	8
13	Structural diversity of coiled coils in protein fibers of the bacterial cell envelope. <i>International Journal of Medical Microbiology</i> , 2019, 309, 351-358.	3.6	5
14	A topological refactoring design strategy yields highly stable granulopoietic proteins. <i>Nature Communications</i> , 2022, 13, .	12.8	4