

# Andreas Lange

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9034439/publications.pdf>

Version: 2024-02-01

16  
papers

1,561  
citations

623188

14  
h-index

940134

16  
g-index

26  
all docs

26  
docs citations

26  
times ranked

2587  
citing authors

#	ARTICLE	IF	CITATIONS
1	Principles and Applications of Halogen Bonding in Medicinal Chemistry and Chemical Biology. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 1363-1388.	2.9	1,002
2	Using halogen bonds to address the protein backbone: a systematic evaluation. <i>Journal of Computer-Aided Molecular Design</i> , 2012, 26, 935-945.	1.3	86
3	Targeting the Gatekeeper MET146 of C-Jun N-Terminal Kinase 3 Induces a Bivalent Halogen/Chalcogen Bond. <i>Journal of the American Chemical Society</i> , 2015, 137, 14640-14652.	6.6	73
4	Addressing Methionine in Molecular Design through Directed Sulfur-Halogen Bonds. <i>Journal of Chemical Theory and Computation</i> , 2011, 7, 2307-2315.	2.3	49
5	Structure and function of naturally evolved de novo proteins. <i>Current Opinion in Structural Biology</i> , 2021, 68, 175-183.	2.6	49
6	Tri- and Tetrasubstituted Pyridinylimidazoles as Covalent Inhibitors of c-Jun N-Terminal Kinase 3. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 594-607.	2.9	46
7	Structural and functional characterization of a putative de novo gene in <i>Drosophila</i> . <i>Nature Communications</i> , 2021, 12, 1667.	5.8	40
8	Halogen-enriched fragment libraries as chemical probes for harnessing halogen bonding in fragment-based lead discovery. <i>Future Medicinal Chemistry</i> , 2014, 6, 617-639.	1.1	38
9	Evaluating the Potential of Halogen Bonding in Molecular Design: Automated Scaffold Decoration Using the New Scoring Function XBScore. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 687-699.	2.5	33
10	Machine Learning Estimates of Natural Product Conformational Energies. <i>PLoS Computational Biology</i> , 2014, 10, e1003400.	1.5	30
11	Scaffold Effects on Halogen Bonding Strength. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 885-894.	2.5	24
12	Targeting Histidine Side Chains in Molecular Design through Nitrogen-Halogen Bonds. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 3178-3189.	2.5	23
13	Fluorescence polarization-based assays for detecting compounds binding to inactive c-Jun N-terminal kinase 3 and p38 $\beta$ mitogen-activated protein kinase. <i>Analytical Biochemistry</i> , 2016, 503, 28-40.	1.1	22
14	Using Surface Scans for the Evaluation of Halogen Bonds toward the Side Chains of Aspartate, Asparagine, Glutamate, and Glutamine. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 1373-1383.	2.5	20
15	Small-Molecule Intervention At The Dimerization Interface Of Survivin By Novel Rigidized Scaffolds. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 4247-4263.	2.0	9
16	Heterologous expression of naturally evolved putative de novo proteins with chaperones. <i>Protein Science</i> , 2022, 31, .	3.1	8