

# Alba Nin-Hill

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6544794/publications.pdf>

Version: 2024-02-01

15  
papers

295  
citations

1039406

9  
h-index

1125271

13  
g-index

16  
all docs

16  
docs citations

16  
times ranked

469  
citing authors

#	ARTICLE	IF	CITATIONS
1	Redesigning the Coumarin Scaffold into Small Bright Fluorophores with Far-Red to Near-Infrared Emission and Large Stokes Shifts Useful for Cell Imaging. <i>Journal of Organic Chemistry</i> , 2018, 83, 1185-1195.	1.7	90
2	Rational Design of Mechanism-Based Inhibitors and Activity-Based Probes for the Identification of Retaining $\beta$ -Arabinofuranosidases. <i>Journal of the American Chemical Society</i> , 2020, 142, 4648-4662.	6.6	33
3	Long distance electron transfer through the aqueous solution between redox partner proteins. <i>Nature Communications</i> , 2018, 9, 5157.	5.8	30
4	Enzymatic Cleavage of Glycosidic Bonds. <i>Methods in Enzymology</i> , 2016, 577, 159-183.	0.4	27
5	Sequential Uncaging with Green Light can be Achieved by Fine-Tuning the Structure of a Dicyanocoumarin Chromophore. <i>ChemistryOpen</i> , 2017, 6, 375-384.	0.9	23
6	A photoswitchable GABA receptor channel blocker. <i>British Journal of Pharmacology</i> , 2019, 176, 2661-2677.	2.7	20
7	Cysteine Nucleophiles in Glycosidase Catalysis: Application of a Covalent $\beta$ -Arabinofuranosidase Inhibitor. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5754-5758.	7.2	16
8	Photocontrol of Endogenous Glycine Receptors In Vivo. <i>Cell Chemical Biology</i> , 2020, 27, 1425-1433.e7.	2.5	16
9	The Catalytic Reaction Mechanism of the $\beta$ -Galactocerebrosidase Enzyme Deficient in Krabbe Disease. <i>ACS Catalysis</i> , 2020, 10, 12091-12097.	5.5	14
10	Subunit-Specific Photocontrol of Glycine Receptors by Azobenzene-Nitrazepam Photoswitcher. <i>ENeuro</i> , 2021, 8, ENEURO.0294-20.2020.	0.9	9
11	Electrochemically Gated Long-Distance Charge Transport in Photosystem I. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13280-13284.	7.2	8
12	Photopharmacology of Ion Channels through the Light of the Computational Microscope. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12072.	1.8	6
13	Cysteine Nucleophiles in Glycosidase Catalysis: Application of a Covalent $\beta$ -Arabinofuranosidase Inhibitor. <i>Angewandte Chemie</i> , 2021, 133, 5818-5822.	1.6	3
14	Electrochemically Gated Long-Distance Charge Transport in Photosystem I. <i>Angewandte Chemie</i> , 2019, 131, 13414-13418.	1.6	0
15	Photomodulation of Inhibitory Neurotransmission. Insights from Molecular Modeling. <i>Biophysical Journal</i> , 2020, 118, 325a-326a.	0.2	0