Eike-Christian Wamhoff

List of Publications by Year
in descending order

21	898	516710 16	713466 21
papers	citations	h-index	g-index

28	28	28	1361
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Role of nanoscale antigen organization on B-cell activation probed using DNA origami. Nature Nanotechnology, 2020, 15, 716-723.	31.5	263
2	Glycomimetic, Orally Bioavailable LecB Inhibitors Block Biofilm Formation of Pseudomonas aeruginosa. Journal of the American Chemical Society, 2018, 140, 2537-2545.	13.7	97
3	A Specific, Glycomimetic Langerin Ligand for Human Langerhans Cell Targeting. ACS Central Science, 2019, 5, 808-820.	11.3	64
4	Multiplexed and high-throughput neuronal fluorescence imaging with diffusible probes. Nature Communications, 2019, 10, 4377.	12.8	63
5	Programming Structured DNA Assemblies to Probe Biophysical Processes. Annual Review of Biophysics, 2019, 48, 395-419.	10.0	56
6	Computational and Experimental Prediction of Human C-Type Lectin Receptor Druggability. Frontiers in Immunology, 2014, 5, 323.	4.8	45
7	Bioproduction of pure, kilobase-scale single-stranded DNA. Scientific Reports, 2019, 9, 6121.	3.3	39
8	Cross Reactive Material 197 glycoconjugate vaccines contain privileged conjugation sites. Scientific Reports, 2016, 6, 20488.	3.3	38
9	¹⁹F NMR-Guided Design of Glycomimetic Langerin Ligands. ACS Chemical Biology, 2016, 11, 2407-2413.	3.4	33
10	In Situ Covalent Functionalization of DNA Origami Virus-like Particles. ACS Nano, 2021, 15, 14316-14322.	14.6	29
11	Controlling Nuclease Degradation of Wireframe DNA Origami with Minor Groove Binders. ACS Nano, 2022, 16, 8954-8966.	14.6	22
12	Discovery of BAZ2A bromodomain ligands. European Journal of Medicinal Chemistry, 2017, 139, 564-572.	5.5	21
13	Increased Conformational Flexibility of a Macrocycleâ€“Receptor Complex Contributes to Reduced Dissociation Rates. Chemistry - A European Journal, 2017, 23, 16157-16161.	3.3	19
14	Asymmetrically Branched Precision Glycooligomers Targeting Langerin. Biomacromolecules, 2019, 20, 4088-4095.	5.4	19
15	Calciumâ€dependent Activation of an Allosteric Network in Langerin by Heparin Oligosaccharides. ChemBioChem, 2017, 18, 1183-1187.	2.6	18
16	Virtual screen to NMR (VS2NMR): Discovery of fragment hits for the CBP bromodomain. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2472-2478.	2.2	18
17	Rational Design of a DNAâ€Scaffolded Highâ€Affinity Binder for Langerin. Angewandte Chemie - International Edition, 2020, 59, 21016-21022.	13.8	18
18	A Remote Secondary Binding Pocket Promotes Heteromultivalent Targeting of DC-SIGN. Journal of the American Chemical Society, 2021, 143, 18977-18988.	13.7	15

#	Article	IF	Citations
19	Molecular Diversity of Glutamatergic and GABAergic Synapses from Multiplexed Fluorescence Imaging. ENeuro, 2021, 8, ENEURO.0286-20.2020.	1.9	7
20	Fragment screening ofN-acetylmannosamine kinase reveals noncarbohydrate inhibitors. Canadian Journal of Chemistry, 2016, 94, 920-926.	1.1	6
21	Rational Design of a DNAâ€Scaffolded Highâ€Affinity Binder for Langerin. Angewandte Chemie, 2020, 132, 21202-21208.	2.0	3