

# Alexander L Satz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7795698/publications.pdf>

Version: 2024-02-01

25  
papers

1,425  
citations

471509

17  
h-index

580821

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1059  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Multifaceted Hit-Finding Approach Reveals Novel LC3 Family Ligands. <i>Biochemistry</i> , 2023, 62, 633-644.	2.5	8
2	Discovery of SARS-CoV-2 main protease covalent inhibitors from a DNA-encoded library selection. <i>SLAS Discovery</i> , 2022, 27, 79-85.	2.7	19
3	DNA-encoded chemical libraries. <i>Nature Reviews Methods Primers</i> , 2022, 2, .	21.2	75
4	Triaging of DNA-Encoded Library Selection Results by High-Throughput Resynthesis of DNA-Encoded Conjugate and Affinity Selection Mass Spectrometry. <i>Bioconjugate Chemistry</i> , 2021, 32, 1001-1007.	3.6	17
5	Selections and screenings of DNA-encoded chemical libraries against enzyme and cellular targets. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 39, 127851.	2.2	15
6	DNA-Compatible Click Reaction Employing In Situ Generated Azides from Boronic Acids. <i>Current Protocols</i> , 2021, 1, e125.	2.9	4
7	Discovery of a Highly Selective BET BD2 Inhibitor from a DNA-Encoded Library Technology Screening Hit. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 10806-10833.	6.4	31
8	Off-DNA DNA-Encoded Library Affinity Screening. <i>ACS Combinatorial Science</i> , 2020, 22, 25-34.	3.8	30
9	DNA-Compatible Copper-Catalyzed Oxidative Amidation of Aldehydes with Non-Nucleophilic Arylamines. <i>Bioconjugate Chemistry</i> , 2020, 31, 2092-2097.	3.6	8
10	Synthesis of 1,2-Amino Alcohols by Photoredox-Mediated Decarboxylative Coupling of $\alpha$ -Amino Acids and DNA-Conjugated Carbonyls. <i>Organic Letters</i> , 2020, 22, 9484-9489.	4.6	30
11	Copper-Mediated DNA-Compatible One-Pot Click Reactions of Alkynes with Aryl Borates and TMS-N <sub>3</sub> . <i>Organic Letters</i> , 2020, 22, 4146-4150.	4.6	24
12	Solution-Phase DNA-Compatible Pictet-Spengler Reaction Aided by Machine Learning Building Block Filtering. <i>IScience</i> , 2020, 23, 101142.	4.1	13
13	Palladium-mediated Suzuki-Miyaura Cross-Coupling Reaction of Potassium Boc-protected aminomethyltrifluoroborate with DNA-Conjugated aryl bromides for DNA-Encoded chemical library synthesis. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 209-214.	2.1	14
14	Development of DNA-Compatible Van Leusen Three-Component Imidazole Synthesis. <i>Organic Letters</i> , 2019, 21, 9001-9004.	4.6	43
15	Activity-Based DNA-Encoded Library Screening. <i>ACS Combinatorial Science</i> , 2019, 21, 425-435.	3.8	56
16	High-Throughput Solid-Phase Building Block Synthesis for DNA-Encoded Libraries. <i>Organic Letters</i> , 2019, 21, 9353-9357.	4.6	15
17	DNA-Encoded Library-Derived DDR1 Inhibitor Prevents Fibrosis and Renal Function Loss in a Genetic Mouse Model of Alport Syndrome. <i>ACS Chemical Biology</i> , 2019, 14, 37-49.	3.4	84
18	What Do You Get from DNA-Encoded Libraries?. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 408-410.	2.8	56

#	ARTICLE	IF	CITATIONS
19	Analysis of Current DNA Encoded Library Screening Data Indicates Higher False Negative Rates for Numerically Larger Libraries. ACS Combinatorial Science, 2017, 19, 234-238.	3.8	58
20	Discovery and Characterization of a Class of Pyrazole Inhibitors of Bacterial Undecaprenyl Pyrophosphate Synthase. Journal of Medicinal Chemistry, 2016, 59, 7299-7304.	6.4	31
21	Simulated Screens of DNA Encoded Libraries: The Potential Influence of Chemical Synthesis Fidelity on Interpretation of Structure-Activity Relationships. ACS Combinatorial Science, 2016, 18, 415-424.	3.8	57
22	Analysis of the productivity of DNA encoded libraries. MedChemComm, 2016, 7, 1323-1331.	3.4	50
23	DNA Encoded Library Selections and Insights Provided by Computational Simulations. ACS Chemical Biology, 2015, 10, 2237-2245.	3.4	64
24	Discovery, SAR, and X-ray Binding Mode Study of BCATm Inhibitors from a Novel DNA-Encoded Library. ACS Medicinal Chemistry Letters, 2015, 6, 919-924.	2.8	69
25	Design, synthesis and selection of DNA-encoded small-molecule libraries. Nature Chemical Biology, 2009, 5, 647-654.	8.0	554