

# Leslie N Aldrich

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

745  
citations

623734

14  
h-index

642732

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27  
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27  
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times ranked

1415  
citing authors

#	ARTICLE	IF	CITATIONS
1	Atg16L1 is Required for Autophagy in Intestinal Epithelial Cells and Protection of Mice From Salmonella Infection. <i>Gastroenterology</i> , 2013, 145, 1347-1357.	1.3	211
2	Selective Modulation of Autophagy, Innate Immunity, and Adaptive Immunity by Small Molecules. <i>ACS Chemical Biology</i> , 2013, 8, 2724-2733.	3.4	56
3	Small-molecule enhancers of autophagy modulate cellular disease phenotypes suggested by human genetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4281-7.	7.1	56
4	The kinase DYRK1A reciprocally regulates the differentiation of Th17 and regulatory T cells. <i>ELife</i> , 2015, 4, .	6.0	48
5	Next generation diversity-oriented synthesis: a paradigm shift from chemical diversity to biological diversity. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1608-1623.	2.8	41
6	Evaluation of the Biosynthetic Proposal for the Synthesis of Marineosins A and B. <i>Organic Letters</i> , 2010, 12, 1048-1051.	4.6	37
7	Discovery of a Small-Molecule Probe for V-ATPase Function. <i>Journal of the American Chemical Society</i> , 2015, 137, 5563-5568.	13.7	36
8	Autophagy and post-ischemic conditioning in retinal ischemia. <i>Autophagy</i> , 2021, 17, 1479-1499.	9.1	34
9	Beclin 1 "ATG14L Protein" Protein Interaction Inhibitor Selectively Inhibits Autophagy through Disruption of VPS34 Complex I. <i>Journal of the American Chemical Society</i> , 2020, 142, 8174-8182.	13.7	32
10	Total synthesis and biological evaluation of tambjamine K and a library of unnatural analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 5207-5211.	2.2	31
11	Phyllanthusmin Derivatives Induce Apoptosis and Reduce Tumor Burden in High-Grade Serous Ovarian Cancer by Late-Stage Autophagy Inhibition. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 2123-2135.	4.1	24
12	Towards the Total Synthesis of Marineosin A: Construction of the Macrocyclic Pyrrole and an Advanced, Functionalized Spiroaminal Model. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4215-4218.	2.4	23
13	Discovery of Anticancer Agents of Diverse Natural Origin. <i>Journal of Natural Products</i> , 2022, 85, 702-719.	3.0	19
14	MAOS protocols for the general synthesis and lead optimization of 3,6-disubstituted-[1,2,4]triazolo[4,3-b]pyridazines. <i>Tetrahedron Letters</i> , 2009, 50, 212-215.	1.4	17
15	Discovery and Development of a Potent and Highly Selective Small Molecule Muscarinic Acetylcholine Receptor Subtype 1 (mAChR 1 or M1) Antagonist In Vitro and In Vivo Probe. <i>Current Topics in Medicinal Chemistry</i> , 2009, 9, 1217-1226.	2.1	14
16	Spiroaminal model systems of the marineosins with final step pyrrole incorporation. <i>Tetrahedron Letters</i> , 2013, 54, 2231-2234.	1.4	13
17	Systematic Diversity-Oriented Synthesis of Reduced Flavones from <sup>13</sup> C-Pyrones to Probe Biological Performance Diversity. <i>ACS Chemical Biology</i> , 2019, 14, 1536-1545.	3.4	11
18	PHY34 inhibits autophagy through V-ATPase VOA2 subunit inhibition and CAS/CSE1L nuclear cargo trafficking in high grade serous ovarian cancer. <i>Cell Death and Disease</i> , 2022, 13, 45.	6.3	10

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19	Microwave-Assisted, Asymmetric Synthesis of 3-Amino-2,3-Dihydrobenzofuran Flavonoid Derivatives from Chalcones. <i>Chemistry - A European Journal</i> , 2018, 24, 4509-4514.	3.3	9
20	Multiple Chemical Features Impact Biological Performance Diversity of a Highly Active Natural Product-Inspired Library. <i>ChemBioChem</i> , 2020, 21, 3137-3145.	2.6	8
21	Development of a High-Throughput, Compound-Multiplexed Fluorescence Polarization Assay to Identify ATG5-ATG16L1 Protein-Protein Interaction Inhibitors. <i>SLAS Discovery</i> , 2021, 26, 933-943.	2.7	6
22	Selective autophagy inhibition through disruption of the PIK3C3-containing complex I. <i>Autophagy</i> , 2020, 16, 1547-1549.	9.1	5
23	Enantioselective Synthesis of 4-Amino-3-hydroxybenzopyran Flavanol Derivatives from Chalcones. <i>Synthesis</i> , 2018, 50, 4796-4808.	2.3	4
24	Lipids lead the way. <i>Nature Chemical Biology</i> , 2019, 15, 653-654.	8.0	0