Assistâ€Prof Luca Laraia

List of Publications by Year
in descending order

46 papers	1,735 citations	304368 22 h-index	276539 41 g-index
48 all docs	48 docs citations	48 times ranked	2771 citing authors

#	Article	IF	Citations
1	Structure, function and small molecule modulation of intracellular sterol transport proteins. Bioorganic and Medicinal Chemistry, 2022, 68, 116856.	1.4	4
2	Thermal Proteome Profiling Reveals Distinct Target Selectivity for Differentially Oxidized Oxysterols. ACS Chemical Biology, 2022, 17, 1677-1684.	1.6	4
3	Thermal proteome profiling identifies the membrane-bound purinergic receptor P2X4 as a target of the autophagy inhibitor indophagolin. Cell Chemical Biology, 2021, 28, 1750-1757.e5.	2.5	22
4	Pseudo Natural Productsâ€"Chemical Evolution of Natural Product Structure. Angewandte Chemie, 2021, 133, 15837-15855.	1.6	18
5	Pseudo Natural Productsâ€"Chemical Evolution of Natural Product Structure. Angewandte Chemie - International Edition, 2021, 60, 15705-15723.	7.2	73
6	Small-Molecule Inhibitors of Reactive Oxygen Species Production. Journal of Medicinal Chemistry, 2021, 64, 5252-5275.	2.9	26
7	Small molecule probes for targeting autophagy. Nature Chemical Biology, 2021, 17, 653-664.	3.9	52
8	Unravelling the Mode of Action of Furanoheliangolides through Total Synthesis and Chemical Proteomics. ACS Central Science, 2021, 7, 923-925.	5.3	0
9	Thermal proteome profiling efficiently identifies ribosome destabilizing oxazolidinones. Tetrahedron, 2021, 87, 132118.	1.0	2
10	Identification of Inhibitors of Cholesterol Transport Proteins Through the Synthesis of a Diverse, Sterolâ€Inspired Compound Collection. Angewandte Chemie - International Edition, 2021, 60, 26755-26761.	7.2	14
11	Identification of Inhibitors of Cholesterol Transport Proteins Through the Synthesis of a Diverse, Sterolâ€Inspired Compound Collection. Angewandte Chemie, 2021, 133, 26959-26965.	1.6	2
12	Imageâ€Based Morphological Profiling Identifies a Lysosomotropic, Ironâ€Sequestering Autophagy Inhibitor. Angewandte Chemie - International Edition, 2020, 59, 5721-5729.	7.2	41
13	Phenotyping Reveals Targets of a Pseudoâ€Naturalâ€Product Autophagy Inhibitor. Angewandte Chemie, 2020, 132, 12570-12576.	1.6	19
14	Phenotyping Reveals Targets of a Pseudoâ€Naturalâ€Product Autophagy Inhibitor. Angewandte Chemie - International Edition, 2020, 59, 12470-12476.	7.2	39
15	Imageâ€Based Morphological Profiling Identifies a Lysosomotropic, Ironâ€Sequestering Autophagy Inhibitor. Angewandte Chemie, 2020, 132, 5770-5778.	1.6	11
16	Development of a Novel Cell-Permeable Proteinâ€"Protein Interaction Inhibitor for the Polo-box Domain of Polo-like Kinase 1. ACS Omega, 2020, 5, 822-831.	1.6	6
17	Principle and design of pseudo-natural products. Nature Chemistry, 2020, 12, 227-235.	6.6	134
18	Synthesis of Indomorphan Pseudoâ€Natural Product Inhibitors of Glucose Transporters GLUTâ€1 and â€3. Angewandte Chemie, 2019, 131, 17172-17181.	1.6	22

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19	Synthesis of Indomorphan Pseudoâ€Natural Product Inhibitors of Glucose Transporters GLUTâ€1 and â€3. Angewandte Chemie - International Edition, 2019, 58, 17016-17025.	7.2	61
20	The cholesterol transfer protein GRAMD1A regulates autophagosome biogenesis. Nature Chemical Biology, 2019, 15, 710-720.	3.9	59
21	Modulation of autophagy by the novel mitochondrial complex I inhibitor Authipyrin. Bioorganic and Medicinal Chemistry, 2019, 27, 2444-2448.	1.4	13
22	EU-OPENSCREEN: A Novel Collaborative Approach to Facilitate Chemical Biology. SLAS Discovery, 2019, 24, 398-413.	1.4	12
23	Discovery of the novel autophagy inhibitor aumitin that targets mitochondrial complex I. Chemical Science, 2018, 9, 3014-3022.	3.7	34
24	Bioactive Compound Collections: From Design to Target Identification. CheM, 2018, 4, 705-730.	5.8	42
25	Discovery of 2,4-dimethoxypyridines as novel autophagy inhibitors. Tetrahedron, 2018, 74, 4531-4537.	1.0	8
26	Discovery of Novel Cinchonaâ€Alkaloidâ€Inspired Oxazatwistane Autophagy Inhibitors. Angewandte Chemie - International Edition, 2017, 56, 2145-2150.	7.2	60
27	Discovery of Novel Cinchonaâ€Alkaloidâ€Inspired Oxazatwistane Autophagy Inhibitors. Angewandte Chemie, 2017, 129, 2177-2182.	1.6	21
28	Natural product inspired compound collections: evolutionary principle, chemical synthesis, phenotypic screening, and target identification. Drug Discovery Today: Technologies, 2017, 23, 75-82.	4.0	45
29	New Prodigiosin Derivatives Obtained by Mutasynthesis in Pseudomonas putida. ACS Synthetic Biology, 2017, 6, 1757-1765.	1.9	49
30	Phenotypic Identification of a Novel Autophagy Inhibitor Chemotype Targeting Lipid Kinase VPS34. Angewandte Chemie - International Edition, 2017, 56, 8153-8157.	7.2	45
31	Phenotypic Identification of a Novel Autophagy Inhibitor Chemotype Targeting Lipid Kinase VPS34. Angewandte Chemie, 2017, 129, 8265-8269.	1.6	8
32	Highly Enantioselective Catalytic Vinylogous Propargylation of Coumarins Yields a Class of Autophagy Inhibitors. Angewandte Chemie, 2017, 129, 11384-11388.	1.6	5
33	Highly Enantioselective Catalytic Vinylogous Propargylation of Coumarins Yields a Class of Autophagy Inhibitors. Angewandte Chemie - International Edition, 2017, 56, 11232-11236.	7.2	64
34	Overcoming Chemical, Biological, and Computational Challenges in the Development of Inhibitors Targeting Protein-Protein Interactions. Chemistry and Biology, 2015, 22, 689-703.	6.2	130
35	Synthesis of a novel polycyclic ring scaffold with antimitotic properties via a selective domino Heckâ€“Suzuki reaction. Chemical Science, 2015, 6, 390-396.	3.7	19
36	Functionalised staple linkages for modulating the cellular activity of stapled peptides. Chemical Science, 2014, 5, 1804-1809.	3.7	165

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37	Diversity-oriented synthesis as a tool for identifying new modulators of mitosis. Nature Communications, 2014, 5, 3155.	5.8	73
38	High Content Screening of Diverse Compound Libraries Identifies Potent Modulators of Tubulin Dynamics. ACS Medicinal Chemistry Letters, 2014, 5, 598-603.	1.3	15
39	Synthesis and biological profiling of tellimagrandin I and analogues reveals that the medium ring can significantly modulate biological activity. Organic and Biomolecular Chemistry, 2012, 10, 2590.	1.5	39
40	A two-directional strategy for the diversity-oriented synthesis of macrocyclic scaffolds. Organic and Biomolecular Chemistry, 2012, 10, 7545.	1.5	32
41	Palladiumâ€Catalysed Crossâ€Coupling of Vinyldisiloxanes with Benzylic and Allylic Halides and Sulfonates. Chemistry - A European Journal, 2012, 18, 8774-8779.	1.7	24
42	A Concise Total Synthesis of Deoxyschizandrin and Exploration of Its Antiproliferative Effects and those of Structurally Related Derivatives. Chemistry - A European Journal, 2012, 18, 3193-3198.	1.7	11
43	Vinyldisiloxanes: their synthesis, cross coupling and applications. Organic and Biomolecular Chemistry, 2011, 9, 504-515.	1.5	22
44	Chemical genetics. Chemical Society Reviews, 2011, 40, 4332.	18.7	108
45	Stereoselective Synthesis of cis- and trans-2,3-Disubstituted Tetrahydrofurans via Oxoniumâ^'Prins Cyclization: Access to the Cordigol Ring System. Organic Letters, 2010, 12, 900-903.	2.4	79
46	A Photochemical Microfluidic Reactor for Photosensitized [2+2] Cycloadditions. Synlett, 0, , .	1.0	0