Cameron R Pye

List of Publications by Year
in descending order

16	1,253	840776 11	940533 16
papers	citations	h-index	g-index

16	16	16	1873
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Geometrically Diverse Lariat Peptide Scaffolds Reveal an Untapped Chemical Space of High Membrane Permeability. Journal of the American Chemical Society, 2021, 143, 705-714.	13.7	28
2	Drugâ€Like Properties in Macrocycles above MW 1000: Backbone Rigidity versus Sideâ€Chain Lipophilicity. Angewandte Chemie - International Edition, 2020, 59, 21571-21577.	13.8	46
3	Drugâ€Like Properties in Macrocycles above MW 1000: Backbone Rigidity versus Sideâ€Chain Lipophilicity. Angewandte Chemie, 2020, 132, 21755-21761.	2.0	8
4	CycLS: Accurate, whole-library sequencing of cyclic peptides using tandem mass spectrometry. Bioorganic and Medicinal Chemistry, 2018, 26, 1232-1238.	3.0	10
5	Lipophilic Permeability Efficiency Reconciles the Opposing Roles of Lipophilicity in Membrane Permeability and Aqueous Solubility. Journal of Medicinal Chemistry, 2018, 61, 11169-11182.	6.4	115
6	Nonclassical Size Dependence of Permeation Defines Bounds for Passive Adsorption of Large Drug Molecules. Journal of Medicinal Chemistry, 2017, 60, 1665-1672.	6.4	112
7	Retrospective analysis of natural products provides insights for future discovery trends. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5601-5606.	7.1	382
8	Reply to Skinnider and Magarvey: Rates of novel natural product discovery remain high. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6273.	7.1	2
9	Passive Membrane Permeability in Cyclic Peptomer Scaffolds Is Robust to Extensive Variation in Side Chain Functionality and Backbone Geometry. Journal of Medicinal Chemistry, 2016, 59, 9503-9512.	6.4	79
10	Stereochemistry Balances Cell Permeability and Solubility in the Naturally Derived Phepropeptin Cyclic Peptides. ACS Medicinal Chemistry Letters, 2016, 7, 757-761.	2.8	56
11	A Strategy for Direct Chemical Activation of the Retinoblastoma Protein. ACS Chemical Biology, 2016, 11, 1192-1197.	3.4	2
12	Probing the Physicochemical Boundaries of Cell Permeability and Oral Bioavailability in Lipophilic Macrocycles Inspired by Natural Products. Journal of Medicinal Chemistry, 2015, 58, 4581-4589.	6.4	112
13	Going Out on a Limb: Delineating The Effects of Î²-Branching, N-Methylation, and Side Chain Size on the Passive Permeability, Solubility, and Flexibility of Sanguinamide A Analogues. Journal of Medicinal Chemistry, 2015, 58, 7409-7418.	6.4	98
14	Cell-Permeable Cyclic Peptides from Synthetic Libraries Inspired by Natural Products. Journal of the American Chemical Society, 2015, 137, 715-721.	13.7	186
15	Revisiting N-to-O Acyl Shift for Synthesis of Natural Product-like Cyclic Depsipeptides. Organic Letters, 2014, 16, 6088-6091.	4.6	11
16	Synthesis, structure, and spectroscopy of two benzil-based Î±-diimine ligands and their palladium(II) complexes. Journal of Coordination Chemistry, 2013, 66, 1350-1362.	2.2	6