

# Cameron R Pye

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4369520/publications.pdf>

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16  
papers

1,253  
citations

840776

11  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1873  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Cell-Permeable Cyclic Peptides from Synthetic Libraries Inspired by Natural Products. Journal of the American Chemical Society, 2015, 137, 715-721.	13.7	186
3	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
4	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
5	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
6	Going Out on a Limb: Delineating The Effects of $\beta$ -Branching, $\alpha$ -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
7	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
8	Stereochemistry Balances Cell Permeability and Solubility in the Naturally Derived Phepropeptin Cyclic Peptides. ACS Medicinal Chemistry Letters, 2016, 7, 757-761.	2.8	56
9	Drug-Like Properties in Macrocycles above MW 1000: Backbone Rigidity versus Side-Chain Lipophilicity. Angewandte Chemie - International Edition, 2020, 59, 21571-21577.	13.8	46
10	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
11	Revisiting N-to-O Acyl Shift for Synthesis of Natural Product-like Cyclic Depsipeptides. Organic Letters, 2014, 16, 6088-6091.	4.6	11
12	CyclS: Accurate, whole-library sequencing of cyclic peptides using tandem mass spectrometry. Bioorganic and Medicinal Chemistry, 2018, 26, 1232-1238.	3.0	10
13	Drug-Like Properties in Macrocycles above MW 1000: Backbone Rigidity versus Side-Chain Lipophilicity. Angewandte Chemie, 2020, 132, 21755-21761.	2.0	8
14	Synthesis, structure, and spectroscopy of two benzil-based $\beta$ -diimine ligands and their palladium(II) complexes. Journal of Coordination Chemistry, 2013, 66, 1350-1362.	2.2	6
15	A Strategy for Direct Chemical Activation of the Retinoblastoma Protein. ACS Chemical Biology, 2016, 11, 1192-1197.	3.4	2
16	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