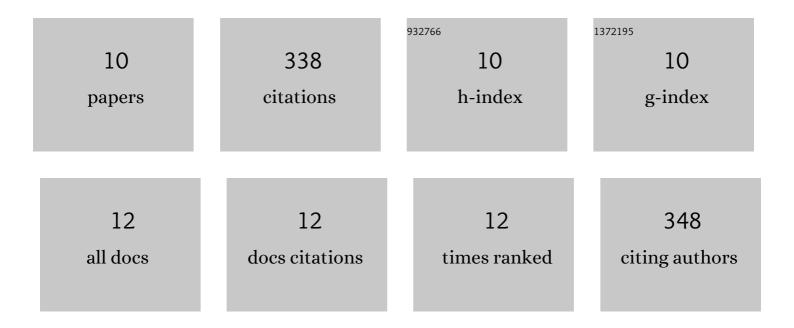
Gillian Houlihan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Exploring the Chemistry of Genetic Information Storage and Propagation through Polymerase Engineering. Accounts of Chemical Research, 2017, 50, 1079-1087.	7.6	58
2	Beyond DNA and RNA: The Expanding Toolbox of Synthetic Genetics. Cold Spring Harbor Perspectives in Biology, 2019, 11, a032490.	2.3	46
3	Random-sequence genetic oligomer pools display an innate potential for ligation and recombination. ELife, 2018, 7, .	2.8	43
4	Engineering and application of polymerases for synthetic genetics. Current Opinion in Biotechnology, 2017, 48, 168-179.	3.3	41
5	Discovery and evolution of RNA and XNA reverse transcriptase function and fidelity. Nature Chemistry, 2020, 12, 683-690.	6.6	41
6	Directed evolution of anti-HER2 DARPins by SNAP display reveals stability/function trade-offs in the selection process. Protein Engineering, Design and Selection, 2015, 28, 269-279.	1.0	26
7	An experimental framework for improved selection of binding proteins using SNAP display. Journal of Immunological Methods, 2014, 405, 47-56.	0.6	24
8	Direct Mapping of Higher-Order RNA Interactions by SHAPE-JuMP. Biochemistry, 2021, 60, 1971-1982.	1.2	24
9	Enzymatic Synthesis of Nucleic Acids with Defined Regioisomeric 2′â€5′ Linkages. Angewandte Chemie - International Edition, 2015, 54, 15570-15573.	7.2	23
10	SNAP Display - an In Vitro Method for the Selection of Protein Binders. Current Pharmaceutical Design, 2013, 19, 5421-5428.	0.9	12