

Alexander Iain Taylor

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1285277/publications.pdf>

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8
papers

1,115
citations

1162367

8
h-index

1588620

8
g-index

10
all docs

10
docs citations

10
times ranked

1111
citing authors

#	ARTICLE	IF	CITATIONS
1	On gene silencing by the X10-23 DNAzyme. Nature Chemistry, 2022, 14, 855-858.	6.6	12
2	Discovery and evolution of RNA and XNA reverse transcriptase function and fidelity. Nature Chemistry, 2020, 12, 683-690.	6.6	41
3	A synthetic genetic polymer with an uncharged backbone chemistry based on alkyl phosphonate nucleic acids. Nature Chemistry, 2019, 11, 533-542.	6.6	69
4	Random-sequence genetic oligomer pools display an innate potential for ligation and recombination. ELife, 2018, 7, .	2.8	43
5	Directed evolution of artificial enzymes (XNAzymes) from diverse repertoires of synthetic genetic polymers. Nature Protocols, 2015, 10, 1625-1642.	5.5	40
6	Catalysts from synthetic genetic polymers. Nature, 2015, 518, 427-430.	13.7	230
7	Towards applications of synthetic genetic polymers in diagnosis and therapy. Current Opinion in Chemical Biology, 2014, 22, 79-84.	2.8	44
8	Synthetic Genetic Polymers Capable of Heredity and Evolution. Science, 2012, 336, 341-344.	6.0	635