Karin Betz

List of Publications by Year
in descending order

14	444	1040056 9	1058476 14
papers	citations	h-index	g-index

16	16	16	396
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microenvironment-Sensitive Fluorescent Nucleotide Probes from Benzofuran, Benzothiophene, and Selenophene as Substrates for DNA Polymerases. Journal of the American Chemical Society, 2022, 144, 10556-10569.	13.7	11
2	Structural Basis for The Recognition of Deaminated Nucleobases by An Archaeal DNA Polymerase. ChemBioChem, 2021, 22, 3060-3066.	2.6	1
3	The Structural Basis for Processing of Unnatural Base Pairs by DNA Polymerases. Chemistry - A European Journal, 2020, 26, 3446-3463.	3.3	29
4	Frontispiece: The Structural Basis for Processing of Unnatural Base Pairs by DNA Polymerases. Chemistry - A European Journal, 2020, 26, .	3.3	0
5	PPM1F controls integrin activity via a conserved phospho-switch. Journal of Cell Biology, 2020, 219, .	5.2	17
6	Structural Basis for Expansion of the Genetic Alphabet with an Artificial Nucleobase Pair. Angewandte Chemie - International Edition, 2017, 56, 12000-12003.	13.8	30
7	Structural Basis for the KlenTaq DNA Polymerase Catalysed Incorporation of Alkeneâ€versus Alkyneâ€Modified Nucleotides. Chemistry - A European Journal, 2017, 23, 2109-2118.	3.3	28
8	Titelbild: Strukturelle Studie zur Erweiterung des genetischen Codes durch ein artifizielles Nucleobasenpaar (Angew. Chem. 39/2017). Angewandte Chemie, 2017, 129, 11815-11815.	2.0	0
9	Strukturelle Studie zur Erweiterung des genetischen Codes durch ein artifizielles Nucleobasenpaar. Angewandte Chemie, 2017, 129, 12162-12166.	2.0	5
10	Crystal structures of ternary complexes of archaeal B-family DNA polymerases. PLoS ONE, 2017, 12, e0188005.	2.5	38
11	Structures of KOD and 9Â°N DNA Polymerases Complexed with Primer Template Duplex. ChemBioChem, 2013, 14, 1058-1062.	2.6	48
12	Structural Insights into DNA Replication without Hydrogen Bonds. Journal of the American Chemical Society, 2013, 135, 18637-18643.	13.7	72
13	KlenTaq polymerase replicates unnatural base pairs by inducing a Watson-Crick geometry. Nature Chemical Biology, 2012, 8, 612-614.	8.0	135
14	Structures of DNA Polymerases Caught Processing Sizeâ€Augmented Nucleotide Probes. Angewandte Chemie - International Edition, 2010, 49, 5181-5184.	13.8	22