

Karin Betz

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

444
citations

1040056

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h-index

1058476

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16
all docs

16
docs citations

16
times ranked

396
citing authors

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