

Bethany A Buck-Koehntop

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

432
citations

11
h-index

20
g-index

26
ext. papers

506
ext. citations

6.1
avg, IF

3.74
L-index

#	Paper	IF	Citations
18	Joining the PARty: PARP Regulation of KDM5A during DNA Repair (and Transcription?).. <i>BioEssays</i> , 2022 , e2200015	4.1	
17	Poly(ADP-ribose) binding and macroH2A mediate recruitment and functions of KDM5A at DNA lesions. <i>Journal of Cell Biology</i> , 2021 , 220,	7.3	7
16	Investigating the Mechanisms by which the Methyl-CpG Binding Protein ZBTB38 Identifies Interacting Partners and Mediates Transcription. <i>FASEB Journal</i> , 2019 , 33, 777.4	0.9	
15	CysHis Zinc Finger Methyl-CpG Binding Proteins: Getting a Handle on Methylated DNA. <i>Journal of Molecular Biology</i> , 2019 , 432, 1640-1640	6.5	5
14	The C-Terminal Zinc Fingers of ZBTB38 are Novel Selective Readers of DNA Methylation. <i>Journal of Molecular Biology</i> , 2018 , 430, 258-271	6.5	18
13	A Protein-Capsid-Based System for Cell Delivery of Selenocysteine. <i>Bioconjugate Chemistry</i> , 2018 , 29, 2332-2342	6.3	3
12	Zinc Finger Readers of Methylated DNA. <i>Molecules</i> , 2018 , 23,	4.8	31
11	Structural insights into methylated DNA recognition by the C-terminal zinc fingers of the DNA reader protein ZBTB38. <i>Journal of Biological Chemistry</i> , 2018 , 293, 19835-19843	5.4	12
10	Cell-specific Kaiso (ZBTB33) Regulation of Cell Cycle through Cyclin D1 and Cyclin E1. <i>Journal of Biological Chemistry</i> , 2016 , 291, 24538-24550	5.4	25
9	PATCh-Cap: input strategy for improving analysis of ChIP-exo data sets and beyond. <i>Nucleic Acids Research</i> , 2016 , 44, e159	20.1	8
8	On how mammalian transcription factors recognize methylated DNA. <i>Epigenetics</i> , 2013 , 8, 131-7	5.7	66
7	Molecular basis for recognition of methylated and specific DNA sequences by the zinc finger protein Kaiso. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 15229-34	11.5	80
6	Kaiso uses all three zinc fingers and adjacent sequence motifs for high affinity binding to sequence-specific and methyl-CpG DNA targets. <i>FEBS Letters</i> , 2012 , 586, 734-9	3.8	16
5	Pseudoenzymatic dealkylation of alkyltins by biological dithiols. <i>Journal of Biological Inorganic Chemistry</i> , 2009 , 14, 1219-25	3.7	6
4	Embryonic neural inducing factor churchill is not a DNA-binding zinc finger protein: solution structure reveals a solvent-exposed beta-sheet and zinc binuclear cluster. <i>Journal of Molecular Biology</i> , 2007 , 371, 1274-89	6.5	20
3	Biological chemistry of organotin compounds: Interactions and dealkylation by dithiols. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 1748-1755	2.3	41
2	Defining the intramembrane binding mechanism of sarcolipin to calcium ATPase using solution NMR spectroscopy. <i>Journal of Molecular Biology</i> , 2006 , 358, 420-9	6.5	48

- 1 Structure, dynamics, and membrane topology of stannin: a mediator of neuronal cell apoptosis induced by trimethyltin chloride. *Journal of Molecular Biology*, **2005**, 354, 652-65 6.5 46