

Bethany A Buck-Koehntop

List of Publications by Citations

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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	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
17	On how mammalian transcription factors recognize methylated DNA. <i>Epigenetics</i> , 2013 , 8, 131-7	5.7	66
16	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
15	Structure, dynamics, and membrane topology of stannin: a mediator of neuronal cell apoptosis induced by trimethyltin chloride. <i>Journal of Molecular Biology</i> , 2005 , 354, 652-65	6.5	46
14	Biological chemistry of organotin compounds: Interactions and dealkylation by dithiols. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 1748-1755	2.3	41
13	Zinc Finger Readers of Methylated DNA. <i>Molecules</i> , 2018 , 23,	4.8	31
12	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
11	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
10	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
9	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
8	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
7	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
6	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
5	Pseudoenzymatic dealkylation of alkyltins by biological dithiols. <i>Journal of Biological Inorganic Chemistry</i> , 2009 , 14, 1219-25	3.7	6
4	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
3	A Protein-Capsid-Based System for Cell Delivery of Selenocysteine. <i>Bioconjugate Chemistry</i> , 2018 , 29, 2332-2342	6.3	3
2	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	

- 1 Joining the PARty: PARP Regulation of KDM5A during DNA Repair (and Transcription?).. *BioEssays*,
2022, e2200015 4.1