

Bethany A Buck-Koehntop

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

541
citations

758635

12
h-index

940134

16
g-index

26
all docs

26
docs citations

26
times ranked

865
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 15229-15234.	3.3	101
2	On how mammalian transcription factors recognize methylated DNA. <i>Epigenetics</i> , 2013, 8, 131-137.	1.3	85
3	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, 652-665.	2.0	50
4	Defining the Intramembrane Binding Mechanism of Sarcolipin to Calcium ATPase Using Solution NMR Spectroscopy. <i>Journal of Molecular Biology</i> , 2006, 358, 420-429.	2.0	50
5	Biological chemistry of organotin compounds: Interactions and dealkylation by dithiols. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 1748-1755.	0.8	46
6	Zinc Finger Readers of Methylated DNA. <i>Molecules</i> , 2018, 23, 2555.	1.7	45
7	Cell-specific Kaiso (ZBTB33) Regulation of Cell Cycle through Cyclin D1 and Cyclin E1. <i>Journal of Biological Chemistry</i> , 2016, 291, 24538-24550.	1.6	36
8	The C-Terminal Zinc Fingers of ZBTB38 are Novel Selective Readers of DNA Methylation. <i>Journal of Molecular Biology</i> , 2018, 430, 258-271.	2.0	22
9	Embryonic Neural Inducing Factor Churchill Is not a DNA-binding Zinc Finger Protein: Solution Structure Reveals a Solvent-exposed β -Sheet and Zinc Binuclear Cluster. <i>Journal of Molecular Biology</i> , 2007, 371, 1274-1289.	2.0	21
10	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, 734-739.	1.3	17
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.	1.6	17
12	Poly(ADP-ribose) binding and macroH2A mediate recruitment and functions of KDM5A at DNA lesions. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	17
13	PATCh-Cap: input strategy for improving analysis of ChIP-exo data sets and beyond. <i>Nucleic Acids Research</i> , 2016, 44, gkw741.	6.5	12
14	Cys2His2 Zinc Finger Methyl-CpG Binding Proteins: Getting a Handle on Methylated DNA. <i>Journal of Molecular Biology</i> , 2020, 432, 1640-1660.	2.0	11
15	Pseudoenzymatic dealkylation of alkyltins by biological dithiols. <i>Journal of Biological Inorganic Chemistry</i> , 2009, 14, 1219-1225.	1.1	6
16	A Protein-Capsid-Based System for Cell Delivery of Selenocysteine. <i>Bioconjugate Chemistry</i> , 2018, 29, 2332-2342.	1.8	5
17	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.	0.2	0
18	Joining the PARty: PARP Regulation of KDM5A during DNA Repair (and Transcription?). <i>BioEssays</i> , 2022, 44, e2200015.	1.2	0