

Duane D Winkler

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,035
citations

516710

16
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

1588
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional and Structural Analysis of the Toxin-Binding Site of the Cadherin G-Protein-Coupled Receptor, BT-R1, for Cry1A Toxins of <i>Bacillus thuringiensis</i> . <i>Biochemistry</i> , 2022, 61, 752-766.	2.5	3
2	The copper chaperone CCS facilitates copper binding to MEK1/2 to promote kinase activation. <i>Journal of Biological Chemistry</i> , 2021, 297, 101314.	3.4	21
3	Copper Sources for Sod1 Activation. <i>Antioxidants</i> , 2020, 9, 500.	5.1	21
4	Mutations in Superoxide Dismutase 1 (Sod1) Linked to Familial Amyotrophic Lateral Sclerosis Can Disrupt High-Affinity Zinc-Binding Promoted by the Copper Chaperone for Sod1 (Ccs). <i>Molecules</i> , 2020, 25, 1086.	3.8	19
5	Using FRET to measure the time it takes for a cell to destroy a virus. <i>Nanoscale</i> , 2020, 12, 9124-9132.	5.6	6
6	Copper-zinc superoxide dismutase (Sod1) activation terminates interaction between its copper chaperone (Ccs) and the cytosolic metal-binding domain of the copper importer Ctr1. <i>BioMetals</i> , 2019, 32, 695-705.	4.1	27
7	The yeast copper chaperone for copper-zinc superoxide dismutase (CCS1) is a multifunctional chaperone promoting all levels of SOD1 maturation. <i>Journal of Biological Chemistry</i> , 2019, 294, 1956-1966.	3.4	22
8	The Defined Toxin-binding Region of the Cadherin G-protein Coupled Receptor, BT-R1, for the Active Cry1Ab Toxin of <i>Bacillus thuringiensis</i> . <i>Journal of Proteomics and Bioinformatics</i> , 2018, 11, 201-210.	0.4	8
9	Quantifying the Interaction between Copper-Zinc Superoxide Dismutase (Sod1) and its Copper Chaperone (Ccs1). <i>Journal of Proteomics and Bioinformatics</i> , 2018, 11, .	0.4	16
10	Interaction of Fluorescently Labeled Cadherin G Protein-coupled Receptor with the Cry1Ab Toxin of <i>Bacillus thuringiensis</i> . <i>Journal of Proteomics and Bioinformatics</i> , 2018, 11, .	0.4	4
11	Copper-zinc superoxide dismutase is activated through a sulfenic acid intermediate at a copper ion entry site. <i>Journal of Biological Chemistry</i> , 2017, 292, 12025-12040.	3.4	48
12	Oxygen-dependent activation of Cu,Zn-superoxide dismutase-1. <i>Metallomics</i> , 2017, 9, 1047-1059.	2.4	38
13	Fluorescent Functionalization across Quaternary Structure in a Virus-like Particle. <i>Bioconjugate Chemistry</i> , 2017, 28, 2277-2283.	3.6	17
14	Yeast CAF-1 assembles histone (H3-H4) 2 tetramers prior to DNA deposition. <i>Nucleic Acids Research</i> , 2017, 45, 9811-9812.	14.5	3
15	Aggregation-triggering segments of SOD1 fibril formation support a common pathway for familial and sporadic ALS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 197-201.	7.1	122
16	Quantifying Chromatin-Associated Interactions. <i>Methods in Enzymology</i> , 2012, 512, 243-274.	1.0	28
17	Yeast CAF-1 assembles histone (H3-H4)2 tetramers prior to DNA deposition. <i>Nucleic Acids Research</i> , 2012, 40, 10139-10149.	14.5	66
18	The Histone Chaperone FACT: Structural Insights and Mechanisms for Nucleosome Reorganization. <i>Journal of Biological Chemistry</i> , 2011, 286, 18369-18374.	3.4	181

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19	Histone Chaperone FACT Coordinates Nucleosome Interaction through Multiple Synergistic Binding Events. <i>Journal of Biological Chemistry</i> , 2011, 286, 41883-41892.	3.4	129
20	Disrupted Zinc-Binding Sites in Structures of Pathogenic SOD1 Variants D124V and H80R. <i>Biochemistry</i> , 2010, 49, 5714-5725.	2.5	50
21	Role of mutant SOD1 disulfide oxidation and aggregation in the pathogenesis of familial ALS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7774-7779.	7.1	159
22	Structural and Biophysical Properties of the Pathogenic SOD1 Variant H46R/H48Q. <i>Biochemistry</i> , 2009, 48, 3436-3447.	2.5	45