Jin Hae Kim

List of Publications by Year
in descending order

19	765	623188 14	794141 19
papers	citations	h-index	g-index

19	19	19	811
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dynamical Structures of Hsp70 and Hsp70-Hsp40 Complexes. Structure, 2016, 24, 1014-1030.	1.6	91
2	[2Fe-2S]-Ferredoxin Binds Directly to Cysteine Desulfurase and Supplies an Electron for Ironâ€“Sulfur Cluster Assembly but Is Displaced by the Scaffold Protein or Bacterial Frataxin. Journal of the American Chemical Society, 2013, 135, 8117-8120.	6.6	88
3	Structure and Dynamics of the Ironâ^'Sulfur Cluster Assembly Scaffold Protein IscU and Its Interaction with the Cochaperone HscB. Biochemistry, 2009, 48, 6062-6071.	1.2	82
4	Disordered form of the scaffold protein IscU is the substrate for iron-sulfur cluster assembly on cysteine desulfurase. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 454-459.	3.3	70
5	Metamorphic protein IscU alternates conformations in the course of its role as the scaffold protein for ironâ€“sulfur cluster biosynthesis and delivery. FEBS Letters, 2013, 587, 1172-1179.	1.3	70
6	Role of IscX in Ironâ€“Sulfur Cluster Biogenesis in Escherichia coli. Journal of the American Chemical Society, 2014, 136, 7933-7942.	6.6	53
7	Human Mitochondrial Chaperone (mtHSP70) and Cysteine Desulfurase (NFS1) Bind Preferentially to the Disordered Conformation, Whereas Co-chaperone (HSC20) Binds to the Structured Conformation of the Iron-Sulfur Cluster Scaffold Protein (ISCU). Journal of Biological Chemistry, 2013, 288, 28755-28770.	1.6	50
8	Mechanistic basis for the recognition of a misfolded protein by the molecular chaperone Hsp90. Nature Structural and Molecular Biology, 2017, 24, 407-413.	3.6	44
9	Specialized Hsp70 Chaperone (HscA) Binds Preferentially to the Disordered Form, whereas J-protein (HscB) Binds Preferentially to the Structured Form of the Iron-Sulfur Cluster Scaffold Protein (IscU). Journal of Biological Chemistry, 2012, 287, 31406-31413.	1.6	41
10	Three-Dimensional Structure and Determinants of Stability of the Ironâ€“Sulfur Cluster Scaffold Protein IscU from Escherichia coli. Biochemistry, 2012, 51, 5557-5563.	1.2	40
11	Tangled web of interactions among proteins involved in ironâ€“sulfur cluster assembly as unraveled by NMR, SAXS, chemical crosslinking, and functional studies. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1416-1428.	1.9	32
12	Nucleotide-Dependent Interactions within a Specialized Hsp70/Hsp40 Complex Involved in Feâ€“S Cluster Biogenesis. Journal of the American Chemical Society, 2014, 136, 11586-11589.	6.6	25
13	The Specialized Hsp70 (HscA) Interdomain Linker Binds to Its Nucleotide-Binding Domain and Stimulates ATP Hydrolysis in Both cis and trans Configurations. Biochemistry, 2014, 53, 7148-7159.	1.2	24
14	Transthyretin Misfolding, A Fatal Structural Pathogenesis Mechanism. International Journal of Molecular Sciences, 2021, 22, 4429.	1.8	17
15	Structure of Monomeric Transthyretin Carrying the Clinically Important T119M Mutation. Angewandte Chemie - International Edition, 2016, 55, 16168-16171.	7.2	15
16	pH-Induced Conformational Change of IscU at Low pH Correlates with Protonation/Deprotonation of Two Conserved Histidine Residues. Biochemistry, 2014, 53, 5290-5297.	1.2	8
17	The cytotoxicity of gallium maltolate in glioblastoma cells is enhanced by metformin through combined action on mitochondrial complex 1. Oncotarget, 2020, 11, 1531-1544.	0.8	8
18	Diphenyl-Methane Based Thyromimetic Inhibitors for Transthyretin Amyloidosis. International Journal of Molecular Sciences, 2021, 22, 3488.	1.8	5

#	Article	IF	Citations
19	Aggregation-Prone Structural Ensembles of Transthyretin Collected With Regression Analysis for NMR Chemical Shift. Frontiers in Molecular Biosciences, 2021, 8, 766830.	1.6	2