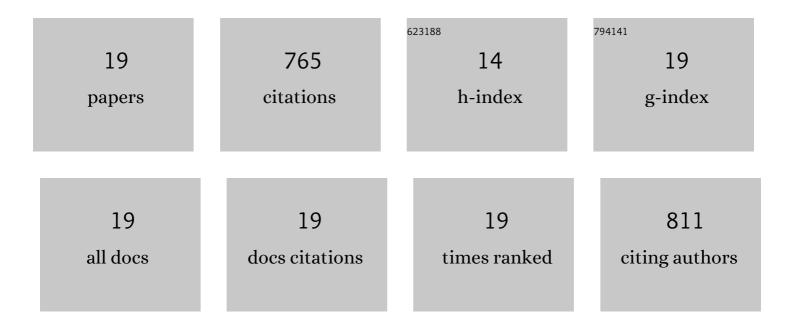
Jin Hae Kim

List of Publications by Year in descending order

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IN HAF KIM

#	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 Iron–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 iron–sulfur cluster biosynthesis and delivery. FEBS Letters, 2013, 587, 1172-1179.	1.3	70
6	Role of IscX in Iron–Sulfur Cluster Biogenesis in <i>Escherichia coli</i> . 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 Iron–Sulfur Cluster Scaffold Protein IscU from <i>Escherichia coli</i> . Biochemistry, 2012, 51, 5557-5563.	1.2	40
11	Tangled web of interactions among proteins involved in iron–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 Fe–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 <i>cis</i> and <i>trans</i> 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