

Hanseong Kim

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

733
citations

759055

12
h-index

887953

17
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22
all docs

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docs citations

22
times ranked

1129
citing authors

#	ARTICLE	IF	CITATIONS
1	Janus-faced Sestrin2 controls ROS and mTOR signalling through two separate functional domains. <i>Nature Communications</i> , 2015, 6, 10025.	5.8	122
2	Crystal Structure of <i>Escherichia coli</i> Cytidine Triphosphate Synthetase, a Nucleotide-Regulated Glutamine Amidotransferase/ATP-Dependent Amidoligase Fusion Protein and Homologue of Anticancer and Antiparasitic Drug Targets. <i>Biochemistry</i> , 2004, 43, 6447-6463.	1.2	112
3	An overview of rapamycin: from discovery to future perspectives. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 537-553.	1.4	79
4	Mechanisms of Product Feedback Regulation and Drug Resistance in Cytidine Triphosphate Synthetases from the Structure of a CTP-Inhibited Complex. <i>Biochemistry</i> , 2005, 44, 13491-13499.	1.2	71
5	A Hinge Migration Mechanism Unlocks the Evolution of Green-to-Red Photoconversion in GFP-like Proteins. <i>Structure</i> , 2015, 23, 34-43.	1.6	58
6	Mechanistic Diversity of Red Fluorescence Acquisition by GFP-like Proteins. <i>Biochemistry</i> , 2010, 49, 7417-7427.	1.2	57
7	Cryo-EM structure of the human MLL1 core complex bound to the nucleosome. <i>Nature Communications</i> , 2019, 10, 5540.	5.8	47
8	A Catalytic Trisulfide in Human Sulfide Quinone Oxidoreductase Catalyzes Coenzyme A Persulfide Synthesis and Inhibits Butyrate Oxidation. <i>Cell Chemical Biology</i> , 2019, 26, 1515-1525.e4.	2.5	41
9	A Specificity Switch in Selected Cre Recombinase Variants Is Mediated by Macromolecular Plasticity and Water. <i>Chemistry and Biology</i> , 2003, 10, 1085-1094.	6.2	31
10	MMOD-induced structural changes of hydroxylase in soluble methane monooxygenase. <i>Science Advances</i> , 2019, 5, eaax0059.	4.7	28
11	Acid-Base Catalysis and Crystal Structures of a Least Evolved Ancestral GFP-like Protein Undergoing Green-to-Red Photoconversion. <i>Biochemistry</i> , 2013, 52, 8048-8059.	1.2	25
12	Structure-based nuclear import mechanism of histones H3 and H4 mediated by Kap123. <i>ELife</i> , 2017, 6, .	2.8	18
13	Mis16 Independently Recognizes Histone H4 and the CENP-A Cnp1 -Specific Chaperone Scm3sp. <i>Journal of Molecular Biology</i> , 2015, 427, 3230-3240.	2.0	13
14	S-3-Carboxypropyl-L-cysteine specifically inhibits cystathionine β -lyase-dependent hydrogen sulfide synthesis. <i>Journal of Biological Chemistry</i> , 2019, 294, 11011-11022.	1.6	12
15	Highly photostable rylene-encapsulated polymeric nanoparticles for fluorescent labeling in biological system. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 80, 239-246.	2.9	7
16	The 1.6 Å resolution structure of a FRET-optimized Cerulean fluorescent protein. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 767-773.	2.5	6
17	Dye encapsulated polymeric nanoprobe for in vitro and in vivo fluorescence imaging in panchromatic range. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 73, 87-94.	2.9	4
18	A Hinge Migration Mechanism Unlocks the Evolution of Green-To-Red Photoconversion in GFP-Like Proteins. <i>Biophysical Journal</i> , 2015, 108, 380a-381a.	0.2	0