

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

22
docs citations

22
times ranked

1129
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | MMOD-induced structural changes of hydroxylase in soluble methane monooxygenase. <i>Science Advances</i> , 2019, 5, eaax0059. | 4.7 | 28 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Cryo-EM structure of the human MLL1 core complex bound to the nucleosome. <i>Nature Communications</i> , 2019, 10, 5540. | 5.8 | 47 |
| 7 | An overview of rapamycin: from discovery to future perspectives. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 537-553. | 1.4 | 79 |
| 8 | Structure-based nuclear import mechanism of histones H3 and H4 mediated by Kap123. <i>ELife</i> , 2017, 6, . | 2.8 | 18 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | Janus-faced Sestrin2 controls ROS and mTOR signalling through two separate functional domains. <i>Nature Communications</i> , 2015, 6, 10025. | 5.8 | 122 |
| 13 | 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 |
| 14 | 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 |
| 15 | Mechanistic Diversity of Red Fluorescence Acquisition by GFP-like Proteins. <i>Biochemistry</i> , 2010, 49, 7417-7427. | 1.2 | 57 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |