

Young Ho Jeon

List of Publications by Year in descending order

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41
papers

870
citations

686830

13
h-index

500791

28
g-index

42
all docs

42
docs citations

42
times ranked

1600
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of anchoring of OmpA protein to the cell wall peptidoglycan of the gram-negative bacterial outer membrane. <i>FASEB Journal</i> , 2012, 26, 219-228.	0.2	164
2	The structural basis for the negative regulation of thioredoxin by thioredoxin-interacting protein. <i>Nature Communications</i> , 2014, 5, 2958.	5.8	114
3	Pyrazole derived ultra-short antimicrobial peptidomimetics with potent anti-biofilm activity. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 551-564.	2.6	60
4	Structure of human PRL-3, the phosphatase associated with cancer metastasis. <i>FEBS Letters</i> , 2004, 565, 181-187.	1.3	58
5	Chemical inhibition of prometastatic lysyl-tRNA synthetase-laminin receptor interaction. <i>Nature Chemical Biology</i> , 2014, 10, 29-34.	3.9	55
6	Structure of the ArgRS-GlnRS-AIMP1 complex and its implications for mammalian translation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15084-15089.	3.3	50
7	Outer membrane protein A contributes to antimicrobial resistance of <i>Acinetobacter baumannii</i> through the OmpA-like domain. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 3012-3015.	1.3	50
8	High-resolution metabolomics to discover potential parasite-specific biomarkers in a <i>Plasmodium falciparum</i> erythrocytic stage culture system. <i>Malaria Journal</i> , 2015, 14, 122.	0.8	43
9	Structural basis of the heterodimerization of the MST and RASSF SARAH domains in the Hippo signalling pathway. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 1944-1953.	2.5	42
10	Raffinose, a plant galactoside, inhibits <i>Pseudomonas aeruginosa</i> biofilm formation via binding to LecA and decreasing cellular cyclic diguanylate levels. <i>Scientific Reports</i> , 2016, 6, 25318.	1.6	39
11	Targeting the interaction of AIMP2-DX2 with HSP70 suppresses cancer development. <i>Nature Chemical Biology</i> , 2020, 16, 31-41.	3.9	33
12	Crystal structure of fully oxidized human thioredoxin. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 218-222.	1.0	17
13	Structure-Activity Relationships of Baicalein and its Analogs as Novel TSLP Inhibitors. <i>Scientific Reports</i> , 2019, 9, 8762.	1.6	15
14	Characterization of the interaction between lysyl-tRNA synthetase and laminin receptor by NMR. <i>FEBS Letters</i> , 2014, 588, 2851-2858.	1.3	13
15	Synthesis and biological evaluation of peptide-derived TSLP inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4710-4713.	1.0	12
16	Identification of <i>Polygonum orientale</i> constituents using high-performance liquid chromatography high-resolution tandem mass spectrometry. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 15-21.	0.6	10
17	Discovery of novel potent migrastatic Thiazolo[5,4-b]pyridines targeting Lysyl-tRNA synthetase (KRS) for treatment of Cancer metastasis. <i>European Journal of Medicinal Chemistry</i> , 2021, 218, 113405.	2.6	10
18	Crystal structure of the EnvZ periplasmic domain with CHAPS. <i>FEBS Letters</i> , 2017, 591, 1419-1428.	1.3	9

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19	Interaction between human angiogenin and the p53 TAD2 domain and its implication for inhibitor discovery. <i>FEBS Letters</i> , 2017, 591, 3916-3925.	1.3	6
20	Optimization of pancreatic lipase inhibitory and antioxidant activities of <i>Ilex paraguariensis</i> by using response surface methodology. <i>Archives of Pharmacal Research</i> , 2016, 39, 946-952.	2.7	5
21	New Alkyl Phloroglucinol Derivatives from <i>Rhus trichocarpa</i> Roots and Their Cytotoxic Effects on Human Gastric Adenocarcinoma AGS Cells. <i>Planta Medica</i> , 2016, 82, 645-649.	0.7	5
22	Purification and biophysical characterization of the AIMP2-DX2 protein. <i>Protein Expression and Purification</i> , 2017, 132, 131-137.	0.6	5
23	Ligand-Mediated Folding of the OmpA Periplasmic Domain from <i>Acinetobacter baumannii</i> . <i>Biophysical Journal</i> , 2017, 112, 2089-2098.	0.2	5
24	Rational Design, Synthesis and Evaluation of Oxazolo[4,5- <i>c</i>]quinolinone Analogs as Novel Interleukin-33 Inhibitors. <i>Chemistry - an Asian Journal</i> , 2021, 16, 3702-3712.	1.7	5
25	Biophysical and electrochemical approaches for studying molecular recognition of IL-33 binding peptides identified via phage display. <i>Analytica Chimica Acta</i> , 2022, 1197, 339522.	2.6	5
26	Characterization of the sensor domain of QseE histidine kinase from <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2016, 126, 122-126.	0.6	4
27	Structure elucidation of a new triterpene from <i>Rhus trichocarpa</i> roots. <i>Magnetic Resonance in Chemistry</i> , 2017, 55, 763-766.	1.1	4
28	Analogues of Dehydroacetic Acid as Selective and Potent Agonists of an Ectopic Odorant Receptor through a Combination of Hydrophilic and Hydrophobic Interactions. <i>ChemMedChem</i> , 2017, 12, 477-482.	1.6	4
29	Fragment-based methods for the discovery of inhibitors modulating lysyl-tRNA synthetase and laminin receptor interaction. <i>Methods</i> , 2017, 113, 56-63.	1.9	4
30	Biophysical characterization of the basic cluster in the transcription repression domain of human MeCP2 with AT-rich DNA. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 145-150.	1.0	4
31	Synthesis and Biochemical Evaluation of Baicalein Prodrugs. <i>Pharmaceutics</i> , 2021, 13, 1516.	2.0	4
32	Discovery of an Interleukin 33 Inhibitor by Molecular Docking Simulation and NMR Analysis. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 117-118.	1.0	3
33	Amphipathic Small Molecule AZT Compound Displays Potent Inhibitory Effects in Cancer Cell Proliferation. <i>Pharmaceutics</i> , 2021, 13, 2071.	2.0	3
34	AIMP2-DX2 provides therapeutic interface to control KRAS-driven tumorigenesis. <i>Nature Communications</i> , 2022, 13, 2572.	5.8	3
35	C-terminal dimerization of apo-cyclic AMP receptor protein validated in solution. <i>FEBS Letters</i> , 2017, 591, 1064-1070.	1.3	2
36	Structure of neuroendocrine regulatory peptide in membrane-mimicking environments. <i>Peptide Science</i> , 2021, 113, e24206.	1.0	2

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37	The role of the KRSIK motif of human angiogenin in heparin and DNA binding. RSC Advances, 2016, 6, 82644-82647.	1.7	1
38	d-Stereoisomer preference of the OmpA-like domain of Pal in peptidoglycan of Acinetobacter baumannii. Process Biochemistry, 2017, 55, 110-115.	1.8	1
39	Lignans from Machilus thunbergii as Thymic Stromal Lymphopoietin Inhibitors. Molecules, 2021, 26, 4804.	1.7	1
40	Data on optimization of expression and purification of AIMP2-DX2 protein in Escherichia coli. Data in Brief, 2017, 11, 533-536.	0.5	0
41	Structural insight into the interaction between p53 TAD1 and AIMP2-DX2 by NMR. Biochemical and Biophysical Research Communications, 2020, 527, 831-838.	1.0	0