

Myunggi Yi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

733
citations

1040056

9
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

1009
citing authors

#	ARTICLE	IF	CITATIONS
1	Insight into the Mechanism of the Influenza A Proton Channel from a Structure in a Lipid Bilayer. <i>Science</i> , 2010, 330, 509-512.	12.6	422
2	Silver-Lactoferrin Nanocomplexes as a Potent Antimicrobial Agent. <i>Journal of the American Chemical Society</i> , 2016, 138, 7899-7909.	13.7	73
3	Fish bone peptide promotes osteogenic differentiation of MC3T3- α 1 pre-osteoblasts through upregulation of MAPKs and Smad pathways activated BMP-2 receptor. <i>Cell Biochemistry and Function</i> , 2018, 36, 137-146.	2.9	48
4	A heptameric peptide purified from <i>Spirulina</i> sp. gastrointestinal hydrolysate inhibits angiotensin I-converting enzyme- and angiotensin II-induced vascular dysfunction in human endothelial cells. <i>International Journal of Molecular Medicine</i> , 2017, 39, 1072-1082.	4.0	38
5	Dietary Probiotic Effect of <i>Lactococcus lactis</i> WFLU12 on Low-Molecular-Weight Metabolites and Growth of Olive Flounder (<i>Paralichthys olivaceus</i>). <i>Frontiers in Microbiology</i> , 2018, 9, 2059.	3.5	38
6	Functional stability of water wire carbonyl interactions in an ion channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11908-11915.	7.1	32
7	Ab initio calculations and validation of the pH-dependent structures of the His37-Trp41 quartet, the heart of acid activation and proton conductance in the M2 protein of Influenza A virus. <i>Chemical Science</i> , 2013, 4, 2776.	7.4	21
8	Target-based drug discovery through inversion of quantitative structure-drug-property relationships and molecular simulation: CA IX-sulphonamide complexes. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 1430-1443.	5.2	14
9	A 3D-Printed Polycaprolactone/Marine Collagen Scaffold Reinforced with Carbonated Hydroxyapatite from Fish Bones for Bone Regeneration. <i>Marine Drugs</i> , 2022, 20, 344.	4.6	10
10	Spontaneous Hinge-Bending Motions of Angiotensin I Converting Enzyme: Role in Activation and Inhibition. <i>Molecules</i> , 2020, 25, 1288.	3.8	9
11	Dieckol induces cell cycle arrest by down-regulating CDK2/cyclin E in response to p21/p53 activation in human tracheal fibroblasts. <i>Cell Biochemistry and Function</i> , 2022, 40, 71-78.	2.9	8
12	Both Ligands and Macromolecular Crowders Preferentially Bind to Closed Conformations of Maltose Binding Protein. <i>Biochemistry</i> , 2019, 58, 2208-2217.	2.5	7
13	Indole-6-carboxaldehyde isolated from <i>Sargassum thunbergii</i> inhibits the expression and secretion of matrix metalloproteinase-9. <i>International Journal of Molecular Medicine</i> , 2019, 44, 1979-1987.	4.0	5
14	Automated Structural Analysis and Quantitative Characterization of Scar Tissue Using Machine Learning. <i>Diagnostics</i> , 2022, 12, 534.	2.6	5
15	Analysis of the network mechanism for sea surface temperatures around the Korean Peninsula. <i>Journal of the Korean Physical Society</i> , 2012, 60, 566-569.	0.7	2
16	Multifractal measures of ions absorbed on a charged lipid membrane. <i>Journal of the Korean Physical Society</i> , 2013, 62, 845-848.	0.7	0
17	Gating Mechanism of the Voltage-Gated Proton Channel Studied by Molecular Dynamics Simulations. <i>Molecules</i> , 2022, 27, 2277.	3.8	0