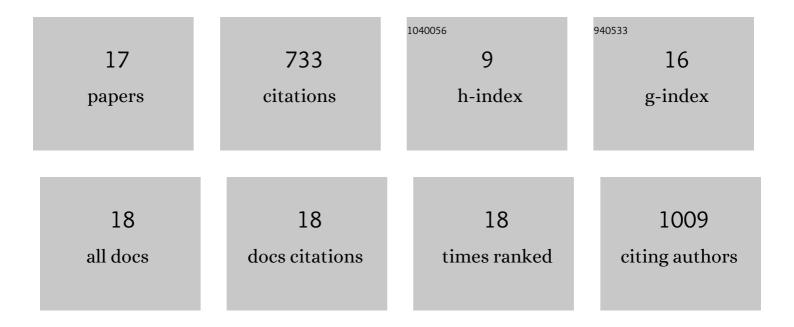
Myunggi Yi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Insight into the Mechanism of the Influenza A Proton Channel from a Structure in a Lipid Bilayer. Science, 2010, 330, 509-512.	12.6	422
2	Silver-Lactoferrin Nanocomplexes as a Potent Antimicrobial Agent. Journal of the American Chemical Society, 2016, 138, 7899-7909.	13.7	73
3	Fish bone peptide promotes osteogenic differentiation of MC3T3â€E1 preâ€osteoblasts through upregulation of MAPKs and Smad pathways activated BMPâ€2 receptor. Cell Biochemistry and Function, 2018, 36, 137-146.	2.9	48
4	A heptameric peptide purified from Spirulina sp. gastrointestinal hydrolysate inhibits angiotensin I-converting enzyme- and angiotensin II-induced vascular dysfunction in human endothelial cells. International Journal of Molecular Medicine, 2017, 39, 1072-1082.	4.0	38
5	Dietary Probiotic Effect of Lactococcus lactis WFLU12 on Low-Molecular-Weight Metabolites and Growth of Olive Flounder (Paralichythys olivaceus). Frontiers in Microbiology, 2018, 9, 2059.	3.5	38
6	Functional stability of water wire–carbonyl interactions in an ion channel. Proceedings of the National Academy of Sciences of the United States of America, 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. Chemical Science, 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. Journal of Enzyme Inhibition and Medicinal Chemistry, 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. Marine Drugs, 2022, 20, 344.	4.6	10
10	Spontaneous Hinge-Bending Motions of Angiotensin I Converting Enzyme: Role in Activation and Inhibition. Molecules, 2020, 25, 1288.	3.8	9
11	Dieckol induces cell cycle arrest by downâ€regulating <scp>CDK</scp> 2/cyclin E in response to p21/p53 activation in human tracheal fibroblasts. Cell Biochemistry and Function, 2022, 40, 71-78.	2.9	8
12	Both Ligands and Macromolecular Crowders Preferentially Bind to Closed Conformations of Maltose Binding Protein. Biochemistry, 2019, 58, 2208-2217.	2.5	7
13	Indole‑6‑carboxaldehyde isolated from Sargassum thunbergii inhibits the expression and secretion of matrix metalloproteinase‑9. International Journal of Molecular Medicine, 2019, 44, 1979-1987.	4.0	5
14	Automated Structural Analysis and Quantitative Characterization of Scar Tissue Using Machine Learning. Diagnostics, 2022, 12, 534.	2.6	5
15	Analysis of the network mechanism for sea surface temperatures around the Korean Peninsula. Journal of the Korean Physical Society, 2012, 60, 566-569.	0.7	2
16	Multifractal measures of ions absorbed on a charged lipid membrane. Journal of the Korean Physical Society, 2013, 62, 845-848.	0.7	0
17	Gating Mechanism of the Voltage-Gated Proton Channel Studied by Molecular Dynamics Simulations. Molecules, 2022, 27, 2277.	3.8	0