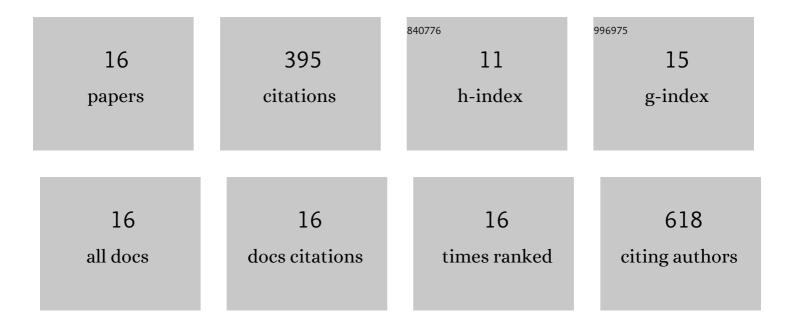
Aby A Thyparambil

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Effect of thermal treatments on the structural change and the hemostatic property of hair extracted proteins. Colloids and Surfaces B: Biointerfaces, 2020, 190, 110951.	5.0	8
2	Site of Tagging Influences the Ochratoxin Recognition by Peptide NFO4: A Molecular Dynamics Study. Journal of Chemical Information and Modeling, 2017, 57, 2035-2044.	5.4	3
3	Evaluation of Ochratoxin Recognition by Peptides Using Explicit Solvent Molecular Dynamics. Toxins, 2017, 9, 164.	3.4	6
4	Molecular Modeling and Simulation Tools in the Development of Peptide-Based Biosensors for Mycotoxin Detection: Example of Ochratoxin. Toxins, 2017, 9, 395.	3.4	12
5	Cluster analysis of molecular simulation trajectories for systems where both conformation and orientation of the sampled states are important. Journal of Computational Chemistry, 2016, 37, 1973-1982.	3.3	31
6	Experimental characterization of adsorbed protein orientation, conformation, and bioactivity. Biointerphases, 2015, 10, 019002.	1.6	67
7	Parameterization of an interfacial force field for accurate representation of peptide adsorption free energy on high-density polyethylene. Biointerphases, 2015, 10, 021002.	1.6	11
8	Evaluation of the Effectiveness of Surfactants and Denaturants to Elute and Denature Adsorbed Protein on Different Surface Chemistries. Langmuir, 2015, 31, 11814-11824.	3.5	15
9	Adsorption-Induced Changes in Ribonuclease A Structure and Enzymatic Activity on Solid Surfaces. Langmuir, 2014, 30, 14849-14858.	3.5	21
10	Protein helical structure determination using CD spectroscopy for solutions with strong background absorbance from 190 to 230nm. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 2331-2337.	2.3	94
11	Determination of orientation and adsorption-induced changes in the tertiary structure of proteins on material surfaces by chemical modification and peptide mapping. Acta Biomaterialia, 2014, 10, 2404-2414.	8.3	22
12	Quantification of the influence of protein-protein interactions on adsorbed protein structure and bioactivity. Colloids and Surfaces B: Biointerfaces, 2013, 110, 363-371.	5.0	33
13	Peptide–Surface Adsorption Free Energy Comparing Solution Conditions Ranging from Low to Medium Salt Concentrations. ChemPhysChem, 2012, 13, 3782-3785.	2.1	5
14	Development of a Tuned Interfacial Force Field Parameter Set for the Simulation of Protein Adsorption to Silica Glass. Biointerphases, 2012, 7, 56.	1.6	17
15	Determination of Peptide–Surface Adsorption Free Energy for Material Surfaces Not Conducive to SPR or QCM using AFM. Langmuir, 2012, 28, 5687-5694.	3.5	50

16 Protein Gels from Cobwebs of Spiders for Biomedical Application. , 2008, , .