Andreas Martin Lisewski

List of Publications by Year
in descending order

17 papers	**520** citations	933447 **10** h-index	940533 **16** g-index
17 all docs	**17** docs citations	**17** times ranked	**708** citing authors

#	Article	IF	Citations
1	Supergenomic Network Compression and the Discovery of EXP1 as a Glutathione Transferase Inhibited by Artesunate. Cell, 2014, 158, 916-928.	28.9	113
2	Automated hypothesis generation based on mining scientific literature. , 2014, , .		82
3	Prediction of enzyme function based on 3D templates of evolutionarily important amino acids. BMC Bioinformatics, 2008, 9, 17.	2.6	70
4	Graph sharpening plus graph integration: a synergy that improves protein functional classification. Bioinformatics, 2007, 23, 3217-3224.	4.1	57
5	Protein function prediction: towards integration of similarity metrics. Current Opinion in Structural Biology, 2011, 21, 180-188.	5.7	42
6	Recurrent use of evolutionary importance for functional annotation of proteins based on local structural similarity. Protein Science, 2006, 15, 1530-1536.	7.6	30
7	Rapid detection of similarity in protein structure and function through contact metric distances. Nucleic Acids Research, 2006, 34, e152-e152.	14.5	30
8	De-Orphaning the Structural Proteome through Reciprocal Comparison of Evolutionarily Important Structural Features. PLoS ONE, 2008, 3, e2136.	2.5	21
9	Graph sharpening. Expert Systems With Applications, 2010, 37, 7870-7879.	7.6	18
10	Accurate Protein Structure Annotation through Competitive Diffusion of Enzymatic Functions over a Network of Local Evolutionary Similarities. PLoS ONE, 2010, 5, e14286.	2.5	16
11	Untangling complex networks: Risk minimization in financial markets through accessible spin glass ground states. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 3250-3253.	2.6	11
12	Function prediction from networks of local evolutionary similarity in protein structure. BMC Bioinformatics, 2013, 14, S6.	2.6	9
13	The concept of strong and weak virtual reality. Minds and Machines, 2006, 16, 201-219.	4.8	6
14	Potential role of Plasmodium falciparum exported protein 1 in the chloroquine mode of action. International Journal for Parasitology: Drugs and Drug Resistance, 2018, 8, 31-35.	3.4	6
15	Random Amino Acid Mutations and Protein Misfolding Lead to Shannon Limit in Sequence-Structure Communication. PLoS ONE, 2008, 3, e3110.	2.5	3
16	Interim estimates in null models of COVID-19 vaccine effectiveness. International Journal of Infectious Diseases, 2021, 106, 169-170.	3.3	3
17	Effectiveness of England's initial vaccine roll out. BMJ, The, 2021, 373, n1201.	6.0	3