

# RafaÅ, Adamczak

## List of Publications by Year in descending order

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17  
papers

1,173  
citations

1040056

9  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1535  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combining prediction of secondary structure and solvent accessibility in proteins. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005, 59, 467-475.	2.6	265
2	Accurate prediction of solvent accessibility using neural networks-based regression. <i>Proteins: Structure, Function and Bioinformatics</i> , 2004, 56, 753-767.	2.6	249
3	A new methodology of extraction, optimization and application of crisp and fuzzy logical rules. <i>IEEE Transactions on Neural Networks</i> , 2001, 12, 277-306.	4.2	181
4	POLYVIEW: a flexible visualization tool for structural and functional annotations of proteins. <i>Bioinformatics</i> , 2004, 20, 2460-2462.	4.1	133
5	Linear Regression Models for Solvent Accessibility Prediction in Proteins. <i>Journal of Computational Biology</i> , 2005, 12, 355-369.	1.6	100
6	Enhanced recognition of protein transmembrane domains with prediction-based structural profiles. <i>Bioinformatics</i> , 2006, 22, 303-309.	4.1	88
7	Transcriptome of <i>Pneumocystis carinii</i> during Fulminate Infection: Carbohydrate Metabolism and the Concept of a Compatible Parasite. <i>PLoS ONE</i> , 2007, 2, e423.	2.5	58
8	Extraction of Logical Rules from Neural Networks. <i>Neural Processing Letters</i> , 1998, 7, 211-219.	3.2	39
9	Enhanced Prediction of Conformational Flexibility and Phosphorylation in Proteins. <i>Advances in Experimental Medicine and Biology</i> , 2010, 680, 307-319.	1.6	11
10	Fast Geometric Consensus Approach for Protein Model Quality Assessment. <i>Journal of Computational Biology</i> , 2011, 18, 1807-1818.	1.6	10
11	Solvent and Lipid Accessibility Prediction as a Basis for Model Quality Assessment in Soluble and Membrane Proteins. <i>Current Protein and Peptide Science</i> , 2011, 12, 563-573.	1.4	9
12	Hybrid Neural-global Minimization Method of Logical Rule Extraction. <i>Journal of Advanced Computational Intelligence and Intelligent Informatics</i> , 1999, 3, 348-356.	0.9	8
13	On the transferability of folding and threading potentials and sequence-independent filters for protein folding simulations. <i>Molecular Physics</i> , 2004, 102, 1291-1305.	1.7	7
14	Fuzzy and Crisp Logical Rule Extraction Methods in Application to Medical Data. <i>Studies in Fuzziness and Soft Computing</i> , 2000, , 593-616.	0.8	6
15	Neural Networks in Non-Euclidean Spaces. <i>Neural Processing Letters</i> , 1999, 10, 201-210.	3.2	5
16	Optimization and Interpretation of Rule-Based Classifiers. , 2000, , 1-13.		3
17	UQlust: combining profile hashing with linear-time ranking for efficient clustering and analysis of big macromolecular data. <i>BMC Bioinformatics</i> , 2016, 17, 546.	2.6	1