Slobodan Vucetic

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11212576/publications.pdf

Version: 2024-02-01

33 papers	6,185 citations	361413 20 h-index	414414 32 g-index
35 all docs	35 docs citations	35 times ranked	5730 citing authors

#	Article	IF	Citations
1	A large-scale evaluation of computational protein function prediction. Nature Methods, 2013, 10, 221-227.	19.0	789
2	Length-dependent prediction of protein intrinsic disorder. BMC Bioinformatics, 2006, 7, 208.	2.6	780
3	Functional Anthology of Intrinsic Disorder. 1. Biological Processes and Functions of Proteins with Long Disordered Regions. Journal of Proteome Research, 2007, 6, 1882-1898.	3.7	525
4	Exploiting heterogeneous sequence properties improves prediction of protein disorder. Proteins: Structure, Function and Bioinformatics, 2005, 61, 176-182.	2.6	511
5	OPTIMIZING LONG INTRINSIC DISORDER PREDICTORS WITH PROTEIN EVOLUTIONARY INFORMATION. Journal of Bioinformatics and Computational Biology, 2005, 03, 35-60.	0.8	428
6	Predicting intrinsic disorder from amino acid sequence. Proteins: Structure, Function and Bioinformatics, 2003, 53, 566-572.	2.6	415
7	Functional Anthology of Intrinsic Disorder. 3. Ligands, Post-Translational Modifications, and Diseases Associated with Intrinsically Disordered Proteins. Journal of Proteome Research, 2007, 6, 1917-1932.	3.7	369
8	Flavors of protein disorder. Proteins: Structure, Function and Bioinformatics, 2003, 52, 573-584.	2.6	340
9	An expanded evaluation of protein function prediction methods shows an improvement in accuracy. Genome Biology, 2016, 17, 184.	8.8	308
10	Protein flexibility and intrinsic disorder. Protein Science, 2004, 13, 71-80.	7.6	306
11	The CAFA challenge reports improved protein function prediction and new functional annotations for hundreds of genes through experimental screens. Genome Biology, 2019, 20, 244.	8.8	261
12	Functional Anthology of Intrinsic Disorder. 2. Cellular Components, Domains, Technical Terms, Developmental Processes, and Coding Sequence Diversities Correlated with Long Disordered Regions. Journal of Proteome Research, 2007, 6, 1899-1916.	3.7	244
13	Unfoldomics of human diseases: linking protein intrinsic disorder with diseases. BMC Genomics, 2009, 10, S7.	2.8	236
14	DisProt: a database of protein disorder. Bioinformatics, 2005, 21, 137-140.	4.1	231
15	Calmodulin signaling: Analysis and prediction of a disorder-dependent molecular recognition. Proteins: Structure, Function and Bioinformatics, 2006, 63, 398-410.	2.6	93
16	Decentralized fault detection and diagnosis via sparse PCA based decomposition and Maximum Entropy decision fusion. Journal of Process Control, 2012, 22, 738-750.	3.3	64
17	A new clustering and nomenclature for beta turns derived from high-resolution protein structures. PLoS Computational Biology, 2019, 15, e1006844.	3.2	57
18	Cold Start Approach for Data-Driven Fault Detection. IEEE Transactions on Industrial Informatics, 2013, 9, 2264-2273.	11.3	35

#	Article	IF	Citations
19	Uncertainty Analysis of Neural-Network-Based Aerosol Retrieval. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 409-414.	6.3	27
20	Classification on Data with Biased Class Distribution. Lecture Notes in Computer Science, 2001, , 527-538.	1.3	23
21	A Data-Mining Technique for Aerosol Retrieval Across Multiple Accuracy Measures. IEEE Geoscience and Remote Sensing Letters, 2010, 7, 411-415.	3.1	22
22	Travel Speed Forecasting by Means of Continuous Conditional Random Fields. Transportation Research Record, 2011, 2263, 131-139.	1.9	21
23	Socioeconomic Disparities in Colon Cancer Survival. Epidemiology, 2020, 31, 728-735.	2.7	15
24	Neural Gaussian Conditional Random Fields. Lecture Notes in Computer Science, 2014, , 614-629.	1.3	14
25	A statistical complement to deterministic algorithms for the retrieval of aerosol optical thickness from radiance data. Engineering Applications of Artificial Intelligence, 2006, 19, 787-795.	8.1	13
26	Examination of the influence of data aggregation and sampling density on spatial estimation. Water Resources Research, 2000, 36, 3721-3730.	4.2	12
27	Multifaceted analysis of training and testing convolutional neural networks for protein secondary structure prediction. PLoS ONE, 2020, 15, e0232528.	2.5	12
28	Residential Mobility and Geospatial Disparities in Colon Cancer Survival. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 2119-2125.	2.5	9
29	Measuring Neighborhood Landscapes: Associations between a Neighborhoodâ€™s Landscape Characteristics and Colon Cancer Survival. International Journal of Environmental Research and Public Health, 2021, 18, 4728.	2.6	6
30	Geographic clustering of cutaneous T-cell lymphoma in New Jersey: an exploratory analysis using residential histories. Cancer Causes and Control, 2021, 32, 989-999.	1.8	4
31	Reduction of ground-based sensor sites for spatio-temporal analysis of aerosols. , 2009, , .		2
32	Decentralized Estimation using distortion sensitive learning vector quantization. Pattern Recognition Letters, 2013, 34, 963-969.	4.2	2
33	Examining socio-spatial mobility patterns among colon cancer patients after diagnosis. SSM - Population Health, 2022, 17, 101023.	2.7	1