Slobodan Vucetic

List of Publications by Year
in descending order

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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	Examining socio-spatial mobility patterns among colon cancer patients after diagnosis. SSM - Population Health, 2022, 17, 101023.	2.7	1
2	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
3	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
4	Socioeconomic Disparities in Colon Cancer Survival. Epidemiology, 2020, 31, 728-735.	2.7	15
5	Residential Mobility and Geospatial Disparities in Colon Cancer Survival. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 2119-2125.	2.5	9
6	Multifaceted analysis of training and testing convolutional neural networks for protein secondary structure prediction. PLoS ONE, 2020, 15, e0232528.	2.5	12
7	A new clustering and nomenclature for beta turns derived from high-resolution protein structures. PLoS Computational Biology, 2019, 15, e1006844.	3.2	57
8	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
9	An expanded evaluation of protein function prediction methods shows an improvement in accuracy. Genome Biology, 2016, 17, 184.	8.8	308
10	Neural Gaussian Conditional Random Fields. Lecture Notes in Computer Science, 2014, , 614-629.	1.3	14
11	Decentralized Estimation using distortion sensitive learning vector quantization. Pattern Recognition Letters, 2013, 34, 963-969.	4.2	2
12	Cold Start Approach for Data-Driven Fault Detection. IEEE Transactions on Industrial Informatics, 2013, 9, 2264-2273.	11.3	35
13	A large-scale evaluation of computational protein function prediction. Nature Methods, 2013, 10, 221-227.	19.0	789
14	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
15	Uncertainty Analysis of Neural-Network-Based Aerosol Retrieval. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 409-414.	6.3	27
16	Travel Speed Forecasting by Means of Continuous Conditional Random Fields. Transportation Research Record, 2011, 2263, 131-139.	1.9	21
17	A Data-Mining Technique for Aerosol Retrieval Across Multiple Accuracy Measures. IEEE Geoscience and Remote Sensing Letters, 2010, 7, 411-415.	3.1	22
18	Reduction of ground-based sensor sites for spatio-temporal analysis of aerosols. , 2009, , .		2

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19	Unfoldomics of human diseases: linking protein intrinsic disorder with diseases. BMC Genomics, 2009, 10, S7.	2.8	236
20	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
21	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
22	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
23	Calmodulin signaling: Analysis and prediction of a disorder-dependent molecular recognition. Proteins: Structure, Function and Bioinformatics, 2006, 63, 398-410.	2.6	93
24	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
25	Length-dependent prediction of protein intrinsic disorder. BMC Bioinformatics, 2006, 7, 208.	2.6	780
26	Exploiting heterogeneous sequence properties improves prediction of protein disorder. Proteins: Structure, Function and Bioinformatics, 2005, 61, 176-182.	2.6	511
27	OPTIMIZING LONG INTRINSIC DISORDER PREDICTORS WITH PROTEIN EVOLUTIONARY INFORMATION. Journal of Bioinformatics and Computational Biology, 2005, 03, 35-60.	0.8	428
28	DisProt: a database of protein disorder. Bioinformatics, 2005, 21, 137-140.	4.1	231
29	Protein flexibility and intrinsic disorder. Protein Science, 2004, 13, 71-80.	7.6	306
30	Flavors of protein disorder. Proteins: Structure, Function and Bioinformatics, 2003, 52, 573-584.	2.6	340
31	Predicting intrinsic disorder from amino acid sequence. Proteins: Structure, Function and Bioinformatics, 2003, 53, 566-572.	2.6	415
32	Classification on Data with Biased Class Distribution. Lecture Notes in Computer Science, 2001, , 527-538.	1.3	23
33	Examination of the influence of data aggregation and sampling density on spatial estimation. Water Resources Research, 2000, 36, 3721-3730.	4.2	12