Slobodan Vucetic

List of Publications by Year
in descending order

43 papers	1,966 citations	687363 13 h-index	580821 25 g-index
44 all docs	44 docs citations	44 times ranked	2221 citing authors

#	Article	IF	Citations
1	Flavors of protein disorder. Proteins: Structure, Function and Bioinformatics, 2003, 52, 573-584.	2.6	340
2	An expanded evaluation of protein function prediction methods shows an improvement in accuracy. Genome Biology, 2016, 17, 184.	8.8	308
3	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
4	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
5	DisProt: a database of protein disorder. Bioinformatics, 2005, 21, 137-140.	4.1	231
6	Interpretable Representation Learning for Healthcare via Capturing Disease Progression through Time. , 2018, 2018, 43-51.		105
7	Collaborative Filtering Using a Regression-Based Approach. Knowledge and Information Systems, 2005, 7, 1-22.	3.2	70
8	A new clustering and nomenclature for beta turns derived from high-resolution protein structures. PLoS Computational Biology, 2019, 15, e1006844.	3.2	57
9	Cold Start Approach for Data-Driven Fault Detection. IEEE Transactions on Industrial Informatics, 2013, 9, 2264-2273.	11.3	35
10	Mixture Model for Multiple Instance Regression and Applications in Remote Sensing. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 2226-2237.	6.3	29
11	EHR phenotyping via jointly embedding medical concepts and words into a unified vector space. BMC Medical Informatics and Decision Making, 2018, 18, 123.	3.0	28
12	Online training on a budget of support vector machines using twin prototypes. Statistical Analysis and Data Mining, 2010, 3, 149-169.	2.8	26
13	Improving Medical Code Prediction from Clinical Text via Incorporating Online Knowledge Sources. , 2019, , .		24
14	A Data-Mining Technique for Aerosol Retrieval Across Multiple Accuracy Measures. IEEE Geoscience and Remote Sensing Letters, 2010, 7, 411-415.	3.1	22
15	A Data-Mining Approach for the Validation of Aerosol Retrievals. IEEE Geoscience and Remote Sensing Letters, 2008, 5, 113-117.	3.1	17
16	Socioeconomic Disparities in Colon Cancer Survival. Epidemiology, 2020, 31, 728-735.	2.7	15
17	Learning Vector Quantization with adaptive prototype addition and removal. , 2009, , .		13
18	Supervised clustering of label ranking data using label preference information. Machine Learning, 2013, 93, 191-225.	5.4	13

#	ARTICLE	IF	CITATIONS
19	Structure motif–centric learning framework for inorganic crystalline systems. Science Advances, 2021, 7, .	10.3	13
20	Joint learning of representations of medical concepts and words from EHR data. , 2017, 2017, 764-769.		11
21	Twin Vector Machines for Online Learning on a Budget. , 2009, , .		10
22	Gaussian Conditional Random Fields for Aggregation of Operational Aerosol Retrievals. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 761-765.	3.1	10
23	Regression Learning Vector Quantization. , 2009, , .		9
24	Residential Mobility and Geospatial Disparities in Colon Cancer Survival. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 2119-2125.	2.5	9
25	Medical Concept Representation Learning from Multi-source Data. , 2019, 2019, 4897-4903.		8
26	Compressed Kernel Perceptrons. , 2009, , .		6
27	Measuring Neighborhood Landscapes: Associations between a Neighborhood's Landscape Characteristics and Colon Cancer Survival. International Journal of Environmental Research and Public Health, 2021, 18, 4728.	2.6	6
28	Study of the Influence of Non-Deposit Locations in Data-Driven Mineral Prospectivity Mapping: A Case Study on the Iskut Project in Northwestern British Columbia, Canada. Minerals (Basel, Switzerland), 2021, 11, 597.	2.0	6
29	A connectivity-based popularity prediction approach for social networks. , 2012, , .		5
30	A Reservoir Sampling Algorithm with Adaptive Estimation of Conditional Expectation. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	4
31	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
32	Improving medical term embeddings using UMLS Metathesaurus. BMC Medical Informatics and Decision Making, 2022, 22, 114.	3.0	4
33	A Multi-task Feature Selection Filter for Microarray Classification. , 2009, , .		3
34	Efficient Visualization of Large-Scale Data Tables through Reordering and Entropy Minimization. , 2013, , .		3
35	Enhancing Disaster Situational Awareness via Automated Summary Dissemination of Social Media Content. , 2018, , .		3
36	Sample Efficient Decentralized Stochastic Frank-Wolfe Methods for Continuous DR-Submodular Maximization. , 2021, , .		3

#	Article	IF	Citations
37	Improving Word Embeddings through Iterative Refinement of Word- and Character-level Models. , 2020, , .		3
38	Reducing Need for Collocated Ground and Satellite based Observations in Statistical Aerosol Optical Depth Estimation. , 2008, , .		2
39	Tighter Perceptron with improved dual use of cached data for model representation and validation. , 2009, , .		2
40	Decentralized Estimation Using Learning Vector Quantization. , 2009, , .		1
41	Active Selection of Sensor Sites in Remote Sensing Applications. , 2009, , .		1
42	Statistical inference for natural language processing algorithms with a demonstration using type 2 diabetes prediction from electronic health record notes. Biometrics, 2021, 77, 1089-1100.	1.4	1
43	Examining socio-spatial mobility patterns among colon cancer patients after diagnosis. SSM - Population Health, 2022, 17, 101023.	2.7	1