# Slobodan Vucetic

## List of Publications by Year
in descending order

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|---|---|---|---|
| 43<br>papers | 1,966<br>citations | 687363<br>13<br>h-index | 580821<br>25<br>g-index |
| 44<br>all docs | 44<br>docs citations | 44<br>times ranked | 2221<br>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 | Improving medical term embeddings using UMLS Metathesaurus. BMC Medical Informatics and Decision Making, 2022, 22, 114. | 3.0 | 4 |
| 3 | 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 |
| 4 | Structure motif–centric learning framework for inorganic crystalline systems. Science Advances, 2021, 7, . | 10.3 | 13 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Sample Efficient Decentralized Stochastic Frank-Wolfe Methods for Continuous DR-Submodular Maximization. , 2021, , . | | 3 |
| 9 | Socioeconomic Disparities in Colon Cancer Survival. Epidemiology, 2020, 31, 728-735. | 2.7 | 15 |
| 10 | Residential Mobility and Geospatial Disparities in Colon Cancer Survival. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 2119-2125. | 2.5 | 9 |
| 11 | Improving Word Embeddings through Iterative Refinement of Word- and Character-level Models. , 2020, , . | | 3 |
| 12 | Improving Medical Code Prediction from Clinical Text via Incorporating Online Knowledge Sources. , 2019, , . | | 24 |
| 13 | A new clustering and nomenclature for beta turns derived from high-resolution protein structures. PLoS Computational Biology, 2019, 15, e1006844. | 3.2 | 57 |
| 14 | 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 |
| 15 | Medical Concept Representation Learning from Multi-source Data. , 2019, 2019, 4897-4903. | | 8 |
| 16 | Enhancing Disaster Situational Awareness via Automated Summary Dissemination of Social Media Content. , 2018, , . | | 3 |
| 17 | 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 |
| 18 | Interpretable Representation Learning for Healthcare via Capturing Disease Progression through Time. , 2018, 2018, 43-51. | | 105 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Joint learning of representations of medical concepts and words from EHR data. , 2017, 2017, 764-769. | | 11 |
| 20 | An expanded evaluation of protein function prediction methods shows an improvement in accuracy. Genome Biology, 2016, 17, 184. | 8.8 | 308 |
| 21 | Gaussian Conditional Random Fields for Aggregation of Operational Aerosol Retrievals. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 761-765. | 3.1 | 10 |
| 22 | Supervised clustering of label ranking data using label preference information. Machine Learning, 2013, 93, 191-225. | 5.4 | 13 |
| 23 | Cold Start Approach for Data-Driven Fault Detection. IEEE Transactions on Industrial Informatics, 2013, 9, 2264-2273. | 11.3 | 35 |
| 24 | Efficient Visualization of Large-Scale Data Tables through Reordering and Entropy Minimization. , 2013, , . | | 3 |
| 25 | A connectivity-based popularity prediction approach for social networks. , 2012, , . | | 5 |
| 26 | 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 |
| 27 | A Data-Mining Technique for Aerosol Retrieval Across Multiple Accuracy Measures. IEEE Geoscience and Remote Sensing Letters, 2010, 7, 411-415. | 3.1 | 22 |
| 28 | Online training on a budget of support vector machines using twin prototypes. Statistical Analysis and Data Mining, 2010, 3, 149-169. | 2.8 | 26 |
| 29 | Twin Vector Machines for Online Learning on a Budget. , 2009, , . | | 10 |
| 30 | Decentralized Estimation Using Learning Vector Quantization. , 2009, , . | | 1 |
| 31 | Tighter Perceptron with improved dual use of cached data for model representation and validation. , 2009, , . | | 2 |
| 32 | Regression Learning Vector Quantization. , 2009, , . | | 9 |
| 33 | Compressed Kernel Perceptrons. , 2009, , . | | 6 |
| 34 | Learning Vector Quantization with adaptive prototype addition and removal. , 2009, , . | | 13 |
| 35 | Active Selection of Sensor Sites in Remote Sensing Applications. , 2009, , . | | 1 |
| 36 | A Multi-task Feature Selection Filter for Microarray Classification. , 2009, , . | | 3 |

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| 37 | A Data-Mining Approach for the Validation of Aerosol Retrievals. IEEE Geoscience and Remote Sensing Letters, 2008, 5, 113-117. | 3.1 | 17 |
| 38 | Reducing Need for Collocated Ground and Satellite based Observations in Statistical Aerosol Optical Depth Estimation. , 2008, , . | | 2 |
| 39 | A Reservoir Sampling Algorithm with Adaptive Estimation of Conditional Expectation. Neural Networks (IJCNN), International Joint Conference on, 2007, , . | 0.0 | 4 |
| 40 | 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 |
| 41 | Collaborative Filtering Using a Regression-Based Approach. Knowledge and Information Systems, 2005, 7, 1-22. | 3.2 | 70 |
| 42 | DisProt: a database of protein disorder. Bioinformatics, 2005, 21, 137-140. | 4.1 | 231 |
| 43 | Flavors of protein disorder. Proteins: Structure, Function and Bioinformatics, 2003, 52, 573-584. | 2.6 | 340 |