Goran Nenadic

List of Publications by Year
in descending order

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110 papers	3,140 citations	236925 25 h-index	182427 51 g-index
129 all docs	129 docs citations	129 times ranked	3769 citing authors

#	Article	IF	Citations
1	Machine learning methods for wind turbine condition monitoring: A review. Renewable Energy, 2019, 133, 620-635.	8.9	487
2	LINNAEUS: A species name identification system for biomedical literature. BMC Bioinformatics, 2010, 11, 85.	2.6	232
3	Term identification in the biomedical literature. Journal of Biomedical Informatics, 2004, 37, 512-526.	4.3	216
4	Text mining of cancer-related information: Review of current status and future directions. International Journal of Medical Informatics, 2014, 83, 605-623.	3.3	171
5	Clinical Text Data in Machine Learning: Systematic Review. JMIR Medical Informatics, 2020, 8, e17984.	2.6	168
6	#WhyWeTweetMH: Understanding Why People Use Twitter to Discuss Mental Health Problems. Journal of Medical Internet Research, 2017, 19, e107.	4.3	163
7	Bias in the reporting of sex and age in biomedical research on mouse models. ELife, 2016, 5, .	6.0	84
8	A Text Mining Approach to the Prediction of Disease Status from Clinical Discharge Summaries. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 596-600.	4.4	74
9	Combining rules and machine learning for extraction of temporal expressions and events from clinical narratives. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 859-866.	4.4	69
10	Data and systems for medication-related text classification and concept normalization from Twitter: insights from the Social Media Mining for Health (SMM4H)-2017 shared task. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 1274-1283.	4.4	67
11	The pain interactome: Connecting pain-specific protein interactions. Pain, 2014, 155, 2243-2252.	4.2	65
12	The GNAT library for local and remote gene mention normalization. Bioinformatics, 2011, 27, 2769-2771.	4.1	63
13	Medication information extraction with linguistic pattern matching and semantic rules. Journal of the American Medical Informatics Association: JAMIA, 2010, 17, 532-535.	4.4	55
14	Combining knowledge- and data-driven methods for de-identification of clinical narratives. Journal of Biomedical Informatics, 2015, 58, S53-S59.	4.3	51
15	A Survey of Bioinformatics Database and Software Usage through Mining the Literature. PLoS ONE, 2016, 11, e0157989.	2.5	47
16	BioContext: an integrated text mining system for large-scale extraction and contextualization of biomolecular events. Bioinformatics, 2012, 28, 2154-2161.	4.1	45
17	Mining protein function from text using term-based support vector machines. BMC Bioinformatics, 2005, 6, S22.	2.6	43
18	A Parallel Distributed Weka Framework for Big Data Mining Using Spark. , 2015, , .		40

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19	Extracting useful software development information from mobile application reviews: A survey of intelligent mining techniques and tools. Expert Systems With Applications, 2018, 113, 186-199.	7.6	35
20	A framework for information extraction from tables in biomedical literature. International Journal on Document Analysis and Recognition, 2019, 22, 55-78.	3.4	35
21	Terminology-driven mining of biomedical literature. Bioinformatics, 2003, 19, 938-943.	4.1	33
22	pubmed2ensembl: A Resource for Mining the Biological Literature on Genes. PLoS ONE, 2011, 6, e24716.	2.5	33
23	Terminology-driven literature mining and knowledge acquisition in biomedicine. International Journal of Medical Informatics, 2002, 67, 33-48.	3.3	32
24	Should free-text data in electronic medical records be shared for research? A citizensâ€™ jury study in the UK. Journal of Medical Ethics, 2020, 46, 367-377.	1.8	31
25	Modelling and extraction of variability in free-text medication prescriptions from an anonymised primary care electronic medical record research database. BMC Medical Informatics and Decision Making, 2015, 16, 18.	3.0	29
26	Deep learning meets ontologies: experiments to anchor the cardiovascular disease ontology in the biomedical literature. Journal of Biomedical Semantics, 2018, 9, 13.	1.6	28
27	Automated Analysis of Domestic Violence Police Reports to Explore Abuse Types and Victim Injuries: Text Mining Study. Journal of Medical Internet Research, 2019, 21, e13067.	4.3	27
28	Decision support systems for clinical radiological practice â€" towards the next generation. British Journal of Radiology, 2010, 83, 904-914.	2.2	26
29	Extraction of temporal relations from clinical free text: A systematic review of current approaches. Journal of Biomedical Informatics, 2020, 108, 103488.	4.3	26
30	Automatic Extraction of Mental Health Disorders From Domestic Violence Police Narratives: Text Mining Study. Journal of Medical Internet Research, 2018, 20, e11548.	4.3	26
31	Using local lexicalized rules to identify heart disease risk factors in clinical notes. Journal of Biomedical Informatics, 2015, 58, S183-S188.	4.3	24
32	Automatic mining of symptom severity from psychiatric evaluation notes. International Journal of Methods in Psychiatric Research, 2018, 27, e1602.	2.1	24
33	bioNerDS: exploring bioinformaticsâ€™ database and software use through literature mining. BMC Bioinformatics, 2013, 14, 194.	2.6	23
34	Frequent discussion of insomnia and weight gain with glucocorticoid therapy: an analysis of Twitter posts. Npj Digital Medicine, 2018, 1, .	10.9	23
35	Mapping biological process relationships and disease perturbations within a pathway network. Npj Systems Biology and Applications, 2018, 4, 22.	3.0	21
36	Using set theory to reduce redundancy in pathway sets. BMC Bioinformatics, 2018, 19, 386.	2.6	20

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37	Terminology-driven mining of biomedical literature. , 2003, , .		19
38	Biomedical Semantics: the Hub for Biomedical Research 2.0. Journal of Biomedical Semantics, 2010, 1, 1.	1.6	19
39	Mining methodologies from NLP publications: A case study in automatic terminology recognition. Computer Speech and Language, 2012, 26, 105-126.	4.3	19
40	Mining term similarities from corpora. Terminology, 2004, 10, 55-80.	0.3	18
41	Towards semi-automated curation: using text mining to recreate the HIV-1, human protein interaction database. Database: the Journal of Biological Databases and Curation, 2012, 2012, bas023.	3.0	18
42	PathNER: a tool for systematic identification of biological pathway mentions in the literature. BMC Systems Biology, 2013, 7, S2.	3.0	18
43	Mining semantically related terms from biomedical literature. ACM Transactions on Asian Language Information Processing, 2006, 5, 22-43.	0.8	16
44	Mining characteristics of epidemiological studies from Medline: a case study in obesity. Journal of Biomedical Semantics, 2014, 5, 22.	1.6	15
45	Toward the Development of Data Governance Standards for Using Clinical Free-Text Data in Health Research: Position Paper. Journal of Medical Internet Research, 2020, 22, e16760.	4.3	15
46	Selecting text features for gene name classification. , 2003, , .		14
47	Identification of transcription factor contexts in literature using machine learning approaches. BMC Bioinformatics, 2008, 9, S11.	2.6	14
48	Cataloging the biomedical world of pain through semi-automated curation of molecular interactions. Database: the Journal of Biological Databases and Curation, 2013, 2013, bat033.	3.0	14
49	Detecting bursty terms in computer science research. Scientometrics, 2020, 122, 681-699.	3.0	13
50	Disentangling the Structure of Tables inÂScientific Literature. Lecture Notes in Computer Science, 2016, , 162-174.	1.3	13
51	Real-world effectiveness, its predictors and onset of action of cholinesterase inhibitors and memantine in dementia: retrospective health record study. British Journal of Psychiatry, 2021, 218, 261-267.	2.8	12
52	Using domain-specific verbs for term classification. , 2003, , .		11
53	Challenges in Clinical Named Entity Recognition for Decision Support. , 2013, , .		11
54	Molecular profiling of thyroid cancer subtypes using large-scale text mining. BMC Medical Genomics, 2014, 7, S3.	1.5	10

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55	Extracting patterns of database and software usage from the bioinformatics literature. Bioinformatics, 2014, 30, i601-i608.	4.1	9
56	Constructing a molecular interaction network for thyroid cancer via large-scale text mining of gene and pathway events. BMC Systems Biology, 2015, 9, S5.	3.0	9
57	Disentangling the multigenic and pleiotropic nature of molecular function. BMC Systems Biology, 2015, 9, S3.	3.0	9
58	Learning to identify Protected Health Information by integrating knowledge- and data-driven algorithms: A case study on psychiatric evaluation notes. Journal of Biomedical Informatics, 2017, 75, S28-S33.	4.3	9
59	Identification of herbal categories active in pain disorder subtypes by machine learning help reveal novel molecular mechanisms of algesia. Pharmacological Research, 2020, 156, 104797.	7.1	9
60	Prevalence of Mental Illnesses in Domestic Violence Police Records: Text Mining Study. Journal of Medical Internet Research, 2020, 22, e23725.	4.3	9
61	A Bayesian Association Rule Mining Algorithm. , 2013, , .		8
62	Public Perspectives of Using Social Media Data to Improve Adverse Drug Reaction Reporting: A Mixed-Methods Study. Drug Safety, 2021, 44, 553-564.	3.2	8
63	Attention-based bidirectional long short-term memory networks for extracting temporal relationships from clinical discharge summaries. Journal of Biomedical Informatics, 2021, 123, 103915.	4.3	8
64	Surveillance of Domestic Violence Using Text Mining Outputs From Australian Police Records. Frontiers in Psychiatry, 2021, 12, 787792.	2.6	8
65	Towards Automatic Memory Tuning for In-Memory Big Data Analytics in Clusters. , 2016, , .		7
66	Extracting Drug Names and Associated Attributes From Discharge Summaries: Text Mining Study. JMIR Medical Informatics, 2021, 9, e24678.	2.6	7
67	Supervised Learning of Term Similarities. Lecture Notes in Computer Science, 2002, , 429-434.	1.3	7
68	Using topic modelling for unsupervised annotation of electronic health records to identify an outbreak of disease in UK dogs. PLoS ONE, 2021, 16, e0260402.	2.5	7
69	Mining Biomedical Abstracts: Whatâ€™s in a Term?. Lecture Notes in Computer Science, 2005, , 797-806.	1.3	6
70	Ambiguity and variability of database and software names in bioinformatics. Journal of Biomedical Semantics, 2015, 6, 29.	1.6	6
71	Exploring semantic deep learning for building reliable and reusable one health knowledge from PubMed systematic reviews and veterinary clinical notes. Journal of Biomedical Semantics, 2019, 10, 22.	1.6	6
72	Patient discussions of glucocorticoid-related side effects within an online health community forum. Annals of the Rheumatic Diseases, 2020, 79, 1121-1122.	0.9	6

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73	Assigning roles to protein mentions: The case of transcription factors. Journal of Biomedical Informatics, 2009, 42, 887-894.	4.3	5
74	Mining semantic networks of bioinformatics e-resources from the literature. Journal of Biomedical Semantics, 2011, 2, S4.	1.6	5
75	Temporal expression extraction with extensive feature type selection and a posteriori label adjustment. Data and Knowledge Engineering, 2015, 100, 19-33.	3.4	5
76	Wind Turbine operational state prediction: towards featureless, end-to-end predictive maintenance. , 2019, , .		5
77	Extracting Patient Data from Tables in Clinical Literature - Case Study on Extraction of BMI, Weight and Number of Patients. , 2016, , .		5
78	Co-designing new tools for collecting, analysing and presenting patient experience data in NHS services: working in partnership with patients and carers. Research Involvement and Engagement, 2021, 7, 85.	2.9	5
79	Data shopping in an open marketplace: Introducing the Ontogrator web application for marking up data using ontologies and browsing using facets. Standards in Genomic Sciences, 2011, 4, 286-292.	1.5	4
80	A Social Media Campaign (#datasaveslives) to Promote the Benefits of Using Health Data for Research Purposes: Mixed Methods Analysis. Journal of Medical Internet Research, 2021, 23, e16348.	4.3	4
81	Mining a stroke knowledge graph from literature. BMC Bioinformatics, 2021, 22, 387.	2.6	4
82	Identification of Occupation Mentions in Clinical Narratives. Lecture Notes in Computer Science, 2016, , 359-365.	1.3	4
83	MedNorm: A Corpus and Embeddings for Cross-terminology Medical Concept Normalisation. , 2019, , .		4
84	An efficient representation of chronological events in medical texts. , 2020, , .		4
85	A cascaded approach to normalising gene mentions in biomedical literature. Bioinformation, 2007, 2, 197-206.	0.5	3
86	Modelling trend life cycles in scientific research using the Logistic and Gompertz equations. Scientometrics, 2021, 126, 9113-9132.	3.0	3
87	Digital methods to enhance the usefulness of patient experience data in services for long-term conditions: the DEPEND mixed-methods study. Health Services and Delivery Research, 2020, 8, 1-128.	1.4	3
88	A Case Study on Sepsis Using PubMed and Deep Learning for Ontology Learning. Studies in Health Technology and Informatics, 2017, 235, 516-520.	0.3	3
89	Literature Mining Solutions for Life Science Research. Advances in Bioinformatics, 2013, 2013, 1-2.	5.7	2
90	The BioHub Knowledge Base: Ontology and Repository for Sustainable Biosourcing. Journal of Biomedical Semantics, 2016, 7, 30.	1.6	2

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91	A rule-based approach to identify patient eligibility criteria for clinical trials from narrative longitudinal records. JAMIA Open, 2019, 2, 521-527.	2.0	2
92	An ontological approach to knowledge management for sustainable nuclear decommissioning. International Journal of Nuclear Knowledge Management, 2014, 6, 199.	0.3	1
93	Patient discussions of glucocorticoid-related side effects within an online community health forum. Clinical Medicine, 2019, 19, 91-91.	1.9	1
94	An End-to-End, Real-Time Solution for Condition Monitoring of Wind Turbine Generators. Energies, 2020, 13, 4817.	3.1	1
95	Named Entity Recognition and Normalization of Species, LINNAEUS. , 2013, , 1489-1492.		1
96	Automated de-identification of clinical free-text. International Journal of Population Data Science, 2017, 1, .	0.1	1
97	Exploring the Automatisation of Animal Health Surveillance Through Natural Language Processing. Lecture Notes in Computer Science, 2019, , 213-226.	1.3	1
98	Correlation between human assessment of essays and ROUGE evaluation of essays' summaries. , 2009, , .		0
99	146.â€ƒFREQUENT DISCUSSION OF INSOMNIA AND WEIGHT GAIN WITH GLUCOCORTICOID THERAPY: AN ANALYSIS OF TWITTER POSTS. Rheumatology, 2017, 56, .	1.9	0
100	i037â€ƒMining data from the clinical record. Rheumatology, 2018, 57, .	1.9	0
101	OP0024â€…PATIENT DISCUSSIONS OF GLUCOCORTICOID-RELATED SIDE EFFECTS WITHIN AN ONLINE HEALTH COMMUNITY FORUM. , 2019, , .		0
102	P58â€ƒPatient discussions of glucocorticoid related side effects within an online health community forum. Rheumatology, 2020, 59, .	1.9	0
103	Mining clinical text notes to facilitate surveillance of Alabama Rot. , 2015, , 472-473.		0
104	Using Twitter to mine sleep related information from people who declare a diagnosis of a psychotic disorder. International Journal of Population Data Science, 2017, 1, .	0.1	0
105	Integrating text analytics and statistical modelling to analyse kidney transplant immune suppression medication in registry data. International Journal of Population Data Science, 2017, 1, .	0.1	0
106	Healtex: UK Healthcare Text Analytics Research Network, EPSRC. Impact, 2018, 2018, 9-11.	0.1	0
107	MASK: A Success Story for An International Collaboration. International Journal of Population Data Science, 2020, 5, .	0.1	0
108	A Text Mining Model for Answering Checklist Questions Automatically from Parasitology Literature. , 2020, , .		0

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109	Perceptions of opioid use and impact on quality of life in patients with musculoskeletal conditions within online health community forums. Rheumatology Advances in Practice, 2021, 5, rkab078.	0.7	0
110	A survey of methods for revealing and overcoming weaknesses of data-driven Natural Language Understanding. Natural Language Engineering, 0, , 1-31.	2.5	0