

# Nigel Collier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5855885/publications.pdf>

Version: 2024-02-01

91  
papers

2,890  
citations

257450

24  
h-index

233421

45  
g-index

96  
all docs

96  
docs citations

96  
times ranked

3048  
citing authors

#	ARTICLE	IF	CITATIONS
1	Change-point detection in time-series data by relative density-ratio estimation. <i>Neural Networks</i> , 2013, 43, 72-83.	5.9	313
2	Introduction to the bio-entity recognition task at JNLPBA. , 2004, , .		245
3	BioCaster: detecting public health rumors with a Web-based text mining system. <i>Bioinformatics</i> , 2008, 24, 2940-2941.	4.1	192
4	Global mapping of infectious disease. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120250.	4.0	179
5	Extracting the names of genes and gene products with a hidden Markov model. , 2000, , .		151
6	OMG U got flu? Analysis of shared health messages for bio-surveillance. <i>Journal of Biomedical Semantics</i> , 2011, 2, S9.	1.6	85
7	Use of support vector machines in extended named entity recognition. , 2002, , .		82
8	A framework for enhancing spatial and temporal granularity in report-based health surveillance systems. <i>BMC Medical Informatics and Decision Making</i> , 2010, 10, 1.	3.0	80
9	Zone analysis in biology articles as a basis for information extraction. <i>International Journal of Medical Informatics</i> , 2006, 75, 468-487.	3.3	68
10	An Analysis of Twitter Messages in the 2011 Tohoku Earthquake. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2012, , 58-66.	0.3	68
11	Evaluation of Epidemic Intelligence Systems Integrated in the Early Alerting and Reporting Project for the Detection of A/H5N1 Influenza Events. <i>PLoS ONE</i> , 2013, 8, e57252.	2.5	68
12	Crowdsourcing Twitter annotations to identify first-hand experiences of prescription drug use. <i>Journal of Biomedical Informatics</i> , 2015, 58, 280-287.	4.3	64
13	Bio-medical entity extraction using support vector machines. <i>Artificial Intelligence in Medicine</i> , 2005, 33, 125-137.	6.5	62
14	PASBio: predicate-argument structures for event extraction in molecular biology. <i>BMC Bioinformatics</i> , 2004, 5, 155.	2.6	60
15	Whatâ€™s missing in geographical parsing?. <i>Language Resources and Evaluation</i> , 2018, 52, 603-623.	2.7	60
16	Automatic concept recognition using the Human Phenotype Ontology reference and test suite corpora. <i>Database: the Journal of Biological Databases and Curation</i> , 2015, 2015, bav005-bav005.	3.0	55
17	Twimed: Twitter and PubMed Comparable Corpus of Drugs, Diseases, Symptoms, and Their Relations. <i>JMIR Public Health and Surveillance</i> , 2017, 3, e24.	2.6	54
18	Uncovering text mining: A survey of current work on web-based epidemic intelligence. <i>Global Public Health</i> , 2012, 7, 731-749.	2.0	51

#	ARTICLE	IF	CITATIONS
19	Classifying disease outbreak reports using n-grams and semantic features. International Journal of Medical Informatics, 2009, 78, e47-e58.	3.3	49
20	Factors Influencing Performance of Internet-Based Biosurveillance Systems Used in Epidemic Intelligence for Early Detection of Infectious Diseases Outbreaks. PLoS ONE, 2014, 9, e90536.	2.5	43
21	The digital revolution in phenotyping. Briefings in Bioinformatics, 2016, 17, 819-830.	6.5	41
22	A multilingual ontology for infectious disease surveillance: rationale, design and challenges. Computers and the Humanities, 2007, 40, 405-413.	1.4	39
23	Assessment of NER solutions against the first and second CALBC Silver Standard Corpus. Journal of Biomedical Semantics, 2011, 2, S11.	1.6	39
24	The GENIA project. , 1999, , .		34
25	Recognition of medication information from discharge summaries using ensembles of classifiers. BMC Medical Informatics and Decision Making, 2012, 12, 36.	3.0	32
26	Synonym set extraction from the biomedical literature by lexical pattern discovery. BMC Bioinformatics, 2008, 9, 159.	2.6	31
27	Enhancing Twitter Data Analysis with Simple Semantic Filtering: Example in Tracking Influenza-Like Illnesses. , 2012, , .		31
28	Named entity recognition in Vietnamese using classifier voting. ACM Transactions on Asian Language Information Processing, 2007, 6, 1-18.	0.8	29
29	PhenoMiner: from text to a database of phenotypes associated with OMIM diseases. Database: the Journal of Biological Databases and Curation, 2015, 2015, bav104.	3.0	29
30	A pragmatic guide to geoparsing evaluation. Language Resources and Evaluation, 2020, 54, 683-712.	2.7	29
31	The landscape of international event-based biosurveillance. Emerging Health Threats Journal, 2010, 3, 7096.	3.0	26
32	Bio-medical entity extraction using Support Vector Machines. , 2003, , .		25
33	A partially supervised cross-collection topic model for cross-domain text classification. , 2013, , .		25
34	Adapting Phrase-based Machine Translation to Normalise Medical Terms in Social Media Messages. , 2015, , .		24
35	Comparison of character-level and part of speech features for name recognition in biomedical texts. Journal of Biomedical Informatics, 2004, 37, 423-435.	4.3	22
36	Automatic acquisition and classification of terminology using a tagged corpus in the molecular biology domain. Terminology, 2001, 7, 239-257.	0.3	20

#	ARTICLE	IF	CITATIONS
37	A comparison of query translation methods for English-Japanese cross-language information retrieval (poster abstract). , 1999, , .		19
38	Syndromic Classification of Twitter Messages. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 186-195.	0.3	19
39	Recent advances in natural language processing for biomedical applications. International Journal of Medical Informatics, 2006, 75, 413-417.	3.3	18
40	Comparison between tagged corpora for the named entity task. , 2000, , .		18
41	Towards role-based filtering of disease outbreak reports. Journal of Biomedical Informatics, 2009, 42, 773-780.	4.3	17
42	Generation of Silver Standard Concept Annotations from Biomedical Texts with Special Relevance to Phenotypes. PLoS ONE, 2015, 10, e0116040.	2.5	17
43	Named Entity Recognition in Vietnamese documents. Progress in Informatics, 2007, , 5.	0.2	16
44	A baseline feature set for learning rhetorical zones using full articles in the biomedical domain. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2005, 7, 52-58.	4.0	15
45	Zone identification in biology articles as a basis for information extraction. , 2004, , .		13
46	Machine translation vs. dictionary term translation. , 1998, , .		13
47	Towards semantic role labeling & IE in the medical literature. AMIA ... Annual Symposium proceedings, 2005, , 410-4.	0.2	12
48	Structuring an event ontology for disease outbreak detection. BMC Bioinformatics, 2008, 9, S8.	2.6	11
49	Concept selection for phenotypes and diseases using learn to rank. Journal of Biomedical Semantics, 2015, 6, 24.	1.6	11
50	Modelling the Combination of Generic and Target Domain Embeddings in a Convolutional Neural Network for Sentence Classification. , 2016, , .		11
51	Automatic classification of verbs in biomedical texts. , 2006, , .		10
52	Towards cross-lingual alerting for bursty epidemic events. Journal of Biomedical Semantics, 2011, 2, S10.	1.6	10
53	Learning to Recognize Phenotype Candidates in the Auto-Immune Literature Using SVM Re-Ranking. PLoS ONE, 2013, 8, e72965.	2.5	10
54	Developing a Disease Outbreak Event Corpus. Journal of Medical Internet Research, 2010, 12, e43.	4.3	10

#	ARTICLE	IF	CITATIONS
55	What's unusual in online disease outbreak news?. Journal of Biomedical Semantics, 2010, 1, 2.	1.6	9
56	A methodology to enhance spatial understanding of disease outbreak events reported in news articles. International Journal of Medical Informatics, 2010, 79, 284-296.	3.3	9
57	GENI-DB: a database of global events for epidemic intelligence. Bioinformatics, 2012, 28, 1186-1188.	4.1	9
58	Using silver and semi-gold standard corpora to compare open named entity recognisers. , 2013, , .		9
59	Sieve-based coreference resolution enhances semi-supervised learning model for chemical-induced disease relation extraction. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw102.	3.0	8
60	Change-Point Detection in Time-Series Data by Relative Density-Ratio Estimation. Lecture Notes in Computer Science, 2012, , 363-372.	1.3	8
61	Toward knowledge support for analysis and interpretation of complex traits. Genome Biology, 2013, 14, 214.	9.6	7
62	The role of roles in classifying annotated biomedical text. , 2007, , .		7
63	An experiment in hybrid dictionary and statistical sentence alignment. , 1998, , .		7
64	Towards the Semantic Interpretation of Personal Health Messages from Social Media. , 2015, , .		6
65	The choice of features for classification of verbs in biomedical texts. , 2008, , .		6
66	Towards classifying species in systems biology papers using text mining. BMC Research Notes, 2011, 4, 32.	1.4	5
67	Improving chemical-induced disease relation extraction with learned features based on convolutional neural network. , 2017, , .		5
68	Using hedges to enhance a disease outbreak report text mining system. , 2009, , .		5
69	PheneBank: a literature-based database of phenotypes. Bioinformatics, 2022, 38, 1179-1180.	4.1	5
70	Improved Semantic Representation for Domain-Specific Entities. , 2016, , .		4
71	Building and Using Geospatial Ontology in the BioCaster Surveillance System. Nature Precedings, 2008, , .	0.1	3
72	Analysis of syntactic and semantic features for fine-grained event-spatial understanding in outbreak news reports. Journal of Biomedical Semantics, 2010, 1, 3.	1.6	3

#	ARTICLE	IF	CITATIONS
73	Exploiting document graphs for inter sentence relation extraction. Journal of Biomedical Semantics, 2022, 13, .	1.6	3
74	The development of a schema for semantic annotation: Gain brought by a formal ontological method. Applied Ontology, 2009, 4, 5-20.	2.0	2
75	The impact of near domain transfer on biomedical named entity recognition. , 2014, , .		2
76	An experiment in hybrid dictionary and statistical sentence alignment. , 1998, , .		2
77	Topic-Based Vietnamese News Document Filtering in the BioCaster Project. , 2007, , .		1
78	WRESTLING WITH BIOMEDICAL RESEARCH RESULTS: LANGUAGE RESOURCES AND LITERATURE ANALYSIS. Journal of Bioinformatics and Computational Biology, 2010, 08, 129-130.	0.8	1
79	Special issue on bio-ontologies and phenotypes. Journal of Biomedical Semantics, 2015, 6, 40.	1.6	1
80	An Empirical Study of Sections in Classifying Disease Outbreak Reports. Annals of Information Systems, 2010, , 47-58.	0.5	1
81	Building and Using Geospatial Ontology in the BioCaster Surveillance System. Nature Precedings, 0, , .	0.1	1
82	Navigating the Information Storm. , 2010, , .		1
83	Discriminating Rhetorical Analogies in Social Media. , 2014, , .		1
84	Introduction to the Biomedical Linked Annotation Hackathon (BLAH) 2015 Symposium. BMC Proceedings, 2015, 9, .	1.6	0
85	Thematic issue of the Second combined Bio-ontologies and Phenotypes Workshop. Journal of Biomedical Semantics, 2016, 7, 66.	1.6	0
86	WSDM 2017 Workshop on Mining Online Health Reports. , 2017, , .		0
87	Comparison between tagged corpora for the named entity task. , 2000, , .		0
88	Content Analysis of Syndromic Twitter Data. Online Journal of Public Health Informatics, 2013, 5, .	0.7	0
89	Machine translation vs. dictionary term translation. , 1998, , .		0
90	Introduction to BLAH5 special issue: recent progress on interoperability of biomedical text mining. Genomics and Informatics, 2019, 17, e12.	0.8	0

#	ARTICLE	IF	CITATIONS
91	A Conceptual Framework for Representing Events Under Public Health Surveillance. Studies in Health Technology and Informatics, 2022, , .	0.3	0