Nigel Collier

List of Publications by Year
in descending order

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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	PheneBank: a literature-based database of phenotypes. Bioinformatics, 2022, 38, 1179-1180.	4.1	5
2	A Conceptual Framework for Representing Events Under Public Health Surveillance. Studies in Health Technology and Informatics, 2022, , .	0.3	0
3	Exploiting document graphs for inter sentence relation extraction. Journal of Biomedical Semantics, 2022, 13, .	1.6	3
4	A pragmatic guide to geoparsing evaluation. Language Resources and Evaluation, 2020, 54, 683-712.	2.7	29
5	Introduction to BLAH5 special issue: recent progress on interoperability of biomedical text mining. Genomics and Informatics, 2019, 17, e12.	0.8	0
6	Whatâ€™s missing in geographical parsing?. Language Resources and Evaluation, 2018, 52, 603-623.	2.7	60
7	WSDM 2017 Workshop on Mining Online Health Reports. , 2017, , .		0
8	Improving chemical-induced disease relation extraction with learned features based on convolutional neural network. , 2017, , .		5
9	TwiMed: Twitter and PubMed Comparable Corpus of Drugs, Diseases, Symptoms, and Their Relations. JMIR Public Health and Surveillance, 2017, 3, e24.	2.6	54
10	The digital revolution in phenotyping. Briefings in Bioinformatics, 2016, 17, 819-830.	6.5	41
11	Thematic issue of the Second combined Bio-ontologies and Phenotypes Workshop. Journal of Biomedical Semantics, 2016, 7, 66.	1.6	0
12	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
13	Modelling the Combination of Generic and Target Domain Embeddings in a Convolutional Neural Network for Sentence Classification. , 2016, , .		11
14	Improved Semantic Representation for Domain-Specific Entities. , 2016, , .		4
15	Special issue on bio-ontologies and phenotypes. Journal of Biomedical Semantics, 2015, 6, 40.	1.6	1
16	Towards the Semantic Interpretation of Personal Health Messages from Social Media. , 2015, , .		6
17	Introduction to the Biomedical Linked Annotation Hackathon (BLAH) 2015 Symposium. BMC Proceedings, 2015, 9, .	1.6	0
18	Concept selection for phenotypes and diseases using learn to rank. Journal of Biomedical Semantics, 2015, 6, 24.	1.6	11

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19	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
20	Automatic concept recognition using the Human Phenotype Ontology reference and test suite corpora. Database: the Journal of Biological Databases and Curation, 2015, 2015, bav005-bav005.	3.0	55
21	Generation of Silver Standard Concept Annotations from Biomedical Texts with Special Relevance to Phenotypes. PLoS ONE, 2015, 10, e0116040.	2.5	17
22	Crowdsourcing Twitter annotations to identify first-hand experiences of prescription drug use. Journal of Biomedical Informatics, 2015, 58, 280-287.	4.3	64
23	Adapting Phrase-based Machine Translation to Normalise Medical Terms in Social Media Messages. , 2015, , .		24
24	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
25	The impact of near domain transfer on biomedical named entity recognition. , 2014, , .		2
26	Discriminating Rhetorical Analogies in Social Media. , 2014, , .		1
27	Using silver and semi-gold standard corpora to compare open named entity recognisers. , 2013, , .		9
28	Toward knowledge support for analysis and interpretation of complex traits. Genome Biology, 2013, 14, 214.	9.6	7
29	A partially supervised cross-collection topic model for cross-domain text classification. , 2013, , .		25
30	Change-point detection in time-series data by relative density-ratio estimation. Neural Networks, 2013, 43, 72-83.	5.9	313
31	Global mapping of infectious disease. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120250.	4.0	179
32	Evaluation of Epidemic Intelligence Systems Integrated in the Early Alerting and Reporting Project for the Detection of A/H5N1 Influenza Events. PLoS ONE, 2013, 8, e57252.	2.5	68
33	Learning to Recognize Phenotype Candidates in the Auto-Immune Literature Using SVM Re-Ranking. PLoS ONE, 2013, 8, e72965.	2.5	10
34	Content Analysis of Syndromic Twitter Data. Online Journal of Public Health Informatics, 2013, 5, .	0.7	0
35	GENI-DB: a database of global events for epidemic intelligence. Bioinformatics, 2012, 28, 1186-1188.	4.1	9
36	Uncovering text mining: A survey of current work on web-based epidemic intelligence. Global Public Health, 2012, 7, 731-749.	2.0	51

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37	An Analysis of Twitter Messages in the 2011 Tohoku Earthquake. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 58-66.	0.3	68
38	Enhancing Twitter Data Analysis with Simple Semantic Filtering: Example in Tracking Influenza-Like Illnesses. , 2012, , .		31
39	Recognition of medication information from discharge summaries using ensembles of classifiers. BMC Medical Informatics and Decision Making, 2012, 12, 36.	3.0	32
40	Syndromic Classification of Twitter Messages. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 186-195.	0.3	19
41	Change-Point Detection in Time-Series Data by Relative Density-Ratio Estimation. Lecture Notes in Computer Science, 2012, , 363-372.	1.3	8
42	Towards cross-lingual alerting for bursty epidemic events. Journal of Biomedical Semantics, 2011, 2, S10.	1.6	10
43	Assessment of NER solutions against the first and second CALBC Silver Standard Corpus. Journal of Biomedical Semantics, 2011, 2, S11.	1.6	39
44	OMG U got flu? Analysis of shared health messages for bio-surveillance. Journal of Biomedical Semantics, 2011, 2, S9.	1.6	85
45	Towards classifying species in systems biology papers using text mining. BMC Research Notes, 2011, 4, 32.	1.4	5
46	What's unusual in online disease outbreak news?. Journal of Biomedical Semantics, 2010, 1, 2.	1.6	9
47	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
48	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
49	The landscape of international event-based biosurveillance. Emerging Health Threats Journal, 2010, 3, 7096.	3.0	26
50	WRESTLING WITH BIOMEDICAL RESEARCH RESULTS: LANGUAGE RESOURCES AND LITERATURE ANALYSIS. Journal of Bioinformatics and Computational Biology, 2010, 08, 129-130.	0.8	1
51	A framework for enhancing spatial and temporal granularity in report-based health surveillance systems. BMC Medical Informatics and Decision Making, 2010, 10, 1.	3.0	80
52	An Empirical Study of Sections in Classifying Disease Outbreak Reports. Annals of Information Systems, 2010, , 47-58.	0.5	1
53	Developing a Disease Outbreak Event Corpus. Journal of Medical Internet Research, 2010, 12, e43.	4.3	10
54	Navigating the Information Storm. , 2010, , .		1

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55	The development of a schema for semantic annotation: Gain brought by a formal ontological method. Applied Ontology, 2009, 4, 5-20.	2.0	2
56	Classifying disease outbreak reports using n-grams and semantic features. International Journal of Medical Informatics, 2009, 78, e47-e58.	3.3	49
57	Towards role-based filtering of disease outbreak reports. Journal of Biomedical Informatics, 2009, 42, 773-780.	4.3	17
58	Using hedges to enhance a disease outbreak report text mining system. , 2009, , .		5
59	Synonym set extraction from the biomedical literature by lexical pattern discovery. BMC Bioinformatics, 2008, 9, 159.	2.6	31
60	Structuring an event ontology for disease outbreak detection. BMC Bioinformatics, 2008, 9, S8.	2.6	11
61	BioCaster: detecting public health rumors with a Web-based text mining system. Bioinformatics, 2008, 24, 2940-2941.	4.1	192
62	Building and Using Geospatial Ontology in the BioCaster Surveillance System. Nature Precedings, 2008, , .	0.1	3
63	The choice of features for classification of verbs in biomedical texts. , 2008, , .		6
64	Named entity recognition in Vietnamese using classifier voting. ACM Transactions on Asian Language Information Processing, 2007, 6, 1-18.	0.8	29
65	Topic-Based Vietnamese News Document Filtering in the BioCaster Project. , 2007, , .		1
66	A multilingual ontology for infectious disease surveillance: rationale, design and challenges. Computers and the Humanities, 2007, 40, 405-413.	1.4	39
67	Named Entity Recognition in Vietnamese documents. Progress in Informatics, 2007, , 5.	0.2	16
68	The role of roles in classifying annotated biomedical text. , 2007, , .		7
69	Automatic classification of verbs in biomedical texts. , 2006, , .		10
70	Recent advances in natural language processing for biomedical applications. International Journal of Medical Informatics, 2006, 75, 413-417.	3.3	18
71	Zone analysis in biology articles as a basis for information extraction. International Journal of Medical Informatics, 2006, 75, 468-487.	3.3	68
72	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

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73	Bio-medical entity extraction using support vector machines. Artificial Intelligence in Medicine, 2005, 33, 125-137.	6.5	62
74	Towards semantic role labeling & IE in the medical literature. AMIA ... Annual Symposium proceedings, 2005, , 410-4.	0.2	12
75	PASBio: predicate-argument structures for event extraction in molecular biology. BMC Bioinformatics, 2004, 5, 155.	2.6	60
76	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
77	Zone identification in biology articles as a basis for information extraction. , 2004, , .		13
78	Introduction to the bio-entity recognition task at JNLPBA. , 2004, , .		245
79	Bio-medical entity extraction using Support Vector Machines. , 2003, , .		25
80	Use of support vector machines in extended named entity recognition. , 2002, , .		82
81	Automatic acquisition and classification of terminology using a tagged corpus in the molecular biology domain. Terminology, 2001, 7, 239-257.	0.3	20
82	Extracting the names of genes and gene products with a hidden Markov model. , 2000, , .		151
83	Comparison between tagged corpora for the named entity task. , 2000, , .		18
84	Comparison between tagged corpora for the named entity task. , 2000, , .		0
85	A comparison of query translation methods for English-Japanese cross-language information retrieval (poster abstract). , 1999, , .		19
86	The GENIA project. , 1999, , .		34
87	Machine translation vs. dictionary term translation. , 1998, , .		13
88	An experiment in hybrid dictionary and statistical sentence alignment. , 1998, , .		2
89	An experiment in hybrid dictionary and statistical sentence alignment. , 1998, , .		7
90	Machine translation vs. dictionary term translation. , 1998, , .		0

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91	Building and Using Geospatial Ontology in the BioCaster Surveillance System. Nature Precedings, 0, , .	0.1	1