

Erik M Van Mulligen

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

10,500
citations

236612

25
h-index

182168

51
g-index

57
all docs

57
docs citations

57
times ranked

22125
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of unstructured text in prognostic clinical prediction models: a systematic review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 1292-1302.	2.2	19
2	Guidelines for FAIR sharing of preclinical safety and off-target pharmacology data. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2021, 38, 187-197.	0.9	5
3	The eTRANSAFE Project on Translational Safety Assessment through Integrative Knowledge Management: Achievements and Perspectives. <i>Pharmaceuticals</i> , 2021, 14, 237.	1.7	17
4	Identifying disease trajectories with predicate information from a knowledge graph. <i>Journal of Biomedical Semantics</i> , 2020, 11, 9.	0.9	4
5	Drug prioritization using the semantic properties of a knowledge graph. <i>Scientific Reports</i> , 2019, 9, 6281.	1.6	33
6	QTLTableMiner++: semantic mining of QTL tables in scientific articles. <i>BMC Bioinformatics</i> , 2018, 19, 183.	1.2	8
7	CodeMapper: semiautomatic coding of case definitions. A contribution from the ADVANCE project. <i>Pharmacoepidemiology and Drug Safety</i> , 2017, 26, 998-1005.	0.9	21
8	Automated extraction of potential migraine biomarkers using a semantic graph. <i>Journal of Biomedical Informatics</i> , 2017, 71, 178-189.	2.5	24
9	The Implictome: A Resource for Rationalizing Gene-Disease Associations. <i>PLoS ONE</i> , 2016, 11, e0149621.	1.1	22
10	Extraction of chemical-induced diseases using prior knowledge and textual information. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw046.	1.4	34
11	The FAIR Guiding Principles for scientific data management and stewardship. <i>Scientific Data</i> , 2016, 3, 160018.	2.4	8,670
12	Evaluation of a multinational, multilingual vaccine debate on Twitter. <i>Vaccine</i> , 2016, 34, 6166-6171.	1.7	33
13	Chemical entity recognition in patents by combining dictionary-based and statistical approaches. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw061.	1.4	17
14	SEMCARE: Multilingual Semantic Search in Semi-Structured Clinical Data. <i>Studies in Health Technology and Informatics</i> , 2016, 223, 93-9.	0.2	1
15	Recognition of chemical entities: combining dictionary-based and grammar-based approaches. <i>Journal of Cheminformatics</i> , 2015, 7, S10.	2.8	25
16	A multilingual gold-standard corpus for biomedical concept recognition: the Mantra GSC. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015, 22, 948-956.	2.2	36
17	Evaluating Social Media Networks in Medicines Safety Surveillance: Two Case Studies. <i>Drug Safety</i> , 2015, 38, 921-930.	1.4	49
18	A novel feature-based approach to extract drug-drug interactions from biomedical text. <i>Bioinformatics</i> , 2014, 30, 3365-3371.	1.8	69

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19	Finding potentially new multimorbidity patterns of psychiatric and somatic diseases: exploring the use of literature-based discovery in primary care research. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014, 21, 139-145.	2.2	13
20	Knowledge-based extraction of adverse drug events from biomedical text. <i>BMC Bioinformatics</i> , 2014, 15, 64.	1.2	63
21	Using rule-based natural language processing to improve disease normalization in biomedical text. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013, 20, 876-881.	2.2	92
22	The EU-ADR Web Platform: delivering advanced pharmacovigilance tools. <i>Pharmacoepidemiology and Drug Safety</i> , 2013, 22, 459-467.	0.9	36
23	Drug-Induced Acute Myocardial Infarction: Identifying "Prime Suspects" from Electronic Healthcare Records-Based Surveillance System. <i>PLoS ONE</i> , 2013, 8, e72148.	1.1	41
24	Entity Recognition in Parallel Multi-lingual Biomedical Corpora: The CLEF-ER Laboratory Overview. <i>Lecture Notes in Computer Science</i> , 2013, , 353-367.	1.0	9
25	Gathering and Exploring Scientific Knowledge in Pharmacovigilance. <i>PLoS ONE</i> , 2013, 8, e83016.	1.1	15
26	Using an ensemble system to improve concept extraction from clinical records. <i>Journal of Biomedical Informatics</i> , 2012, 45, 423-428.	2.5	32
27	The EU-ADR corpus: Annotated drugs, diseases, targets, and their relationships. <i>Journal of Biomedical Informatics</i> , 2012, 45, 879-884.	2.5	99
28	Training text chunkers on a silver standard corpus: can silver replace gold?. <i>BMC Bioinformatics</i> , 2012, 13, 17.	1.2	21
29	Microattribution and nanopublication as means to incentivize the placement of human genome variation data into the public domain. <i>Human Mutation</i> , 2012, 33, 1503-1512.	1.1	59
30	The value of data. <i>Nature Genetics</i> , 2011, 43, 281-283.	9.4	126
31	Assessment of NER solutions against the first and second CALBC Silver Standard Corpus. <i>Journal of Biomedical Semantics</i> , 2011, 2, S11.	0.9	39
32	Comparing and combining chunkers of biomedical text. <i>Journal of Biomedical Informatics</i> , 2011, 44, 354-360.	2.5	35
33	Rewriting and suppressing UMLS terms for improved biomedical term identification. <i>Journal of Biomedical Semantics</i> , 2010, 1, 5.	0.9	24
34	Automatic vs. manual curation of a multi-source chemical dictionary: the impact on text mining. <i>Journal of Cheminformatics</i> , 2010, 2, 3.	2.8	33
35	CALBC SILVER STANDARD CORPUS. <i>Journal of Bioinformatics and Computational Biology</i> , 2010, 08, 163-179.	0.3	79
36	Alignment of the UMLS semantic network with BioTop: methodology and assessment. <i>Bioinformatics</i> , 2009, 25, i69-i76.	1.8	15

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37	A dictionary to identify small molecules and drugs in free text. <i>Bioinformatics</i> , 2009, 25, 2983-2991.	1.8	116
38	Novel Protein-Protein Interactions Inferred from Literature Context. <i>PLoS ONE</i> , 2009, 4, e7894.	1.1	41
39	Literature-based concept profiles for gene annotation: The issue of weighting. <i>International Journal of Medical Informatics</i> , 2008, 77, 354-362.	1.6	35
40	Calling on a million minds for community annotation in WikiProteins. <i>Genome Biology</i> , 2008, 9, R89.	13.9	117
41	Training Multidisciplinary Biomedical Informatics Students: Three Years of Experience. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2008, 15, 246-254.	2.2	11
42	Applied information retrieval and multidisciplinary research: new mechanistic hypotheses in Complex Regional Pain Syndrome. <i>Journal of Biomedical Discovery and Collaboration</i> , 2007, 2, 2.	2.0	23
43	SYMBIOmatics: Synergies in Medical Informatics and Bioinformatics – exploring current scientific literature for emerging topics. <i>BMC Bioinformatics</i> , 2007, 8, S18.	1.2	18
44	Databases for knowledge discovery. <i>International Journal of Medical Informatics</i> , 2006, 75, 257-267.	1.6	18
45	Thesaurus-based disambiguation of gene symbols. <i>BMC Bioinformatics</i> , 2005, 6, 149.	1.2	36
46	Constructing an associative concept space for literature-based discovery. <i>Journal of the Association for Information Science and Technology</i> , 2004, 55, 436-444.	2.6	52
47	A Topic-Based Browser for Large Online Resources. <i>Lecture Notes in Computer Science</i> , 2004, , 433-448.	1.0	7
48	UMLS-based access to CPR data. <i>International Journal of Medical Informatics</i> , 1999, 53, 125-131.	1.6	6
49	HERMES: a health care workstation integration architecture. <i>International Journal of Bio-medical Computing</i> , 1994, 34, 267-275.	0.5	18
50	Explain your data by Concept Profile Analysis Web Services. <i>F1000Research</i> , 0, 3, 173.	0.8	5
51	Interoperability and FAIRness through a novel combination of Web technologies. <i>PeerJ Computer Science</i> , 0, 3, e110.	2.7	58