Erik M Van Mulligen

List of Publications by Year
in descending order

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	The FAIR Guiding Principles for scientific data management and stewardship. Scientific Data, 2016, 3, 160018.	2.4	8,670
2	The value of data. Nature Genetics, 2011, 43, 281-283.	9.4	126
3	Calling on a million minds for community annotation in WikiProteins. Genome Biology, 2008, 9, R89.	13.9	117
4	A dictionary to identify small molecules and drugs in free text. Bioinformatics, 2009, 25, 2983-2991.	1.8	116
5	The EU-ADR corpus: Annotated drugs, diseases, targets, and their relationships. Journal of Biomedical Informatics, 2012, 45, 879-884.	2.5	99
6	Using rule-based natural language processing to improve disease normalization in biomedical text. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 876-881.	2.2	92
7	CALBC SILVER STANDARD CORPUS. Journal of Bioinformatics and Computational Biology, 2010, 08, 163-179.	0.3	79
8	A novel feature-based approach to extract drugâ€“drug interactions from biomedical text. Bioinformatics, 2014, 30, 3365-3371.	1.8	69
9	Knowledge-based extraction of adverse drug events from biomedical text. BMC Bioinformatics, 2014, 15, 64.	1.2	63
10	Microattribution and nanopublication as means to incentivize the placement of human genome variation data into the public domain. Human Mutation, 2012, 33, 1503-1512.	1.1	59
11	Interoperability and FAIRness through a novel combination of Web technologies. PeerJ Computer Science, 0, 3, e110.	2.7	58
12	Constructing an associative concept space for literature-based discovery. Journal of the Association for Information Science and Technology, 2004, 55, 436-444.	2.6	52
13	Evaluating Social Media Networks in Medicines Safety Surveillance: Two Case Studies. Drug Safety, 2015, 38, 921-930.	1.4	49
14	Drug-Induced Acute Myocardial Infarction: Identifying â€˜Prime Suspectsâ€™ from Electronic Healthcare Records-Based Surveillance System. PLoS ONE, 2013, 8, e72148.	1.1	41
15	Novel Protein-Protein Interactions Inferred from Literature Context. PLoS ONE, 2009, 4, e7894.	1.1	41
16	Assessment of NER solutions against the first and second CALBC Silver Standard Corpus. Journal of Biomedical Semantics, 2011, 2, S11.	0.9	39
17	Thesaurus-based disambiguation of gene symbols. BMC Bioinformatics, 2005, 6, 149.	1.2	36
18	The EUâ€ADR Web Platform: delivering advanced pharmacovigilance tools. Pharmacoepidemiology and Drug Safety, 2013, 22, 459-467.	0.9	36

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19	A multilingual gold-standard corpus for biomedical concept recognition: the Mantra GSC. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 948-956.	2.2	36
20	Literature-based concept profiles for gene annotation: The issue of weighting. International Journal of Medical Informatics, 2008, 77, 354-362.	1.6	35
21	Comparing and combining chunkers of biomedical text. Journal of Biomedical Informatics, 2011, 44, 354-360.	2.5	35
22	Extraction of chemical-induced diseases using prior knowledge and textual information. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw046.	1.4	34
23	Automatic vs. manual curation of a multi-source chemical dictionary: the impact on text mining. Journal of Cheminformatics, 2010, 2, 3.	2.8	33
24	Evaluation of a multinational, multilingual vaccine debate on Twitter. Vaccine, 2016, 34, 6166-6171.	1.7	33
25	Drug prioritization using the semantic properties of a knowledge graph. Scientific Reports, 2019, 9, 6281.	1.6	33
26	Using an ensemble system to improve concept extraction from clinical records. Journal of Biomedical Informatics, 2012, 45, 423-428.	2.5	32
27	Recognition of chemical entities: combining dictionary-based and grammar-based approaches. Journal of Cheminformatics, 2015, 7, S10.	2.8	25
28	Rewriting and suppressing UMLS terms for improved biomedical term identification. Journal of Biomedical Semantics, 2010, 1, 5.	0.9	24
29	Automated extraction of potential migraine biomarkers using a semantic graph. Journal of Biomedical Informatics, 2017, 71, 178-189.	2.5	24
30	Applied information retrieval and multidisciplinary research: new mechanistic hypotheses in Complex Regional Pain Syndrome. Journal of Biomedical Discovery and Collaboration, 2007, 2, 2.	2.0	23
31	The Implicitome: A Resource for Rationalizing Gene-Disease Associations. PLoS ONE, 2016, 11, e0149621.	1.1	22
32	Training text chunkers on a silver standard corpus: can silver replace gold?. BMC Bioinformatics, 2012, 13, 17.	1.2	21
33	CodeMapper: semiautomatic coding of case definitions. A contribution from the ADVANCE project. Pharmacoepidemiology and Drug Safety, 2017, 26, 998-1005.	0.9	21
34	Use of unstructured text in prognostic clinical prediction models: a systematic review. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 1292-1302.	2.2	19
35	HERMES: a health care workstation integration architecture. International Journal of Bio-medical Computing, 1994, 34, 267-275.	0.5	18
36	Databases for knowledge discovery. International Journal of Medical Informatics, 2006, 75, 257-267.	1.6	18

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37	SYMBIOmatics: Synergies in Medical Informatics and Bioinformatics â€“ exploring current scientific literature for emerging topics. BMC Bioinformatics, 2007, 8, S18.	1.2	18
38	Chemical entity recognition in patents by combining dictionary-based and statistical approaches. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw061.	1.4	17
39	The eTRANSAFE Project on Translational Safety Assessment through Integrative Knowledge Management: Achievements and Perspectives. Pharmaceuticals, 2021, 14, 237.	1.7	17
40	Alignment of the UMLS semantic network with BioTop: methodology and assessment. Bioinformatics, 2009, 25, i69-i76.	1.8	15
41	Gathering and Exploring Scientific Knowledge in Pharmacovigilance. PLoS ONE, 2013, 8, e83016.	1.1	15
42	Finding potentially new multimorbidity patterns of psychiatric and somatic diseases: exploring the use of literature-based discovery in primary care research. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 139-145.	2.2	13
43	Training Multidisciplinary Biomedical Informatics Students: Three Years of Experience. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 246-254.	2.2	11
44	Entity Recognition in Parallel Multi-lingual Biomedical Corpora: The CLEF-ER Laboratory Overview. Lecture Notes in Computer Science, 2013, , 353-367.	1.0	9
45	QTLTableMiner++: semantic mining of QTL tables in scientific articles. BMC Bioinformatics, 2018, 19, 183.	1.2	8
46	A Topic-Based Browser for Large Online Resources. Lecture Notes in Computer Science, 2004, , 433-448.	1.0	7
47	UMLS-based access to CPR data. International Journal of Medical Informatics, 1999, 53, 125-131.	1.6	6
48	Guidelines for FAIR sharing of preclinical safety and off-target pharmacology data. ALTEX: Alternatives To Animal Experimentation, 2021, 38, 187-197.	0.9	5
49	Explain your data by Concept Profile Analysis Web Services. F1000Research, 0, 3, 173.	0.8	5
50	Identifying disease trajectories with predicate information from a knowledge graph. Journal of Biomedical Semantics, 2020, 11, 9.	0.9	4
51	SEMCARE: Multilingual Semantic Search in Semi-Structured Clinical Data. Studies in Health Technology and Informatics, 2016, 223, 93-9.	0.2	1