Erik M Van Mulligen

List of Publications by Citations

50 papers	5,538 citations	23 h-index	57 g-index
57 ext. papers	7,952 ext. citations	5.9 avg, IF	4.44 L-index

#	Paper	IF	Citations
50	The FAIR Guiding Principles for scientific data management and stewardship. *Scientific Data*, **2016**, 3, 160018	8.2	4154
49	Calling on a million minds for community annotation in WikiProteins. *Genome Biology*, **2008**, 9, R89	18.3	101
48	A dictionary to identify small molecules and drugs in free text. *Bioinformatics*, **2009**, 25, 2983-91	7.2	95
47	The EU-ADR corpus: annotated drugs, diseases, targets, and their relationships. *Journal of Biomedical Informatics*, **2012**, 45, 879-84	10.2	68
46	CALBC silver standard corpus. *Journal of Bioinformatics and Computational Biology*, **2010**, 8, 163-79	1	60
45	Using rule-based natural language processing to improve disease normalization in biomedical text. *Journal of the American Medical Informatics Association: JAMIA*, **2013**, 20, 876-81	8.6	56
44	A novel feature-based approach to extract drug-drug interactions from biomedical text. *Bioinformatics*, **2014**, 30, 3365-71	7.2	55
43	Microattribution and nanopublication as means to incentivize the placement of human genome variation data into the public domain. *Human Mutation*, **2012**, 33, 1503-12	4.7	54
42	Knowledge-based extraction of adverse drug events from biomedical text. *BMC Bioinformatics*, **2014**, 15, 64	3.6	44
41	Interoperability and FAIRness through a novel combination of Web technologies. *PeerJ Computer Science*, 3, e110	2.7	38
40	Evaluating Social Media Networks in Medicines Safety Surveillance: Two Case Studies. *Drug Safety*, **2015**, 38, 921-30	5.1	37
39	Constructing an associative concept space for literature-based discovery. *Journal of the Association for Information Science and Technology*, **2004**, 55, 436-444		37
38	Novel protein-protein interactions inferred from literature context. *PLoS ONE*, **2009**, 4, e7894	3.7	37
37	Drug-induced acute myocardial infarction: identifying 'prime suspects' from electronic healthcare records-based surveillance system. *PLoS ONE*, **2013**, 8, e72148	3.7	35
36	Assessment of NER solutions against the first and second CALBC Silver Standard Corpus. *Journal of Biomedical Semantics*, **2011**, 2 Suppl 5, S11	2.2	33
35	Literature-based concept profiles for gene annotation: the issue of weighting. *International Journal of Medical Informatics*, **2008**, 77, 354-62	5.3	33
34	Comparing and combining chunkers of biomedical text. *Journal of Biomedical Informatics*, **2011**, 44, 354-60	10.2	32

33	The EU-ADR Web Platform: delivering advanced pharmacovigilance tools. *Pharmacoepidemiology and Drug Safety*, **2013**, 22, 459-67	2.6	30
32	Thesaurus-based disambiguation of gene symbols. *BMC Bioinformatics*, **2005**, 6, 149	3.6	30
31	Extraction of chemical-induced diseases using prior knowledge and textual information. *Database: the Journal of Biological Databases and Curation*, **2016**, 2016,	5	29
30	Using an ensemble system to improve concept extraction from clinical records. *Journal of Biomedical Informatics*, **2012**, 45, 423-8	10.2	25
29	Automatic vs. manual curation of a multi-source chemical dictionary: the impact on text mining. *Journal of Cheminformatics*, **2010**, 2, 3	8.6	24
28	Evaluation of a multinational, multilingual vaccine debate on Twitter. *Vaccine*, **2016**, 34, 6166-6171	4.1	22
27	Applied information retrieval and multidisciplinary research: new mechanistic hypotheses in complex regional pain syndrome. *Journal of Biomedical Discovery and Collaboration*, **2007**, 2, 2		21
26	A multilingual gold-standard corpus for biomedical concept recognition: the Mantra GSC. *Journal of the American Medical Informatics Association: JAMIA*, **2015**, 22, 948-56	8.6	20
25	Automated extraction of potential migraine biomarkers using a semantic graph. *Journal of Biomedical Informatics*, **2017**, 71, 178-189	10.2	20
24	Rewriting and suppressing UMLS terms for improved biomedical term identification. *Journal of Biomedical Semantics*, **2010**, 1, 5	2.2	19
23	The Implicitome: A Resource for Rationalizing Gene-Disease Associations. *PLoS ONE*, **2016**, 11, e0149621	3.7	18
22	Recognition of chemical entities: combining dictionary-based and grammar-based approaches. *Journal of Cheminformatics*, **2015**, 7, S10	8.6	17
21	Drug prioritization using the semantic properties of a knowledge graph. *Scientific Reports*, **2019**, 9, 6281	4.9	16
20	Databases for knowledge discovery. Examples from biomedicine and health care. *International Journal of Medical Informatics*, **2006**, 75, 257-67	5.3	16
19	HERMES: a health care workstation integration architecture. *International Journal of Bio-medical Computing*, **1994**, 34, 267-75		16
18	CodeMapper: semiautomatic coding of case definitions. A contribution from the ADVANCE project. *Pharmacoepidemiology and Drug Safety*, **2017**, 26, 998-1005	2.6	15
17	SYMBIOmatics: synergies in Medical Informatics and Bioinformatics--exploring current scientific literature for emerging topics. *BMC Bioinformatics*, **2007**, 8 Suppl 1, S18	3.6	15
16	Chemical entity recognition in patents by combining dictionary-based and statistical approaches. *Database: the Journal of Biological Databases and Curation*, **2016**, 2016,	5	13

15	Alignment of the UMLS semantic network with BioTop: methodology and assessment. *Bioinformatics*, **2009**, 25, i69-76	7.2	13
14	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, 139-45	8.6	12
13	Gathering and exploring scientific knowledge in pharmacovigilance. *PLoS ONE*, **2013**, 8, e83016	3.7	10
12	Entity Recognition in Parallel Multi-lingual Biomedical Corpora: The CLEF-ER Laboratory Overview. *Lecture Notes in Computer Science*, **2013**, 353-367	0.9	9
11	Training text chunkers on a silver standard corpus: can silver replace gold?. *BMC Bioinformatics*, **2012**, 13, 17	3.6	8
10	Training multidisciplinary biomedical informatics students: three years of experience. *Journal of the American Medical Informatics Association: JAMIA*, **2008**, 15, 246-54	8.6	8
9	A Topic-Based Browser for Large Online Resources. *Lecture Notes in Computer Science*, **2004**, 433-448	0.9	6
8	QTLTableMiner: semantic mining of QTL tables in scientific articles. *BMC Bioinformatics*, **2018**, 19, 183	3.6	5
7	UMLS-based access to CPR data. Unified Medical Language Systems. *International Journal of Medical Informatics*, **1999**, 53, 125-31	5.3	5
6	The eTRANSAFE Project on Translational Safety Assessment through Integrative Knowledge Management: Achievements and Perspectives. *Pharmaceuticals*, **2021**, 14,	5.2	5
5	Explain your data by Concept Profile Analysis Web Services. *F1000Research*,3, 173	3.6	4
4	Interoperability and FAIRness through a novel combination of Web technologies		3
3	Guidelines for FAIR sharing of preclinical safety and off-target pharmacology data. *ALTEX: Alternatives To Animal Experimentation*, **2021**, 38, 187-197	4.3	2
2	SEMCARE: Multilingual Semantic Search in Semi-Structured Clinical Data. *Studies in Health Technology and Informatics*, **2016**, 223, 93-9	0.5	1
1	Identifying disease trajectories with predicate information from a knowledge graph. *Journal of Biomedical Semantics*, **2020**, 11, 9	2.2	0