

# Erik M Van Mulligen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7840409/publications.pdf>

Version: 2024-02-01

51  
papers

10,500  
citations

236925

25  
h-index

182427

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. <i>Scientific Data</i> , 2016, 3, 160018.	5.3	8,670
2	The value of data. <i>Nature Genetics</i> , 2011, 43, 281-283.	21.4	126
3	Calling on a million minds for community annotation in WikiProteins. <i>Genome Biology</i> , 2008, 9, R89.	9.6	117
4	A dictionary to identify small molecules and drugs in free text. <i>Bioinformatics</i> , 2009, 25, 2983-2991.	4.1	116
5	The EU-ADR corpus: Annotated drugs, diseases, targets, and their relationships. <i>Journal of Biomedical Informatics</i> , 2012, 45, 879-884.	4.3	99
6	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.	4.4	92
7	CALBC SILVER STANDARD CORPUS. <i>Journal of Bioinformatics and Computational Biology</i> , 2010, 08, 163-179.	0.8	79
8	A novel feature-based approach to extract drug-drug interactions from biomedical text. <i>Bioinformatics</i> , 2014, 30, 3365-3371.	4.1	69
9	Knowledge-based extraction of adverse drug events from biomedical text. <i>BMC Bioinformatics</i> , 2014, 15, 64.	2.6	63
10	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.	2.5	59
11	Interoperability and FAIRness through a novel combination of Web technologies. <i>PeerJ Computer Science</i> , 0, 3, e110.	4.5	58
12	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
13	Evaluating Social Media Networks in Medicines Safety Surveillance: Two Case Studies. <i>Drug Safety</i> , 2015, 38, 921-930.	3.2	49
14	Drug-Induced Acute Myocardial Infarction: Identifying "Prime Suspects" from Electronic Healthcare Records-Based Surveillance System. <i>PLoS ONE</i> , 2013, 8, e72148.	2.5	41
15	Novel Protein-Protein Interactions Inferred from Literature Context. <i>PLoS ONE</i> , 2009, 4, e7894.	2.5	41
16	Assessment of NER solutions against the first and second CALBC Silver Standard Corpus. <i>Journal of Biomedical Semantics</i> , 2011, 2, S11.	1.6	39
17	Thesaurus-based disambiguation of gene symbols. <i>BMC Bioinformatics</i> , 2005, 6, 149.	2.6	36
18	The EU-ADR Web Platform: delivering advanced pharmacovigilance tools. <i>Pharmacoepidemiology and Drug Safety</i> , 2013, 22, 459-467.	1.9	36

#	ARTICLE	IF	CITATIONS
19	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.	4.4	36
20	Literature-based concept profiles for gene annotation: The issue of weighting. <i>International Journal of Medical Informatics</i> , 2008, 77, 354-362.	3.3	35
21	Comparing and combining chunkers of biomedical text. <i>Journal of Biomedical Informatics</i> , 2011, 44, 354-360.	4.3	35
22	Extraction of chemical-induced diseases using prior knowledge and textual information. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw046.	3.0	34
23	Automatic vs. manual curation of a multi-source chemical dictionary: the impact on text mining. <i>Journal of Cheminformatics</i> , 2010, 2, 3.	6.1	33
24	Evaluation of a multinational, multilingual vaccine debate on Twitter. <i>Vaccine</i> , 2016, 34, 6166-6171.	3.8	33
25	Drug prioritization using the semantic properties of a knowledge graph. <i>Scientific Reports</i> , 2019, 9, 6281.	3.3	33
26	Using an ensemble system to improve concept extraction from clinical records. <i>Journal of Biomedical Informatics</i> , 2012, 45, 423-428.	4.3	32
27	Recognition of chemical entities: combining dictionary-based and grammar-based approaches. <i>Journal of Cheminformatics</i> , 2015, 7, S10.	6.1	25
28	Rewriting and suppressing UMLS terms for improved biomedical term identification. <i>Journal of Biomedical Semantics</i> , 2010, 1, 5.	1.6	24
29	Automated extraction of potential migraine biomarkers using a semantic graph. <i>Journal of Biomedical Informatics</i> , 2017, 71, 178-189.	4.3	24
30	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
31	The Implicitome: A Resource for Rationalizing Gene-Disease Associations. <i>PLoS ONE</i> , 2016, 11, e0149621.	2.5	22
32	Training text chunkers on a silver standard corpus: can silver replace gold?. <i>BMC Bioinformatics</i> , 2012, 13, 17.	2.6	21
33	CodeMapper: semiautomatic coding of case definitions. A contribution from the ADVANCE project. <i>Pharmacoepidemiology and Drug Safety</i> , 2017, 26, 998-1005.	1.9	21
34	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.	4.4	19
35	HERMES: a health care workstation integration architecture. <i>International Journal of Bio-medical Computing</i> , 1994, 34, 267-275.	0.5	18
36	Databases for knowledge discovery. <i>International Journal of Medical Informatics</i> , 2006, 75, 257-267.	3.3	18

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37	SYMBIOmatics: Synergies in Medical Informatics and Bioinformatics – exploring current scientific literature for emerging topics. BMC Bioinformatics, 2007, 8, S18.	2.6	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.	3.0	17
39	The eTRANSafe Project on Translational Safety Assessment through Integrative Knowledge Management: Achievements and Perspectives. Pharmaceuticals, 2021, 14, 237.	3.8	17
40	Alignment of the UMLS semantic network with BioTop: methodology and assessment. Bioinformatics, 2009, 25, i69-i76.	4.1	15
41	Gathering and Exploring Scientific Knowledge in Pharmacovigilance. PLoS ONE, 2013, 8, e83016.	2.5	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.	4.4	13
43	Training Multidisciplinary Biomedical Informatics Students: Three Years of Experience. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 246-254.	4.4	11
44	Entity Recognition in Parallel Multi-lingual Biomedical Corpora: The CLEF-ER Laboratory Overview. Lecture Notes in Computer Science, 2013, , 353-367.	1.3	9
45	QTLTableMiner++: semantic mining of QTL tables in scientific articles. BMC Bioinformatics, 2018, 19, 183.	2.6	8
46	A Topic-Based Browser for Large Online Resources. Lecture Notes in Computer Science, 2004, , 433-448.	1.3	7
47	UMLS-based access to CPR data. International Journal of Medical Informatics, 1999, 53, 125-131.	3.3	6
48	Guidelines for FAIR sharing of preclinical safety and off-target pharmacology data. ALTEX: Alternatives To Animal Experimentation, 2021, 38, 187-197.	1.5	5
49	Explain your data by Concept Profile Analysis Web Services. F1000Research, 0, 3, 173.	1.6	5
50	Identifying disease trajectories with predicate information from a knowledge graph. Journal of Biomedical Semantics, 2020, 11, 9.	1.6	4
51	SEMCARE: Multilingual Semantic Search in Semi-Structured Clinical Data. Studies in Health Technology and Informatics, 2016, 223, 93-9.	0.3	1