Marcelo Fiszman

List of Publications by Year
in descending order

45 papers	1,771 citations	516215 16 h-index	288905 40 g-index
45 all docs	45 docs citations	45 times ranked	1222 citing authors

#	Article	IF	Citations
1	The interaction of domain knowledge and linguistic structure in natural language processing: interpreting hypernymic propositions in biomedical text. Journal of Biomedical Informatics, 2003, 36, 462-477.	2.5	440
2	SemMedDB: a PubMed-scale repository of biomedical semantic predications. Bioinformatics, 2012, 28, 3158-3160.	1.8	291
3	Text summarization in the biomedical domain: A systematic review of recent research. Journal of Biomedical Informatics, 2014, 52, 457-467.	2.5	147
4	Automatic summarization of MEDLINE citations for evidence-based medical treatment: A topic-oriented evaluation. Journal of Biomedical Informatics, 2009, 42, 801-813.	2.5	67
5	Semantic MEDLINE: An advanced information management application for biomedicine. Information Services and Use, 2011, 31, 15-21.	0.1	66
6	Abstraction summarization for managing the biomedical research literature. , 2004, , .		60
7	Extracting semantic predications from Medline citations for pharmacogenomics. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2007, , 209-20.	0.7	57
8	Broad-coverage biomedical relation extraction with SemRep. BMC Bioinformatics, 2020, 21, 188.	1.2	54
9	Interpreting comparative constructions in biomedical text. , 2007, , .		54
10	Constructing a semantic predication gold standard from the biomedical literature. BMC Bioinformatics, 2011, 12, 486.	1.2	50
11	Using semantic predications to uncover drug–drug interactions in clinical data. Journal of Biomedical Informatics, 2014, 49, 134-147.	2.5	50
12	Degree centrality for semantic abstraction summarization of therapeutic studies. Journal of Biomedical Informatics, 2011, 44, 830-838.	2.5	46
13	A Closed Literature-Based Discovery Technique Finds a Mechanistic Link Between Hypogonadism and Diminished Sleep Quality in Aging Men. Sleep, 2012, 35, 279-85.	0.6	36
14	Automatically extracting sentences from Medline citations to support clinicians' information needs. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 995-1000.	2.2	36
15	Knowledge-based Methods to Help Clinicians Find Answers in MEDLINE. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 772-780.	2.2	35
16	Classification of clinically useful sentences in clinical evidence resources. Journal of Biomedical Informatics, 2016, 60, 14-22.	2.5	30
17	Graph-based methods for discovery browsing with semantic predications. AMIA ... Annual Symposium proceedings, 2011, 2011, 1514-23.	0.2	21
18	Summarizing drug information in Medline citations. AMIA ... Annual Symposium proceedings, 2006, , 254-8.	0.2	17

#	ARTICLE	IF	CITATIONS
19	Semantic MEDLINE for discovery browsing: using semantic predications and the literature-based discovery paradigm to elucidate a mechanism for the obesity paradox. AMIA ... Annual Symposium proceedings, 2013, 2013, 164-73.	0.2	16
20	Exploiting Literature-derived Knowledge and Semantics to Identify Potential Prostate Cancer Drugs. Cancer Informatics, 2014, 13s1, CIN.S13889.	0.9	15
21	Towards a characterization of apparent contradictions in the biomedical literature using context analysis. Journal of Biomedical Informatics, 2019, 98, 103275.	2.5	15
22	Framing serendipitous information–seeking behavior for facilitating literature–based discovery: A proposed model. Journal of the Association for Information Science and Technology, 2014, 65, 501-512.	1.5	14
23	Spark, an application based on Serendipitous Knowledge Discovery. Journal of Biomedical Informatics, 2016, 60, 23-37.	2.5	14
24	Sortal anaphora resolution to enhance relation extraction from biomedical literature. BMC Bioinformatics, 2016, 17, 163.	1.2	13
25	Automatically classifying question types for consumer health questions. AMIA ... Annual Symposium proceedings, 2014, 2014, 1018-27.	0.2	13
26	Networks of neuroinjury semantic predications to identify biomarkers for mild traumatic brain injury. Journal of Biomedical Semantics, 2015, 6, 25.	0.9	11
27	Identifying risk factors for metabolic syndrome in biomedical text. AMIA ... Annual Symposium proceedings, 2007, , 249-53.	0.2	10
28	Biomedical text summarization to support genetic database curation: using Semantic MEDLINE to create a secondary database of genetic information. Journal of the Medical Library Association: JMLA, 2010, 98, 273-281.	0.6	9
29	Investigating the role of interleukin-1 beta and glutamate in inflammatory bowel disease and epilepsy using discovery browsing. Journal of Biomedical Semantics, 2018, 9, 25.	0.9	9
30	Semantic processing to support clinical guideline development. AMIA ... Annual Symposium proceedings, 2008, , 187-91.	0.2	9
31	Summarization of an online medical encyclopedia. Studies in Health Technology and Informatics, 2004, 107, 506-10.	0.2	9
32	Text summarization as a decision support aid. BMC Medical Informatics and Decision Making, 2012, 12, 41.	1.5	8
33	Combining relevance assignment with quality of the evidence to support guideline development. Studies in Health Technology and Informatics, 2010, 160, 709-13.	0.2	7
34	Informatics Support for Basic Research in Biomedicine. ILAR Journal, 2017, 58, 80-89.	1.8	6
35	Integrating a hypernymic proposition interpreter into a semantic processor for biomedical texts. AMIA ... Annual Symposium proceedings, 2003, , 239-43.	0.2	6
36	A Knowledge Intensive Approach to Mapping Clinical Narrative to LOINC. AMIA ... Annual Symposium proceedings, 2010, 2010, 227-31.	0.2	6

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37	Classification of Clinically Useful Sentences in MEDLINE. AMIA ... Annual Symposium proceedings, 2015, 2015, 2015-24.	0.2	5
38	A literature-based assessment of concept pairs as a measure of semantic relatedness. AMIA ... Annual Symposium proceedings, 2013, 2013, 1512-21.	0.2	4
39	Automatically extracting clinically useful sentences from UpToDate to support clinicians' information needs. AMIA ... Annual Symposium proceedings, 2013, 2013, 987-92.	0.2	4
40	Automatically Extracting Sentences from Medline Citations to Support Clinicians' Information Needs. , 2012, , .		3
41	Automatic identification of comparative effectiveness research from medline citations to support clinicians' treatment information needs. Studies in Health Technology and Informatics, 2013, 192, 846-50.	0.2	3
42	Semantic characteristics of MEDLINE citations useful in therapeutic decision-making. AMIA ... Annual Symposium proceedings, 2005, , 1117.	0.2	2
43	Semantic processing to identify adverse drug event information from black box warnings. AMIA ... Annual Symposium proceedings, 2013, 2013, 266.	0.2	2
44	Semantic processing to identify adverse drug event information from black box warnings. AMIA ... Annual Symposium proceedings, 2014, 2014, 442-8.	0.2	1
45	Interpreting hypernymic propositions in an online medical encyclopedia. AMIA ... Annual Symposium proceedings, 2003, , 840.	0.2	0