Robert Stevens

List of Publications by Year
in descending order

34 papers	1,160 citations	623734 14 h-index	454955 30 g-index
35 all docs	35 docs citations	35 times ranked	1472 citing authors

#	Article	IF	Citations
1	NERO: a biomedical named-entity (recognition) ontology with a large, annotated corpus reveals meaningful associations through text embedding. Npj Systems Biology and Applications, 2021, 7, 38.	3.0	3
2	Semantic Deep Learning: Prior Knowledge and a Type of Four-Term Embedding Analogy to Acquire Treatments for Well-Known Diseases. JMIR Medical Informatics, 2020, 8, e16948.	2.6	0
3	Exploring semantic deep learning for building reliable and reusable one health knowledge from PubMed systematic reviews and veterinary clinical notes. Journal of Biomedical Semantics, 2019, 10, 22.	1.6	6
4	Measuring expert performance at manually classifying domain entities under upper ontology classes. Web Semantics, 2019, 57, 100469.	2.9	7
5	Unveiling antimicrobial peptideâ€“generating human proteases using PROTEASIX. Journal of Proteomics, 2018, 171, 53-62.	2.4	11
6	Inference Inspector: Improving the verification of ontology authoring actions. Web Semantics, 2018, 49, 1-15.	2.9	12
7	Deep learning meets ontologies: experiments to anchor the cardiovascular disease ontology in the biomedical literature. Journal of Biomedical Semantics, 2018, 9, 13.	1.6	28
8	MIRO: guidelines for minimum information for the reporting of an ontology. Journal of Biomedical Semantics, 2018, 9, 6.	1.6	55
9	Prediction of Proteases Involved in Peptide Generation. Methods in Molecular Biology, 2017, 1574, 205-213.	0.9	2
10	A Case Study on Sepsis Using PubMed and Deep Learning for Ontology Learning. Studies in Health Technology and Informatics, 2017, 235, 516-520.	0.3	3
11	The BioHub Knowledge Base: Ontology and Repository for Sustainable Biosourcing. Journal of Biomedical Semantics, 2016, 7, 30.	1.6	2
12	The Proteasix Ontology. Journal of Biomedical Semantics, 2016, 7, 33.	1.6	8
13	Supporting the analysis of ontology evolution processes through the combination of static and dynamic scaling functions in OQuaRE. Journal of Biomedical Semantics, 2016, 7, 63.	1.6	8
14	Omics databases on kidney disease: where they can be found and how to benefit from them. CKJ: Clinical Kidney Journal, 2016, 9, 343-352.	2.9	33
15	Ten Simple Rules for Selecting a Bio-ontology. PLoS Computational Biology, 2016, 12, e1004743.	3.2	29
16	Evaluating the Emotion Ontology through use in the self-reporting of emotional responses at an academic conference. Journal of Biomedical Semantics, 2014, 5, 38.	1.6	14
17	The Software Ontology (SWO): a resource for reproducibility in biomedical data analysis, curation and digital preservation. Journal of Biomedical Semantics, 2014, 5, 25.	1.6	56
18	The Quality of Methods Reporting in Parasitology Experiments. PLoS ONE, 2014, 9, e101131.	2.5	12

#	Article	IF	Citations
19	Stealthy annotation of experimental biology by spreadsheets. Concurrency Computation Practice and Experience, 2013, 25, 467-480.	2.2	3
20	Three Steps to Heaven: Semantic Publishing in a Real World Workflow. Future Internet, 2012, 4, 1004-1015.	3.8	1
21	Engineering use cases for modular development of ontologies in OWL. Applied Ontology, 2012, 7, 113-132.	2.0	18
22	Using semantic web technologies to manage complexity and change in biomedical data. , 2011, 2011, 3708-11.		2
23	Building Workflows that Traverse the Bioinformatics Data Landscape. , 2009, , 141-163.		0
24	BioCatalogue: A Curated Web Service Registry For The Life Science Community. Nature Precedings, 2009, , .	0.1	13
25	Mining Taverna's semantic web of provenance. Concurrency Computation Practice and Experience, 2008, 20, 463-472.	2.2	85
26	Process of Building a Vocabulary for the Infection Domain. , 2008, , .		9
27	Using provenance to manage knowledge of In Silico experiments. Briefings in Bioinformatics, 2007, 8, 183-194.	6.5	31
28	Taverna: lessons in creating a workflow environment for the life sciences. Concurrency Computation Practice and Experience, 2006, 18, 1067-1100.	2.2	485
29	Augmenting the mobility of profoundly blind Web travellers. New Review of Hypermedia and Multimedia, 2005, 11, 103-128.	1.1	11
30	Building Ontologies in DAML + OIL. Comparative and Functional Genomics, 2003, 4, 133-141.	2.0	17
31	A SUITE OF DAML+OIL ONTOLOGIES TO DESCRIBE BIOINFORMATICS WEB SERVICES AND DATA. International Journal of Cooperative Information Systems, 2003, 12, 197-224.	0.8	126
32	OILing the way to machine understandable bioinformatics resources. IEEE Transactions on Information Technology in Biomedicine, 2002, 6, 129-134.	3.2	21
33	Building a bioinformatics ontology using OIL. IEEE Transactions on Information Technology in Biomedicine, 2002, 6, 135-141.	3.2	44
34	Ontology Based Document Enrichment in Bioinformatics. Comparative and Functional Genomics, 2002, 3, 42-46.	2.0	5