

# Atsuko Yamaguchi

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

446  
citations

759233

12  
h-index

752698

20  
g-index

33  
all docs

33  
docs citations

33  
times ranked

604  
citing authors

#	ARTICLE	IF	CITATIONS
1	KCaM (KEGG Carbohydrate Matcher): a software tool for analyzing the structures of carbohydrate sugar chains. <i>Nucleic Acids Research</i> , 2004, 32, W267-W272.	14.5	95
2	BioHackathon series in 2011 and 2012: penetration of ontology and linked data in life science domains. <i>Journal of Biomedical Semantics</i> , 2014, 5, 5.	1.6	47
3	Allie: a database and a search service of abbreviations and long forms. <i>Database: the Journal of Biological Databases and Curation</i> , 2011, 2011, bar013-bar013.	3.0	33
4	The DBCLS BioHackathon: standardization and interoperability for bioinformatics web services and workflows. <i>Journal of Biomedical Semantics</i> , 2010, 1, 8.	1.6	31
5	The 3rd DBCLS BioHackathon: improving life science data integration with Semantic Web technologies. <i>Journal of Biomedical Semantics</i> , 2013, 4, 6.	1.6	26
6	BioBenchmark Toyama 2012: an evaluation of the performance of triple stores on biological data. <i>Journal of Biomedical Semantics</i> , 2014, 5, 32.	1.6	25
7	Finding the maximum common subgraph of a partial k-tree and a graph with a polynomially bounded number of spanning trees. <i>Information Processing Letters</i> , 2004, 92, 57-63.	0.6	23
8	Efficient tree-matching methods for accurate carbohydrate database queries. <i>Genome Informatics</i> , 2003, 14, 134-43.	0.4	20
9	The 2nd DBCLS BioHackathon: interoperable bioinformatics Web services for integrated applications. <i>Journal of Biomedical Semantics</i> , 2011, 2, 4.	1.6	19
10	The health care and life sciences community profile for dataset descriptions. <i>PeerJ</i> , 2016, 4, e2331.	2.0	18
11	YummyData: providing high-quality open life science data. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, .	3.0	17
12	An Approximation Algorithm for the Two-Layered Graph Drawing Problem. <i>Lecture Notes in Computer Science</i> , 1999, , 81-91.	1.3	15
13	Application of a new probabilistic model for recognizing complex patterns in glycans. <i>Bioinformatics</i> , 2004, 20, i6-i14.	4.1	13
14	Building Linked Open Data towards integration of biomedical scientific literature with DBpedia. <i>Journal of Biomedical Semantics</i> , 2013, 4, 8.	1.6	12
15	Semantic Web technologies for the big data in life sciences. <i>BioScience Trends</i> , 2014, 8, 192-201.	3.4	11
16	TogoTable: cross-database annotation system using the Resource Description Framework (RDF) data model. <i>Nucleic Acids Research</i> , 2014, 42, W442-W448.	14.5	7
17	Semantic Data Acquisition by Traversing Class-Class Relationships Over Linked Open Data. <i>Lecture Notes in Computer Science</i> , 2016, , 136-151.	1.3	7
18	BioHackathon 2015: Semantics of data for life sciences and reproducible research. <i>F1000Research</i> , 2020, 9, 136.	1.6	5

#	ARTICLE	IF	CITATIONS
19	Discriminative application of string similarity methods to chemical and non-chemical names for biomedical abbreviation clustering. BMC Genomics, 2012, 13, S8.	2.8	4
20	Efficiently Finding Paths Between Classes to Build a SPARQL Query for Life-Science Databases. Lecture Notes in Computer Science, 2016, , 321-330.	1.3	4
21	A proof-of-concept study of extracting patient histories for rare/intractable diseases from social media. Genomics and Informatics, 2020, 18, e17.	0.8	4
22	Advances in the development of PubCaseFinder, including the new application programming interface and matching algorithm. Human Mutation, 2022, , .	2.5	3
23	O-JMeSH: creating a bilingual English-Japanese controlled vocabulary of MeSH UIDs through machine translation and mutual information. Genomics and Informatics, 2021, 19, e26.	0.8	2
24	Building linked open data using approximate string matching methods and domain specific resources. , 2012, , .		1
25	Constructing Japanese MeSH term dictionaries related to the COVID-19 literature. Genomics and Informatics, 2021, 19, e25.	0.8	1
26	Natural Language Query Processing for Life Science Knowledge. Lecture Notes in Computer Science, 2010, , 158-165.	1.3	1
27	Semantic Graph Analysis for Federated LOD Surfing in Life Sciences. Lecture Notes in Computer Science, 2017, , 268-276.	1.3	1
28	Implementing LOD Surfer as a Search System for the Annotation of Multiple Protein Sequence Alignment. Lecture Notes in Computer Science, 2018, , 418-426.	1.3	1
29	Discriminative Application of String Similarity Methods to Chemical and Non-chemical Names for Biomedical Abbreviation Clustering. , 2011, , .		0
30	Discriminative Optimization of String Similarity and Its Application to Biomedical Abbreviation Clustering. , 2011, , .		0
31	Split4Blank: Maintaining consistency while improving efficiency of loading RDF data with blank nodes. PLoS ONE, 2019, 14, e0217852.	2.5	0
32	BioHackathon series in 2013 and 2014: improvements of semantic interoperability in life science data and services. F1000Research, 0, 8, 1677.	1.6	0
33	Investigating Schema Definitions Using RDFS and OWL 2 for RDF Databases in Life Sciences. Communications in Computer and Information Science, 2020, , 137-144.	0.5	0