

Sean Sean K Bechhofer

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58
papers

1,891
citations

17
h-index

43
g-index

62
ext. papers

2,195
ext. citations

2.8
avg, IF

4.6
L-index

#	Paper	IF	Citations
58	The OWL API: A Java API for OWL ontologies. <i>Semantic Web</i> , 2011 , 2, 11-21	2.4	367
57	myExperiment: a repository and social network for the sharing of bioinformatics workflows. <i>Nucleic Acids Research</i> , 2010 , 38, W677-82	20.1	201
56	OWL rules: A proposal and prototype implementation. <i>Web Semantics</i> , 2005 , 3, 23-40	2.9	189
55	The GRAIL concept modelling language for medical terminology. <i>Artificial Intelligence in Medicine</i> , 1997 , 9, 139-71	7.4	176
54	Why linked data is not enough for scientists. <i>Future Generation Computer Systems</i> , 2013 , 29, 599-611	7.5	160
53	Visual complexity and aesthetic perception of web pages 2008 ,		76
52	Using a suite of ontologies for preserving workflow-centric research objects. <i>Web Semantics</i> , 2015 , 32, 16-42	2.9	72
51	Conceptual linking 2001 ,		68
50	Research Objects: Towards Exchange and Reuse of Digital Knowledge. <i>Nature Precedings</i> , 2010 ,		65
49	Key choices in the design of Simple Knowledge Organization System (SKOS). <i>Web Semantics</i> , 2013 , 20, 35-49	2.9	54
48	An overview of S-OGSA: A Reference Semantic Grid Architecture. <i>Web Semantics</i> , 2006 , 4, 102-115	2.9	50
47	Building a bioinformatics ontology using OIL. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2002 , 6, 135-41		35
46	Why Linked Data is Not Enough for Scientists 2010 ,		31
45	Structuring research methods and data with the research object model: genomics workflows as a case study. <i>Journal of Biomedical Semantics</i> , 2014 , 5, 41	2.2	21
44	Knowledge based information integration systems. <i>Information and Software Technology</i> , 2000 , 42, 299-312		20
43	Towards open science: the myExperiment approach. <i>Concurrency Computation Practice and Experience</i> , 2010 , 22, 2335-2353	1.4	19
42	Identifying Behavioral Strategies of Visually Impaired Users to Improve Access to Web Content. <i>ACM Transactions on Accessible Computing</i> , 2011 , 3, 1-35	2.7	17

41	OILing the way to machine understandable bioinformatics resources. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2002 , 6, 129-34		17
40	Elements of a computational infrastructure for social simulation. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010 , 368, 3797-812	3	16
39	SADle. <i>ACM Transactions on Computer-Human Interaction</i> , 2007 , 14, 10	4.7	14
38	Patching Syntax in OWL Ontologies. <i>Lecture Notes in Computer Science</i> , 2004 , 668-682	0.9	14
37	Building ontologies in DAML + OIL. <i>Comparative and Functional Genomics</i> , 2003 , 4, 133-41		14
36	Using Ontologies and Vocabularies for Dynamic Linking. <i>IEEE Internet Computing</i> , 2008 , 12, 32-39	2.4	13
35	Thesaurus construction through knowledge representation. <i>Data and Knowledge Engineering</i> , 2001 , 37, 25-45	1.5	13
34	SADle: 2006 ,		12
33	GOHSE: Ontology driven linking of biology resources. <i>Web Semantics</i> , 2006 , 4, 155-163	2.9	10
32	The SADle transcoding platform 2008 ,		9
31	The semantic web and knowledge grids. <i>Drug Discovery Today: Technologies</i> , 2005 , 2, 225-33	7.1	9
30	The Current State of SKOS Vocabularies on the Web. <i>Lecture Notes in Computer Science</i> , 2012 , 270-284	0.9	8
29	Hello cleveland! Linked data publication of live music archives 2013 ,		7
28	2017 ,		7
27	Investigating sighted users' browsing behaviour to assist web accessibility 2008 ,		7
26	Accelerating Scientists' Knowledge Turns. <i>Communications in Computer and Information Science</i> , 2013 , 3-25	0.3	7
25	Research Objects: Towards Exchange and Reuse of Digital Knowledge		7
24	Scientific Social Objects: The Social Objects and Multidimensional Network of the myExperiment Website 2011 ,		6

23	A user evaluation of the SADle transcoder 2008 ,		6
22	Taming the inaccessible web 2006 ,		6
21	Functional Units: Abstractions for Web Service Annotations 2010 ,		5
20	The Evolution of myExperiment 2010 ,		5
19	A Flexible API and Editor for SKOS. <i>Lecture Notes in Computer Science</i> , 2009 , 506-520	0.9	4
18	Classification Based Navigation and Retrieval for Picture Archives 1999 , 291-310		4
17	Workflow forever 2012 ,		3
16	Grid metadata management: Requirements and architecture 2007 ,		3
15	Automating Annotation of Media with Linked Data Workflows 2015 ,		2
14	The Semantic Web Challenge 2014. <i>Web Semantics</i> , 2015 , 35, 141	2.9	2
13	Experiences of Exposing Semantics to Drive Transcoding 2008 ,		2
12	Dynamic Linking of Web Resources: Customisation and Personalisation. <i>Studies in Computational Intelligence</i> , 2008 , 1-24	0.8	2
11	A Linked Data Approach to Sharing Workflows and Workflow Results. <i>Lecture Notes in Computer Science</i> , 2010 , 340-354	0.9	2
10	Personalised Dynamic Links on theWeb 2006 ,		1
9	Knowledge-Driven Hyperlinks: Linking in the Wild. <i>Lecture Notes in Computer Science</i> , 2006 , 1-10	0.9	1
8	Semantic Web. <i>Human-computer Interaction Series</i> , 2008 , 315-330	0.6	1
7	Linked Data Publication of Live Music Archives and Analyses. <i>Lecture Notes in Computer Science</i> , 2017 , 29-37	0.9	1
6	Exploring OWL and rules: a simple teaching case. <i>International Journal of Teaching and Case Studies</i> , 2008 , 1, 299	0.5	

5 Architectural Patterns for the Semantic Grid **2007**, 119-134

4 Ontologies and Hypertext **2004**, 517-531

3 Metadata Management in S-OGSA. *Lecture Notes in Computer Science*, **2007**, 712-719 0.9

2 Ontology Visual Querying **2016**, 1-5

1 Automatically Identifying Bounds on Semantic Annotations for Bioinformatics Web Service Input Parameters. *Lecture Notes in Computer Science*, **2010**, 232-243 0.9