

# Montserrat Batet

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,946  
citations

257450

24  
h-index

243625

44  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1366  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic Assessment of Privacy Policies under the GDPR. Applied Sciences (Switzerland), 2021, 11, 1762.	2.5	12
2	Privacy protection of user profiles in online search via semantic randomization. Knowledge and Information Systems, 2021, 63, 2455-2477.	3.2	4
3	<b>µ</b> <i>ANT</i> : semantic microaggregation-based anonymization tool. Bioinformatics, 2020, 36, 1652-1653.	4.1	8
4	Leveraging synonymy and polysemy to improve semantic similarity assessments based on intrinsic information content. Artificial Intelligence Review, 2020, 53, 2023-2041.	15.7	10
5	Utility-preserving privacy protection of nominal data sets via semantic rank swapping. Information Fusion, 2019, 45, 282-295.	19.1	29
6	Semantic Disclosure Control: semantics meets data privacy. Online Information Review, 2018, 42, 290-303.	3.2	5
7	Survey and evaluation of web search engine hit counts as research tools in computational linguistics. Information Systems, 2018, 73, 50-60.	3.6	18
8	A semantic-preserving differentially private method for releasing query logs. Information Sciences, 2018, 460-461, 223-237.	6.9	3
9	A semantic framework for noise addition with nominal data. Knowledge-Based Systems, 2017, 122, 103-118.	7.1	18
10	HESML: A scalable ontology-based semantic similarity measures library with a set of reproducible experiments and a replication dataset. Information Systems, 2017, 66, 97-118.	3.6	42
11	Toward sensitive document release with privacy guarantees. Engineering Applications of Artificial Intelligence, 2017, 59, 23-34.	8.1	25
12	Privacy-preserving data outsourcing in the cloud via semantic data splitting. Computer Communications, 2017, 110, 187-201.	5.1	30
13	Improving Semantic Relatedness Assessments: Ontologies Meet Textual Corpora. Procedia Computer Science, 2016, 96, 365-374.	2.0	3
14	Perturbative Data Protection of Multivariate Nominal Datasets. Lecture Notes in Computer Science, 2016, , 94-106.	1.3	1
15	<i>Sanitized</i> : A privacy model for document redaction and sanitization. Journal of the Association for Information Science and Technology, 2016, 67, 148-163.	2.9	53
16	Semantic Noise: Privacy-Protection of Nominal Microdata through Uncorrelated Noise Addition. , 2015, , .		7
17	Semantic variance: An intuitive measure for ontology accuracy evaluation. Engineering Applications of Artificial Intelligence, 2015, 39, 89-99.	8.1	30
18	Contributions on Semantic Similarity and Its Applications to Data Privacy. Studies in Computational Intelligence, 2015, , 129-149.	0.9	1

#	ARTICLE	IF	CITATIONS
19	Ontology Selection for Semantic Similarity Assessment. , 2015, , .		1
20	A Semantic Approach for Ontology Evaluation. , 2014, , .		7
21	Utility-preserving privacy protection of textual healthcare documents. Journal of Biomedical Informatics, 2014, 52, 189-198.	4.3	29
22	Utility-preserving sanitization of semantically correlated terms in textual documents. Information Sciences, 2014, 279, 77-93.	6.9	20
23	Towards the estimation of feature-based semantic similarity using multiple ontologies. Knowledge-Based Systems, 2014, 55, 101-113.	7.1	28
24	Privacy protection of textual medical documents. , 2014, , .		4
25	An information theoretic approach to improve semantic similarity assessments across multiple ontologies. Information Sciences, 2014, 283, 197-210.	6.9	27
26	Introducing semantic variables in mixed distance measures: Impact on hierarchical clustering. Knowledge and Information Systems, 2014, 40, 559-593.	3.2	12
27	A Review on Semantic Similarity. Advances in Information Quality and Management, 2014, , 7575-7583.	0.2	14
28	A semantic similarity method based on information content exploiting multiple ontologies. Expert Systems With Applications, 2013, 40, 1393-1399.	7.6	76
29	Automatic General-Purpose Sanitization of Textual Documents. IEEE Transactions on Information Forensics and Security, 2013, 8, 853-862.	6.9	47
30	Semantic similarity estimation from multiple ontologies. Applied Intelligence, 2013, 38, 29-44.	5.3	45
31	Minimizing the disclosure risk of semantic correlations in document sanitization. Information Sciences, 2013, 249, 110-123.	6.9	24
32	Utility preserving query log anonymization via semantic microaggregation. Information Sciences, 2013, 242, 49-63.	6.9	32
33	A New Model to Compute the Information Content of Concepts from Taxonomic Knowledge. International Journal on Semantic Web and Information Systems, 2012, 8, 34-50.	5.1	41
34	Privacy protection of textual attributes through a semantic-based masking method. Information Fusion, 2012, 13, 304-314.	19.1	30
35	Enabling semantic similarity estimation across multiple ontologies: An evaluation in the biomedical domain. Journal of Biomedical Informatics, 2012, 45, 141-155.	4.3	40
36	Ontology-based semantic similarity: A new feature-based approach. Expert Systems With Applications, 2012, 39, 7718-7728.	7.6	312

#	ARTICLE	IF	CITATIONS
37	Turist@: Agent-based personalised recommendation of tourist activities. Expert Systems With Applications, 2012, 39, 7319-7329.	7.6	99
38	Knowledge-driven delivery of home care services. Journal of Intelligent Information Systems, 2012, 38, 95-130.	3.9	11
39	Detecting Sensitive Information from Textual Documents: An Information-Theoretic Approach. Lecture Notes in Computer Science, 2012, , 173-184.	1.3	22
40	Ontology-based semantic clustering. AI Communications, 2011, 24, 291-292.	1.2	24
41	An ontology-based measure to compute semantic similarity in biomedicine. Journal of Biomedical Informatics, 2011, 44, 118-125.	4.3	185
42	Semantic similarity estimation in the biomedical domain: An ontology-based information-theoretic perspective. Journal of Biomedical Informatics, 2011, 44, 749-759.	4.3	124
43	Ontology-based information content computation. Knowledge-Based Systems, 2011, 24, 297-303.	7.1	208
44	Ontology-driven web-based semantic similarity. Journal of Intelligent Information Systems, 2010, 35, 383-413.	3.9	67
45	Using ontologies for structuring organizational knowledge in Home Care assistance. International Journal of Medical Informatics, 2010, 79, 370-387.	3.3	86
46	Exploiting Taxonomical Knowledge to Compute Semantic Similarity: An Evaluation in the Biomedical Domain. Lecture Notes in Computer Science, 2010, , 274-283.	1.3	2
47	Performance of Ontology-Based Semantic Similarities in Clustering. Lecture Notes in Computer Science, 2010, , 281-288.	1.3	2
48	Using experts' rules as background knowledge in the ClusDM methodology. European Journal of Operational Research, 2009, 195, 864-875.	5.7	16
49	Computing Knowledge-Based Semantic Similarity from the Web: An Application to the Biomedical Domain. Lecture Notes in Computer Science, 2009, , 17-28.	1.3	5
50	Automatic Tailoring of an Actor Profile Ontology. Lecture Notes in Computer Science, 2009, , 104-122.	1.3	1
51	The Data Abstraction Layer as Knowledge Provider for a Medical Multi-agent System. , 2007, , 87-100.		6