Anna Fensel

List of Publications by Year
in descending order

66 papers	509 citations	758635 12 h-index	794141 19 g-index
71 all docs	71 docs citations	71 times ranked	464 citing authors

#	Article	IF	Citations
1	Knowledge Graph Based Hard Drive Failure Prediction. Sensors, 2022, 22, 985.	2.1	13
2	Raising Consent Awareness With Gamification and Knowledge Graphs. International Journal on Semantic Web and Information Systems, 2022, 18, 1-21.	2.2	21
3	A Combined System Metrics Approach to Cloud Service Reliability Using Artificial Intelligence. Big Data and Cognitive Computing, 2022, 6, 26.	2.9	4
4	Data Protection by Design Tool for Automated GDPR Compliance Verification Based on Semantically Modeled Informed Consent. Sensors, 2022, 22, 2763.	2.1	17
5	A Semantically Data-Driven Classification Framework for Energy Consumption in Buildings. Energies, 2022, 15, 3155.	1.6	2
6	Question Answering Over Knowledge Graphs: A Case Study in Tourism. IEEE Access, 2022, 10, 69788-69801.	2.6	5
7	Building Knowledge Subgraphs inÂQuestion Answering overÂKnowledge Graphs. Lecture Notes in Computer Science, 2022, , 237-251.	1.0	3
8	Interactive Search on the Web: The Story So Far. Information (Switzerland), 2022, 13, 324.	1.7	3
9	Raising Awareness of Data Sharing Consent Through Knowledge Graph Visualisation. Studies on the Semantic Web, 2021, , .	0.3	5
10	Consent through the lens of semantics: StateÂof the art survey and best practices. Semantic Web, 2021, , 1-27.	1.1	14
11	Representing emotions with knowledge graphs for movie recommendations. Future Generation Computer Systems, 2021, 125, 715-725.	4.9	19
12	A Survey on Energy Efficiency in Smart Homes and Smart Grids. Energies, 2021, 14, 7273.	1.6	8
13	Knowledge Graphs for Online Marketing and Sales of Touristic Services. Information (Switzerland), 2020, 11, 253.	1.7	6
14	Keynote: Building Smart Cities with Knowledge Graphs. , 2019, , .		6
15	The societal impact of big data: A research roadmap for Europe. Technology in Society, 2018, 54, 74-86.	4.8	33
16	On Generating Stories from Semantically Annotated Tourism-Related Content. Lecture Notes in Computer Science, 2018, , 481-497.	1.0	2
17	Modeling and Reasoning over Data Licenses. Lecture Notes in Computer Science, 2018, , 218-222.	1.0	7
18	Automated Rights Clearance Using Semantic Web Technologies: The DALICC Framework. , 2018, , 203-218.		6

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19	Enabling Analysis of User Engagements Across Multiple Online Communication Channels. Communications in Computer and Information Science, 2017, , 147-159.	0.4	0
20	Contributing to appliancesâ€™ energy efficiency with Internet of Things, smart data and user engagement. Future Generation Computer Systems, 2017, 76, 329-338.	4.9	34
21	A European research roadmap for optimizing societal impact of big data on environment and energy efficiency. , 2017, , .		0
22	An ontology-based coordination and integration of multi-channel online communication. International Journal of Metadata, Semantics and Ontologies, 2017, 12, 219.	0.2	1
23	Providing Personalized Energy Management and Awareness Services for Energy Efficiency in Smart Buildings. Sensors, 2017, 17, 2054.	2.1	49
24	Data aggregation, fusion and recommendations for strengthening citizens energy-aware behavioural profiles. , 2017, , .		0
25	Auf dem Weg zu semantischen APIs fÃ¼r Forschungsdatendienste. VOEB-Mitteilungen, 2017, 70, 157-169.	0.1	1
26	An ontology-based coordination and integration of multi-channel online communication. International Journal of Metadata, Semantics and Ontologies, 2017, 12, 219.	0.2	0
27	Big Data Analysis. , 2016, , 63-86.		13
28	A semantic approach towards implementing energy efficient lifestyles through behavioural change. , 2016, , .		6
29	Linked Open Vocabulary Ranking and Terms Discovery. , 2016, , .		4
30	Towards a Vocabulary Terms Discovery Assistant. , 2016, , .		0
31	Bringing Online Visibility to Hotels with Schema.org and Multi-channel Communication. , 2016, , 3-16.		5
32	Why Are There More Hotels in Tyrol than in Austria? Analyzing Schema.org Usage in the Hotel Domain. , 2016, , 99-112.		10
33	Linked Open Vocabulary Recommendation Based on Ranking and Linked Open Data. Lecture Notes in Computer Science, 2016, , 40-55.	1.0	1
34	Multi-platform mobile service creation. , 2015, , .		0
35	A lightweight convergent personal mobile service delivery approach based on phone book. International Journal of Communication Systems, 2015, 28, 49-70.	1.6	1
36	Knowledge Modeling of On-line Value Management. Lecture Notes in Computer Science, 2015, , 245-258.	1.0	0

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37	Structuring Clinical Workflows for Diabetes Care. Applied Clinical Informatics, 2014, 05, 512-526.	0.8	3
38	On the application of Big Data in future large-scale intelligent Smart City installations. International Journal of Pervasive Computing and Communications, 2014, 10, 168-182.	1.1	14
39	End-user interfaces for energy-efficient semantically enabled smart homes. Energy Efficiency, 2014, 7, 655-675.	1.3	20
40	Enabling customers engagement and collaboration for small and medium-sized enterprises in ubiquitous multi-channel ecosystems. Computers in Industry, 2014, 65, 891-904.	5.7	7
41	Improving the Online Visibility of Touristic Service Providers by Using Semantic Annotations. Lecture Notes in Computer Science, 2014, , 259-262.	1.0	3
42	Selecting Ontologies and Publishing Data of Electrical Appliances: A Refrigerator Example. Lecture Notes in Computer Science, 2014, , 494-503.	1.0	0
43	SESAME-S: Semantic Smart Home System for Energy Efficiency. Informatik-Spektrum, 2013, 36, 46-57.	1.0	52
44	Semantic Data Management: Sensor-Based Port Security Use Case. , 2013, , .		1
45	Context Based Adaptation of Semantic Rules in Smart Buildings. , 2013, , .		9
46	Big Data in Large Scale Intelligent Smart City Installations. , 2013, , .		8
47	OpenFridge: A platform for data economy for energy efficiency data. , 2013, , .		1
48	Enabling Scalable Multi-channel Communication through Semantic Technologies. , 2013, , .		0
49	agriOpenLink: Towards Adaptive Agricultural Processes Enabled by Open Interfaces, Linked Data and Services. Communications in Computer and Information Science, 2013, , 408-413.	0.4	1
50	Hotel Websites, Web 2.0, Web 3.0 and Online Direct Marketing: The Case of Austria. , 2013, , 665-677.		6
51	Meta4eS 2013 PC Co-Chairs Message. Lecture Notes in Computer Science, 2013, , 342-342.	1.0	0
52	Information systems for enhancing social experience in a conference context: A sensor based approach. Programming and Computer Software, 2012, 38, 281-293.	0.5	1
53	Semantic Policy-Based Data Management for Energy Efficient Smart Buildings. Lecture Notes in Computer Science, 2012, , 272-281.	1.0	6
54	Recommendation of Mobile Services Employing Semantics and Community Generated Data. Lecture Notes in Business Information Processing, 2012, , 267-278.	0.8	0

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55	An Extensible System for Enhancing Social Conference Experience. Lecture Notes in Computer Science, 2012, , 95-110.	1.0	0
56	Towards an Intelligent Framework to Understand and Feed the Web. Lecture Notes in Business Information Processing, 2012, , 255-266.	0.8	0
57	OPC UA goes semantics: Integrated communications in smart grids. , 2011, , .		11
58	Semantics for Energy Efficiency in Smart Home Environments. , 2011, , 429-454.		9
59	Applying semantics to Parlay-based services for telecommunication and Internet networks. Open Computer Science, 2011, 1, .	1.3	2
60	m:Ciudad: enabling endâ€user mobile service creation. International Journal of Pervasive Computing and Communications, 2011, 7, 384-414.	1.1	3
61	Defining user-generated services in a semantically-enabled mobile platform. , 2010, , .		5
62	SESAME demonstrator. , 2010, , .		20
63	An Authoring Tool for User Generated Mobile Services. Lecture Notes in Computer Science, 2010, , 118-127.	1.0	18
64	Energy Consumption Information Services for Smart Home Inhabitants. Lecture Notes in Computer Science, 2010, , 78-87.	1.0	3
65	Mapping of ImageNet and Wikidata for Knowledge Graphs Enabled Computer Vision. Business Information Systems, 0, , 151-161.	0.0	1
66	Towards an Automated Semantic Data-driven Decision Making Employing Human Brain. , 0, , .		1