

# Anna Fensel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3061718/publications.pdf>

Version: 2024-02-01

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	SESAME-S: Semantic Smart Home System for Energy Efficiency. Informatik-Spektrum, 2013, 36, 46-57.	1.0	52
2	Providing Personalized Energy Management and Awareness Services for Energy Efficiency in Smart Buildings. Sensors, 2017, 17, 2054.	2.1	49
3	Contributing to appliances' energy efficiency with Internet of Things, smart data and user engagement. Future Generation Computer Systems, 2017, 76, 329-338.	4.9	34
4	The societal impact of big data: A research roadmap for Europe. Technology in Society, 2018, 54, 74-86.	4.8	33
5	Raising Consent Awareness With Gamification and Knowledge Graphs. International Journal on Semantic Web and Information Systems, 2022, 18, 1-21.	2.2	21
6	SESAME demonstrator. , 2010, , .		20
7	End-user interfaces for energy-efficient semantically enabled smart homes. Energy Efficiency, 2014, 7, 655-675.	1.3	20
8	Representing emotions with knowledge graphs for movie recommendations. Future Generation Computer Systems, 2021, 125, 715-725.	4.9	19
9	An Authoring Tool for User Generated Mobile Services. Lecture Notes in Computer Science, 2010, , 118-127.	1.0	18
10	Data Protection by Design Tool for Automated GDPR Compliance Verification Based on Semantically Modeled Informed Consent. Sensors, 2022, 22, 2763.	2.1	17
11	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
12	Consent through the lens of semantics: State of the art survey and best practices. Semantic Web, 2021, , 1-27.	1.1	14
13	Big Data Analysis. , 2016, , 63-86.		13
14	Knowledge Graph Based Hard Drive Failure Prediction. Sensors, 2022, 22, 985.	2.1	13
15	OPC UA goes semantics: Integrated communications in smart grids. , 2011, , .		11
16	Why Are There More Hotels in Tyrol than in Austria? Analyzing Schema.org Usage in the Hotel Domain. , 2016, , 99-112.		10
17	Semantics for Energy Efficiency in Smart Home Environments. , 2011, , 429-454.		9
18	Context Based Adaptation of Semantic Rules in Smart Buildings. , 2013, , .		9

#	ARTICLE	IF	CITATIONS
19	Big Data in Large Scale Intelligent Smart City Installations. , 2013, , .		8
20	A Survey on Energy Efficiency in Smart Homes and Smart Grids. Energies, 2021, 14, 7273.	1.6	8
21	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
22	Modeling and Reasoning over Data Licenses. Lecture Notes in Computer Science, 2018, , 218-222.	1.0	7
23	A semantic approach towards implementing energy efficient lifestyles through behavioural change. , 2016, , .		6
24	Keynote: Building Smart Cities with Knowledge Graphs. , 2019, , .		6
25	Knowledge Graphs for Online Marketing and Sales of Touristic Services. Information (Switzerland), 2020, 11, 253.	1.7	6
26	Hotel Websites, Web 2.0, Web 3.0 and Online Direct Marketing: The Case of Austria. , 2013, , 665-677.		6
27	Semantic Policy-Based Data Management for Energy Efficient Smart Buildings. Lecture Notes in Computer Science, 2012, , 272-281.	1.0	6
28	Automated Rights Clearance Using Semantic Web Technologies: The DALICC Framework. , 2018, , 203-218.		6
29	Defining user-generated services in a semantically-enabled mobile platform. , 2010, , .		5
30	Raising Awareness of Data Sharing Consent Through Knowledge Graph Visualisation. Studies on the Semantic Web, 2021, , .	0.3	5
31	Bringing Online Visibility to Hotels with Schema.org and Multi-channel Communication. , 2016, , 3-16.		5
32	Question Answering Over Knowledge Graphs: A Case Study in Tourism. IEEE Access, 2022, 10, 69788-69801.	2.6	5
33	Linked Open Vocabulary Ranking and Terms Discovery. , 2016, , .		4
34	A Combined System Metrics Approach to Cloud Service Reliability Using Artificial Intelligence. Big Data and Cognitive Computing, 2022, 6, 26.	2.9	4
35	m:Ciudad: enabling end-user mobile service creation. International Journal of Pervasive Computing and Communications, 2011, 7, 384-414.	1.1	3
36	Structuring Clinical Workflows for Diabetes Care. Applied Clinical Informatics, 2014, 05, 512-526.	0.8	3

#	ARTICLE	IF	CITATIONS
37	Improving the Online Visibility of Touristic Service Providers by Using Semantic Annotations. Lecture Notes in Computer Science, 2014, , 259-262.	1.0	3
38	Energy Consumption Information Services for Smart Home Inhabitants. Lecture Notes in Computer Science, 2010, , 78-87.	1.0	3
39	Building Knowledge Subgraphs in Question Answering over Knowledge Graphs. Lecture Notes in Computer Science, 2022, , 237-251.	1.0	3
40	Interactive Search on the Web: The Story So Far. Information (Switzerland), 2022, 13, 324.	1.7	3
41	Applying semantics to Parlay-based services for telecommunication and Internet networks. Open Computer Science, 2011, 1, .	1.3	2
42	On Generating Stories from Semantically Annotated Tourism-Related Content. Lecture Notes in Computer Science, 2018, , 481-497.	1.0	2
43	A Semantically Data-Driven Classification Framework for Energy Consumption in Buildings. Energies, 2022, 15, 3155.	1.6	2
44	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
45	Semantic Data Management: Sensor-Based Port Security Use Case. , 2013, , .		1
46	OpenFridge: A platform for data economy for energy efficiency data. , 2013, , .		1
47	A lightweight convergent personal mobile service delivery approach based on phone book. International Journal of Communication Systems, 2015, 28, 49-70.	1.6	1
48	An ontology-based coordination and integration of multi-channel online communication. International Journal of Metadata, Semantics and Ontologies, 2017, 12, 219.	0.2	1
49	Mapping of ImageNet and Wikidata for Knowledge Graphs Enabled Computer Vision. Business Information Systems, 0, , 151-161.	0.0	1
50	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
51	Auf dem Weg zu semantischen APIs für Forschungsdatendienste. VOEB-Mitteilungen, 2017, 70, 157-169.	0.1	1
52	Towards an Automated Semantic Data-driven Decision Making Employing Human Brain. , 0, , .		1
53	Linked Open Vocabulary Recommendation Based on Ranking and Linked Open Data. Lecture Notes in Computer Science, 2016, , 40-55.	1.0	1
54	Enabling Scalable Multi-channel Communication through Semantic Technologies. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
55	Multi-platform mobile service creation. , 2015, , .		0
56	Towards a Vocabulary Terms Discovery Assistant. , 2016, , .		0
57	Enabling Analysis of User Engagements Across Multiple Online Communication Channels. Communications in Computer and Information Science, 2017, , 147-159.	0.4	0
58	A European research roadmap for optimizing societal impact of big data on environment and energy efficiency. , 2017, , .		0
59	Data aggregation, fusion and recommendations for strengthening citizens energy-aware behavioural profiles. , 2017, , .		0
60	Recommendation of Mobile Services Employing Semantics and Community Generated Data. Lecture Notes in Business Information Processing, 2012, , 267-278.	0.8	0
61	An Extensible System for Enhancing Social Conference Experience. Lecture Notes in Computer Science, 2012, , 95-110.	1.0	0
62	Towards an Intelligent Framework to Understand and Feed the Web. Lecture Notes in Business Information Processing, 2012, , 255-266.	0.8	0
63	Meta4eS 2013 PC Co-Chairs Message. Lecture Notes in Computer Science, 2013, , 342-342.	1.0	0
64	Selecting Ontologies and Publishing Data of Electrical Appliances: A Refrigerator Example. Lecture Notes in Computer Science, 2014, , 494-503.	1.0	0
65	Knowledge Modeling of On-line Value Management. Lecture Notes in Computer Science, 2015, , 245-258.	1.0	0
66	An ontology-based coordination and integration of multi-channel online communication. International Journal of Metadata, Semantics and Ontologies, 2017, 12, 219.	0.2	0