

Arno Scharl

List of Publications by Year in descending order

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97
papers

1,674
citations

471509

17
h-index

330143

37
g-index

105
all docs

105
docs citations

105
times ranked

1164
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion and success factors of mobile marketing. Electronic Commerce Research and Applications, 2005, 4, 159-173.	5.0	351
2	Quantitive evaluation of Web site content and structure. Internet Research, 2000, 10, 31-44.	4.9	141
3	Communicating sustainability. Journal of Communication Management, 2008, 12, 243-262.	2.3	128
4	Enriching semantic knowledge bases for opinion mining in big data applications. Knowledge-Based Systems, 2014, 69, 78-85.	7.1	95
5	Extracting and Grounding Contextualized Sentiment Lexicons. IEEE Intelligent Systems, 2013, 28, 39-46.	4.0	82
6	Crowdsourcing research opportunities. , 2012, , .		50
7	Aspect-Based Extraction and Analysis of Affective Knowledge from Social Media Streams. IEEE Intelligent Systems, 2017, 32, 80-88.	4.0	40
8	An Automated Approach to Investigating the Online Media Coverage of U.S. Presidential Elections. Journal of Information Technology and Politics, 2008, 5, 121-132.	2.9	37
9	An investigation of global versus local online branding. International Marketing Review, 2007, 24, 297-312.	3.6	35
10	Refining non-taxonomic relation labels with external structured data to support ontology learning. Data and Knowledge Engineering, 2010, 69, 763-778.	3.4	35
11	Web content mining for comparing corporate and third-party online reporting: a case study on solid waste management. Business Strategy and the Environment, 2009, 18, 137-148.	14.3	32
12	Multiple coordinated views for searching and navigating Web content repositories. Information Sciences, 2009, 179, 1813-1821.	6.9	31
13	Analyzing the public discourse on works of fiction “ Detection and visualization of emotion in online coverage about HBO’s Game of Thrones. Information Processing and Management, 2016, 52, 129-138.	8.6	30
14	Games with a purpose for social networking platforms. , 2009, , .		29
15	Between Flexibility and Automation: An Evaluation of Web Technology from a Business Process Perspective. Journal of Computer-Mediated Communication, 0, 5, 0-0.	3.3	24
16	Forecasting Tourist Arrivals with the Help of Web Sentiment: A Mixed-frequency Modeling Approach for Big Data. Tourism Analysis, 2019, 24, 437-452.	0.9	21
17	Semantic Systems and Visual Tools to Support Environmental Communication. IEEE Systems Journal, 2017, 11, 762-771.	4.6	20
18	Towards the Geospatial Web: Media Platforms for Managing Geotagged Knowledge Repositories. Advanced Information and Knowledge Processing, 2007, , 3-14.	0.3	20

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19	Comparing the Diffusion of Online Service Recovery in Small and Large Organizations. Journal of Marketing Communications, 2006, 12, 165-181.	4.0	19
20	From Web Intelligence to Knowledge Co-Creation: A Platform for Analyzing and Supporting Stakeholder Communication. IEEE Internet Computing, 2013, 17, 21-29.	3.3	19
21	A Web Analysis of Sustainability Reporting: An Oil and Gas Perspective. Journal of Website Promotion, 2008, 3, 161-182.	0.1	18
22	An Institutional Approach to Modeling the Structure and Functionality of Brokered Electronic Markets. International Journal of Electronic Commerce, 1999, 3, 71-88.	3.0	17
23	Determining the Semantic Orientation of Web-Based Corpora. Lecture Notes in Computer Science, 2003, , 840-849.	1.3	17
24	A Conceptual Research Framework for Analyzing the Evolution of Electronic Markets. Electronic Markets, 1998, 8, 39-42.	8.1	15
25	Crowdsourced Knowledge Acquisition. International Journal on Semantic Web and Information Systems, 2013, 9, 14-41.	5.1	15
26	Analyzing News Media Coverage to Acquire and Structure Tourism Knowledge. Information Technology and Tourism, 2008, 10, 3-17.	5.8	14
27	Rule-based opinion target and aspect extraction to acquire affective knowledge. , 2013, , .		14
28	Discovery and evaluation of non-taxonomic relations in domain ontologies. International Journal of Metadata, Semantics and Ontologies, 2009, 4, 212.	0.2	13
29	Success Factors of European Hotel Web Sites. , 2002, , 397-406.		13
30	Climate quiz. , 2012, , .		12
31	Accuracy of neuro-fuzzy logic and regression calculations in determining maximal lactate steady-state power output from incremental tests in humans. European Journal of Applied Physiology, 2002, 88, 264-274.	2.5	11
32	Using games with a purpose and bootstrapping to create domain-specific sentiment lexicons. , 2011, , .		10
33	Media Watch on Climate Change -- Visual Analytics for Aggregating and Managing Environmental Knowledge from Online Sources. , 2013, , .		10
34	Consolidating Heterogeneous Enterprise Data for Named Entity Linking and Web Intelligence. International Journal on Artificial Intelligence Tools, 2015, 24, 1540008.	1.0	10
35	Visualizing statistical linked knowledge for decision support. Semantic Web, 2016, 8, 113-137.	1.9	10
36	Towards cross-domain data analytics in tourism: a linked data based approach. Information Technology and Tourism, 2016, 16, 71-101.	5.8	10

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37	Games with a Purpose or Mechanised Labour?. , 2013, , .		9
38	Blockchain: An Empirical Investigation of Its Scope for Improvement. Lecture Notes in Computer Science, 2019, , 1-17.	1.3	9
39	Acquisition and Relevance of Geotagged Information in Tourism. , 2008, , 545-555.		9
40	GeoSpatial Visual Analytics. NATO Science for Peace and Security Series C: Environmental Security, 2009, , .	0.2	8
41	National Indicators of Well-being: Lessons from Pacific Island Countries' Tourism. Asia Pacific Journal of Tourism Research, 2007, 12, 203-222.	3.7	7
42	Scalable Knowledge Extraction and Visualization for Web Intelligence. , 2016, , .		7
43	Mining large samples of web-based corpora. Knowledge-Based Systems, 2004, 17, 229-233.	7.1	6
44	Annotating and visualizing location data in geospatial web applications. , 2008, , .		6
45	Augmenting Lightweight Domain Ontologies with Social Evidence Sources. , 2010, , .		6
46	Interactive visualization of emerging topics in multiple social media streams. , 2012, , .		6
47	Dealing with change: the strategies of the International Accounting Standards Board and its funders. Strategic Change, 2006, 15, 305-317.	4.1	5
48	Tracking and modelling information diffusion across interactive online media. International Journal of Metadata, Semantics and Ontologies, 2007, 2, 136.	0.2	5
49	Linked Enterprise Data for Fine Grained Named Entity Linking and Web Intelligence. , 2014, , .		5
50	Metadata enriched visualization of keywords in context. , 2014, , .		5
51	Location and the web (LocWeb 2008). , 2008, , .		4
52	Extraction and interactive exploration of knowledge from aggregated news and social media content. , 2012, , .		4
53	Extracting Opinion Targets from Environmental Web Coverage and Social Media Streams. , 2016, , .		4
54	Tourism Intelligence and Visual Media Analytics for Destination Management Organizations. Tourism on the Verge, 2017, , 165-178.	1.6	4

#	ARTICLE	IF	CITATIONS
55	Automatic Expansion of Domain-Specific Affective Models for Web Intelligence Applications. Cognitive Computation, 2022, 14, 228-245.	5.2	4
56	Multimodal Analytics Dashboard for Story Detection and Visualization. , 2019, , 281-299.		4
57	A Roadmap Towards Distributed Web Assessment. Lecture Notes in Computer Science, 2004, , 171-175.	1.3	4
58	Automated Ontology Learning and Validation Using Hypothesis Testing. , 2007, , 130-135.		4
59	Extracting knowledge from the web and social media for progress monitoring in public outreach and science communication. , 2013, , .		3
60	Dynamic Topography Information Landscapes – An Incremental Approach to Visual Knowledge Discovery. Lecture Notes in Computer Science, 2012, , 352-363.	1.3	3
61	Evolution of Web Information Systems. Computer Supported Cooperative Work / Series Ed By: Dan Diaper and Colston Sanger, 1999, , 53-64.	1.1	3
62	Capturing Ontology Evolution Processes by Repeated Sampling of Large Document Collections. , 2007, , 23-24.		3
63	The Five Stages of Customizing Web-Based Mass Information Systems. , 0, , 103-121.		3
64	Distributed Web2.0 crawling for ontology evolution. , 2007, , .		2
65	Location and the Web. , 2008, , .		2
66	Applying Optimal Stopping Theory to Improve the Performance of Ontology Refinement Methods. , 2011, , .		2
67	EVOLVE. , 2021, , .		2
68	Environmental Investment Sites: Sector Analysis and Development of GreenMoney.at. Advanced Information and Knowledge Processing, 2004, , 161-172.	0.3	2
69	Networked Knowledge - Networked Media. Studies in Computational Intelligence, 2009, , .	0.9	2
70	Evidence Sources, Methods and Use Cases for Learning Lightweight Domain Ontologies. , 2011, , 1-15.		2
71	Explanation and exploration Visualizing the topology of web information systems. International Journal of Human Computer Studies, 2001, 55, 239-258.	5.6	1
72	An Ontology-Based Architecture for Tracking Information across Interactive Electronic Environments. , 2006, , .		1

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73	Capturing and Classifying Ontology Evolution in News Media Archives. , 2008, , .		1
74	Generic high-throughput methods for multilingual sentiment detection. , 2010, , .		1
75	Knowledge capture from multiple online sources with the extensible web retrieval toolkit (eWRT). , 2013, , .		1
76	Visualizing Contextual Information in Aggregated Web Content Repositories. , 2014, , .		1
77	Introduction to Analytics, Information Systems, and Decision Technologies for Sustainability Minitrack. , 2015, , .		1
78	Building a Web-Based Knowledge Repository on Climate Change to Support Environmental Communities. Communications in Computer and Information Science, 2010, , 79-84.	0.5	1
79	The Evaluation of City Tourist Officesâ€™ Web Sites. , 2002, , 323-334.		1
80	A Classification of Web Adaptivity: Tailoring Content and Navigational Systems of Advanced Web Applications. Lecture Notes in Computer Science, 2001, , 156-169.	1.3	1
81	Chapter Eleven: Catalyzing Environmental Communication Through Evolving Internet Technology. Environmental Communication Yearbook, 2006, 3, 235-242.	0.2	1
82	Applying Vector Space Models to Ontology Link Type Suggestion. , 2007, , .		0
83	Tightly coupled views for navigating content repositories. , 2008, , .		0
84	Integrating Structural Data into Methods for Labeling Relations in Domain Ontologies. , 2009, , .		0
85	Introduction to Information Systems and Decision Technologies for Sustainable Development Minitrack. , 2012, , .		0
86	Introduction to Analytics, Informatics and Decision Support for Sustainability Minitrack. , 2013, , .		0
87	Introduction to Decision Support for Sustainability Minitrack. , 2014, , .		0
88	Topic wizard. , 2015, , .		0
89	Climate challenge. , 2015, , .		0
90	Detection of Valid Sentiment-Target Pairs in Online Product Reviews and News Media Articles. , 2016, , .		0

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91	Introduction to Analytics, Information Systems and Decision Technologies for Sustainability Minitrack. , 2016, , .		0
92	Leveraging Online Information to Build Customer Relationships. , 2001, , 15-30.		0
93	Matchmaking Mechanisms for Agent-Mediated Electronic Markets. , 2001, , 281-291.		0
94	Adaptive Web Representation. , 2002, , 255-260.		0
95	An Evaluation Framework and Adaptive Architecture for Automated Sentiment Detection. Studies in Computational Intelligence, 2009, , 217-234.	0.9	0
96	Exploring Environmental News Via Geospatial Interfaces and Virtual Globes. NATO Science for Peace and Security Series C: Environmental Security, 2009, , 321-330.	0.2	0
97	Online News Monitoring for Enhanced Reuse of Audiovisual Archives. Lecture Notes in Computer Science, 2020, , 243-248.	1.3	0