

# Amit Sheth

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2404777/publications.pdf>

Version: 2024-02-01

210  
papers

11,389  
citations

57758

44  
h-index

40979

93  
g-index

220  
all docs

220  
docs citations

220  
times ranked

8557  
citing authors

#	ARTICLE	IF	CITATIONS
1	Defining and detecting toxicity on social media: context and knowledge are key. <i>Neurocomputing</i> , 2022, 490, 312-318.	5.9	26
2	Synthesis of CdZnTeSe single crystals for room temperature radiation detector fabrication: mitigation of hole trapping effects using a convolutional neural network. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 1452-1463.	2.2	1
3	CausalkG: Causal Knowledge Graph Explainability Using Interventional and Counterfactual Reasoning. <i>IEEE Internet Computing</i> , 2022, 26, 43-50.	3.3	6
4	Drug Abuse Ontology to Harness Web-Based Data for Substance Use Epidemiology Research: Ontology Development Study. <i>JMIR Public Health and Surveillance</i> , 2022, 8, e24938.	2.6	7
5	An Ontology for Cardiothoracic Surgical Education and Clinical Data Analytics. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.3	3
6	Knowledge-Based Entity Prediction for Improved Machine Perception in Autonomous Systems. <i>IEEE Intelligent Systems</i> , 2022, 37, 42-49.	4.0	3
7	Assessing the Severity of Health States based on Social Media Posts. , 2021, , .		1
8	Knowledge-Intensive Language Understanding for Explainable AI. <i>IEEE Internet Computing</i> , 2021, 25, 19-24.	3.3	12
9	Semantics of the Black-Box: Can Knowledge Graphs Help Make Deep Learning Systems More Interpretable and Explainable?. <i>IEEE Internet Computing</i> , 2021, 25, 51-59.	3.3	65
10	When the Bad Is Good and the Good Is Bad: Understanding Cyber Social Health Through Online Behavioral Change. <i>IEEE Internet Computing</i> , 2021, 25, 46-47.	3.3	0
11	Cognitive Digital Twins for Smart Manufacturing. <i>IEEE Intelligent Systems</i> , 2021, 36, 96-100.	4.0	23
12	“When they say weed causes depression, but it’s your fav antidepressant” Knowledge-aware attention framework for relationship extraction. <i>PLoS ONE</i> , 2021, 16, e0248299.	2.5	6
13	Knowledge-Infused Abstractive Summarization of Clinical Diagnostic Interviews: Framework Development Study. <i>JMIR Mental Health</i> , 2021, 8, e20865.	3.3	11
14	The Duality of Data and Knowledge Across the Three Waves of AI. <i>IT Professional</i> , 2021, 23, 35-45.	1.5	2
15	Characterization of time-variant and time-invariant assessment of suicidality on Reddit using C-SSRS. <i>PLoS ONE</i> , 2021, 16, e0250448.	2.5	12
16	Designing Children’s New Learning Partner: Collaborative Artificial Intelligence for Learning to Solve the Rubik’s Cube. , 2021, , .		6
17	Towards Semantic Integration of Machine Vision Systems to Aid Manufacturing Event Understanding. <i>Sensors</i> , 2021, 21, 4276.	3.8	7
18	“Etazene, safer than heroin and fentanyl” Non-fentanyl novel synthetic opioid listings on one darknet market. <i>Drug and Alcohol Dependence</i> , 2021, 225, 108790.	3.2	11

#	ARTICLE	IF	CITATIONS
19	When the Bad is Good and the Good is Bad: Understanding Cyber Social Health Through Online Behavioral Change. IEEE Internet Computing, 2021, 25, 6-11.	3.3	4
20	“Who can help me?” Knowledge Infused Matching of Support Seekers and Support Providers during COVID-19 on Reddit. , 2021, , .		3
21	Comparing Suicide Risk Insights derived from Clinical and Social Media data. AMIA Summits on Translational Science Proceedings, 2021, 2021, 364-373.	0.4	0
22	Knowledge-infused Learning for Entity Prediction in Driving Scenes. Frontiers in Big Data, 2021, 4, 759110.	2.9	10
23	Knowledge Graphs to Empower Humanity-Inspired AI Systems. IEEE Internet Computing, 2020, 24, 48-54.	3.3	9
24	Characterizing Trends in Synthetic Cannabinoid Receptor Agonist Use from Patient Clinical Evaluations during Medical Toxicology Consultation. Journal of Psychoactive Drugs, 2020, 53, 1-8.	1.7	0
25	Listed for sale: Analyzing data on fentanyl, fentanyl analogs and other novel synthetic opioids on one cryptomarket. Drug and Alcohol Dependence, 2020, 213, 108115.	3.2	18
26	Knowledge Graph Semantic Enhancement of Input Data for Improving AI. IEEE Internet Computing, 2020, 24, 66-72.	3.3	15
27	Early-onset colorectal cancer: initial clues and current views. Nature Reviews Gastroenterology and Hepatology, 2020, 17, 352-364.	17.8	220
28	Multimodal mental health analysis in social media. PLoS ONE, 2020, 15, e0226248.	2.5	58
29	Analyzing and learning the language for different types of harassment. PLoS ONE, 2020, 15, e0227330.	2.5	15
30	ALONE: A Dataset for Toxic Behavior Among Adolescents on Twitter. Lecture Notes in Computer Science, 2020, , 427-439.	1.3	12
31	eDarkFind: Unsupervised Multi-view Learning for Sybil Account Detection. , 2020, , .		12
32	Knowledge-infused Deep Learning. , 2020, , .		8
33	Knowledge Graphs and Knowledge Networks: The Story in Brief. IEEE Internet Computing, 2019, 23, 67-75.	3.3	42
34	kBot: Knowledge-Enabled Personalized Chatbot for Asthma Self-Management. , 2019, 2019, 138-143.		64
35	A Pipeline for Disaster Response and Relief Coordination. , 2019, , .		1
36	Extending Patient-Chatbot Experience with Internet-of-Things and Background Knowledge: Case Studies with Healthcare Applications. IEEE Intelligent Systems, 2019, 34, 24-30.	4.0	22

#	ARTICLE	IF	CITATIONS
37	Cognitive Services and Intelligent Chatbots: Current Perspectives and Special Issue Introduction. IEEE Internet Computing, 2019, 23, 6-12.	3.3	26
38	Social determinants of health in mental health care and research: a case for greater inclusion. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 895-899.	4.4	25
39	Multimodal Emotion Classification. , 2019, , .		19
40	Knowledge-aware Assessment of Severity of Suicide Risk for Early Intervention. , 2019, , .		75
41	Question Answering for Suicide Risk Assessment Using Reddit. , 2019, , .		23
42	Knowledge Graph Enhanced Community Detection and Characterization. , 2019, , .		25
43	Shades of Knowledge-Infused Learning for Enhancing Deep Learning. IEEE Internet Computing, 2019, 23, 54-63.	3.3	36
44	Modeling Islamist Extremist Communications on Social Media using Contextual Dimensions. Proceedings of the ACM on Human-Computer Interaction, 2019, 3, 1-22.	3.3	32
45	Predictive Analysis on Twitter: Techniques and Applications. Lecture Notes in Social Networks, 2019, , 67-104.	0.1	41
46	Domain-Specific Use Cases for Knowledge-Enabled Social Media Analysis. Lecture Notes in Social Networks, 2019, , 233-246.	0.1	3
47	Global trends, local harms: availability of fentanyl-type drugs on the dark web and accidental overdoses in Ohio. Computational and Mathematical Organization Theory, 2019, 25, 48-59.	2.0	16
48	Identifying Key Topics Bearing Negative Sentiment on Twitter: Insights Concerning the 2015-2016 Zika Epidemic. JMIR Public Health and Surveillance, 2019, 5, e11036.	2.6	30
49	Determination of Personalized Asthma Triggers From Multimodal Sensing and a Mobile App: Observational Study. JMIR Pediatrics and Parenting, 2019, 2, e14300.	1.6	23
50	Predicting public opinion on drug legalization. , 2019, , .		1
51	Automatic Identification of Individual Drugs in Death Certificates. Studies in Health Technology and Informatics, 2019, 264, 183-187.	0.3	0
52	A Twitter-based survey on marijuana concentrate use. Drug and Alcohol Dependence, 2018, 187, 155-159.	3.2	34
53	Toward Practical Privacy-Preserving Analytics for IoT and Cloud-Based Healthcare Systems. IEEE Internet Computing, 2018, 22, 42-51.	3.3	159
54	IoT-Enhanced Human Experience. IEEE Internet Computing, 2018, 22, 4-7.	3.3	9

#	ARTICLE	IF	CITATIONS
55	"You got to love rosin: Solventless dabs, pure, clean, natural medicine." Exploring Twitter data on emerging trends in Rosin Tech marijuana concentrates. Drug and Alcohol Dependence, 2018, 183, 248-252.	3.2	22
56	D-record. , 2018, , .		3
57	Enhancing Crowd Wisdom Using Explainable Diversity Inferred from Social Media. , 2018, , .		2
58	What's ur Type? Contextualized Classification of User Types in Marijuana-Related Communications Using Compositional Multiview Embedding. , 2018, , .		5
59	"Let Me Tell You About Your Mental Health!". , 2018, , .		44
60	From Raw Data to Smart Manufacturing: AI and Semantic Web of Things for Industry 4.0. IEEE Intelligent Systems, 2018, 33, 79-86.	4.0	89
61	Reports of the Workshops of the 32nd AAAI Conference on Artificial Intelligence. AI Magazine, 2018, 39, 45-56.	1.6	1
62	Next-Generation Smart Environments: From System of Systems to Data Ecosystems. IEEE Intelligent Systems, 2018, 33, 69-76.	4.0	39
63	Mental Health Analysis Via Social Media Data. , 2018, , .		13
64	Building IoT-Based Applications for Smart Cities: How Can Ontology Catalogs Help?. IEEE Internet of Things Journal, 2018, 5, 3978-3990.	8.7	59
65	A Quality Type-aware Annotated Corpus and Lexicon for Harassment Research. , 2018, , .		31
66	How Will the Internet of Things Enable Augmented Personalized Health?. IEEE Intelligent Systems, 2018, 33, 89-97.	4.0	60
67	Knowledge Extraction for the Web of Things (KE4WoT). , 2018, , .		3
68	Twitris: A System for Collective Social Intelligence. , 2018, , 3212-3234.		5
69	Feature engineering for twitter-based applications. , 2018, , 359-393.		10
70	â€œHow Is My Childâ€™s Asthma?â€•Digital Phenotype and Actionable Insights for Pediatric Asthma. JMIR Pediatrics and Parenting, 2018, 1, e11988.	1.6	31
71	Personalized Health Knowledge Graph. CEUR Workshop Proceedings, 2018, 2317, .	2.3	0
72	Investigation of an Indoor Air Quality Sensor for Asthma Management in Children. , 2017, 1, 1-4.		33

#	ARTICLE	IF	CITATIONS
73	IoT Quality Control for Data and Application Needs. IEEE Intelligent Systems, 2017, 32, 68-73.	4.0	38
74	A semantics-based measure of emoji similarity. , 2017, , .		30
75	Enhancing crowd wisdom using measures of diversity computed from social media data. , 2017, , .		8
76	Challenges of Sentiment Analysis for Dynamic Events. IEEE Intelligent Systems, 2017, 32, 70-75.	4.0	103
77	On Using the Intelligent Edge for IoT Analytics. IEEE Intelligent Systems, 2017, 32, 64-69.	4.0	130
78	“Retweet to Pass the Blunt”: Analyzing Geographic and Content Features of Cannabis-Related Tweeting Across the United States. Journal of Studies on Alcohol and Drugs, 2017, 78, 910-915.	1.0	22
79	Characterizing marijuana concentrate users: A web-based survey. Drug and Alcohol Dependence, 2017, 178, 399-407.	3.2	53
80	Semi-Supervised Approach to Monitoring Clinical Depressive Symptoms in Social Media. , 2017, 2017, 1191-1198.		94
81	Domain-specific hierarchical subgraph extraction: A recommendation use case. , 2017, , .		5
82	Augmented personalized health: How smart data with IoTs and AI is about to change healthcare. , 2017, 2017, .		32
83	Knowledge will propel machine understanding of content. , 2017, 2017, 1-9.		13
84	Increases in synthetic cannabinoids-related harms: Results from a longitudinal web-based content analysis. International Journal of Drug Policy, 2017, 44, 121-129.	3.3	31
85	A Knowledge Graph Framework for Detecting Traffic Events Using Stationary Cameras. , 2017, , .		7
86	What Are People Tweeting About Zika? An Exploratory Study Concerning Its Symptoms, Treatment, Transmission, and Prevention. JMIR Public Health and Surveillance, 2017, 3, e38.	2.6	89
87	Relatedness-based Multi-Entity Summarization. , 2017, 2017, 1060-1066.		7
88	Twitris: A System for Collective Social Intelligence. , 2017, , 1-23.		2
89	Harnessing relationships for domain-specific subgraph extraction: A recommendation use case. , 2016, , .		8
90	Finding street gang members on Twitter. , 2016, 206, 685-692.		22

#	ARTICLE	IF	CITATIONS
91	“Those edibles hit hard” Exploration of Twitter data on cannabis edibles in the U.S. Drug and Alcohol Dependence, 2016, 164, 64-70.	3.2	102
92	Building the Web of Knowledge with Smart IoT Applications. IEEE Intelligent Systems, 2016, 31, 83-88.	4.0	25
93	Semantic Filtering for Social Data. IEEE Internet Computing, 2016, 20, 74-78.	3.3	27
94	Smart cities “enabling services and applications. Journal of Internet Services and Applications, 2016, 7, .	2.1	27
95	On Searching the Internet of Things: Requirements and Challenges. IEEE Intelligent Systems, 2016, 31, 71-75.	4.0	66
96	EmojiNet: Building a Machine Readable Sense Inventory for Emoji. Lecture Notes in Computer Science, 2016, 10046, 527-541.	1.3	34
97	Semantic, Cognitive, and Perceptual Computing: Paradigms That Shape Human Experience. Computer, 2016, 49, 64-72.	1.1	21
98	Internet of Things to Smart IoT Through Semantic, Cognitive, and Perceptual Computing. IEEE Intelligent Systems, 2016, 31, 108-112.	4.0	134
99	Cleaning Types for Literals in RDF Triples with Application to Entity Summarization. Lecture Notes in Computer Science, 2016, , 85-100.	1.3	23
100	“When “Bad” is “Good” Identifying Personal Communication and Sentiment in Drug-Related Tweets. JMIR Public Health and Surveillance, 2016, 2, e162.	2.6	68
101	Intent Classification of Short-Text on Social Media. , 2015, , .		39
102	“Time for dabs” Analyzing Twitter data on marijuana concentrates across the U.S.. Drug and Alcohol Dependence, 2015, 155, 307-311.	3.2	101
103	Knowledge-Driven Personalized Contextual mHealth Service for Asthma Management in Children. , 2015, , .		14
104	Feedback-Driven Radiology Exam Report Retrieval with Semantics. , 2015, , .		1
105	“Sub is a weird drug:” A web-based study of lay attitudes about use of buprenorphine to self-treat opioid withdrawal symptoms. American Journal on Addictions, 2015, 24, 403-409.	1.4	27
106	Semantics-Empowered Big Data Processing with Applications. AI Magazine, 2015, 36, 39-54.	1.6	4
107	Implicit Information Extraction from Clinical Notes. , 2015, , .		0
108	Extracting City Traffic Events from Social Streams. ACM Transactions on Intelligent Systems and Technology, 2015, 6, 1-27.	4.5	64

#	ARTICLE	IF	CITATIONS
109	Physical-Cyber-Social Computing: Looking Back, Looking Forward. IEEE Internet Computing, 2015, 19, 7-11.	3.3	22
110	Semantic Gateway as a Service Architecture for IoT Interoperability. , 2015, , .		195
111	Application Portability in Cloud Computing: An Abstraction-Driven Perspective. IEEE Transactions on Services Computing, 2015, 8, 945-957.	4.6	20
112	Implicit Entity Recognition in Clinical Documents. , 2015, , .		6
113	Alignment and dataset identification of linked data inÂSemantic Web. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2014, 4, 139-151.	6.8	5
114	Applications of Multimodal Physical (IoT), Cyber and Social Data for Reliable and Actionable Insights. , 2014, , .		4
115	Hierarchical interest graph from tweets. , 2014, , .		6
116	Don't like RDF reification?. , 2014, 2014, 759-770.		75
117	Assisting coordination during crisis. , 2014, , .		8
118	Semantics Driven Approach for Knowledge Acquisition From EMRs. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 515-524.	6.3	18
119	Comparative trust management with applications: Bayesian approaches emphasis. Future Generation Computer Systems, 2014, 31, 182-199.	7.5	49
120	Twitris: A System for Collective Social Intelligence. , 2014, , 2240-2253.		24
121	Comparative Analysis of Online Health Queries Originating From Personal Computers and Smart Devices on a Consumer Health Information Portal. Journal of Medical Internet Research, 2014, 16, e160.	4.3	31
122	Analysis of online information searching for cardiovascular diseases on a consumer health information portal. AMIA ... Annual Symposium proceedings, 2014, 2014, 739-48.	0.2	3
123	Automatic Domain Identification for Linked Open Data. , 2013, , .		18
124	â€œI just wanted to tell you that loperamide WILL WORKâ€: A web-based study of extra-medical use of loperamide. Drug and Alcohol Dependence, 2013, 130, 241-244.	3.2	117
125	From Data to Actionable Knowledge: Big Data Challenges in the Web of Things [Guest Editors' Introduction]. IEEE Intelligent Systems, 2013, 28, 6-11.	4.0	116
126	Characterising Concepts of Interest Leveraging Linked Data and the Social Web. , 2013, , .		2



#	ARTICLE	IF	CITATIONS
127	A statistical and schema independent approach to identify equivalent properties on linked data. , 2013, , .		16
128	Physical-Cyber-Social Computing: An Early 21st Century Approach. IEEE Intelligent Systems, 2013, 28, 78-82.	4.0	164
129	Topical anomaly detection from Twitter stream. , 2012, , .		12
130	Computing perception from sensor data. , 2012, , .		15
131	The SSN ontology of the W3C semantic sensor network incubator group. Web Semantics, 2012, 17, 25-32.	2.9	1,070
132	Semantics Empowered Web 3.0: Managing Enterprise, Social, Sensor, and Cloud-based Data and Services for Advanced Applications. Synthesis Lectures on Data Management, 2012, 4, 1-175.	0.6	10
133	Data driven knowledge acquisition method for domain knowledge enrichment in the healthcare. , 2012, , .		7
134	A new landscape for distributed and parallel data management. Distributed and Parallel Databases, 2012, 30, 101-103.	1.6	9
135	Semantic Perception: Converting Sensory Observations to Abstractions. IEEE Internet Computing, 2012, 16, 26-34.	3.3	48
136	Towards Cloud Mobile Hybrid Application Generation Using Semantically Enriched Domain Specific Languages. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 349-360.	0.3	2
137	An Efficient Bit Vector Approach to Semantics-Based Machine Perception in Resource-Constrained Devices. Lecture Notes in Computer Science, 2012, , 149-164.	1.3	15
138	An ontological approach to focusing attention and enhancing machine perception on the Web. Applied Ontology, 2011, 6, 345-376.	2.0	19
139	Semantics in Location-Based Services [Guest editor's introduction]. IEEE Internet Computing, 2011, 15, 10-14.	3.3	32
140	Semantics Scales Up: Beyond Search in Web 3.0. IEEE Internet Computing, 2011, 15, 3-6.	3.3	7
141	The Cloud Agnostic e-Science Analysis Platform. IEEE Internet Computing, 2011, 15, 85-89.	3.3	4
142	Extending Semantic Provenance into the Web of Data. IEEE Internet Computing, 2011, 15, 40-48.	3.3	18
143	Guest Editors' Introduction: Provenance in Web Applications. IEEE Internet Computing, 2011, 15, 17-21.	3.3	15
144	Web Wisdom: An essay on how Web 2.0 and Semantic Web can foster a global knowledge society. Computers in Human Behavior, 2011, 27, 1285-1293.	8.5	10

#	ARTICLE	IF	CITATIONS
145	RNAP II CTD Phosphorylated on Threonine-4 Is Required for Histone mRNA 3' End Processing. Science, 2011, 334, 683-686.	12.6	136
146	Kino: A Generic Document Management System for Biologists Using SA-REST and Faceted Search. , 2011, , .		13
147	Multimodal social intelligence in a real-time dashboard system. VLDB Journal, 2010, 19, 825-848.	4.1	23
148	Continuous Semantics to Analyze Real-Time Data. IEEE Internet Computing, 2010, 14, 84-89.	3.3	35
149	Computing for human experience: Semantics-empowered sensors, services, and social computing on the ubiquitous Web. IEEE Internet Computing, 2010, 14, 88-91.	3.3	55
150	Pattern-based synonym and antonym extraction. , 2010, , .		14
151	Power of Clouds in Your Pocket: An Efficient Approach for Cloud Mobile Hybrid Application Development. , 2010, , .		22
152	Linked sensor data. , 2010, , .		96
153	Semantics Centric Solutions for Application and Data Portability in Cloud Computing. , 2010, , .		26
154	Semantic Modeling for Cloud Computing, Part 1. IEEE Internet Computing, 2010, 14, 81-83.	3.3	48
155	Semantic Modeling for Cloud Computing, Part 2. IEEE Internet Computing, 2010, 14, 81-84.	3.3	32
156	Provenance Context Entity (PaCE): Scalable Provenance Tracking for Scientific RDF Data. Lecture Notes in Computer Science, 2010, 6187, 461-470.	1.3	21
157	Janus: From Workflows to Semantic Provenance and Linked Open Data. Lecture Notes in Computer Science, 2010, , 129-141.	1.3	39
158	Semantics-Empowered Social Computing. IEEE Internet Computing, 2009, 13, 76-80.	3.3	16
159	Citizen Sensing, Social Signals, and Enriching Human Experience. IEEE Internet Computing, 2009, 13, 87-92.	3.3	156
160	Context and Domain Knowledge Enhanced Entity Spotting in Informal Text. Lecture Notes in Computer Science, 2009, , 260-276.	1.3	25
161	Ontology-Driven Provenance Management in eScience: An Application in Parasite Research. Lecture Notes in Computer Science, 2009, , 992-1009.	1.3	9
162	Business process management. Data and Knowledge Engineering, 2008, 64, 1-2.	3.4	5

#	ARTICLE	IF	CITATIONS
163	Services Mashups: The New Generation of Web Applications. IEEE Internet Computing, 2008, 12, 13-15.	3.3	219
164	Traveling the Semantic Web through Space, Time, and Theme. IEEE Internet Computing, 2008, 12, 81-86.	3.3	42
165	Semantic Provenance for eScience: Managing the Deluge of Scientific Data. IEEE Internet Computing, 2008, 12, 46-54.	3.3	70
166	Semantic Sensor Web. IEEE Internet Computing, 2008, 12, 78-83.	3.3	483
167	Growing Fields of Interest - Using an Expand and Reduce Strategy for Domain Model Extraction. , 2008, , .		10
168	Scalable semantic analytics on social networks for addressing the problem of conflict of interest detection. ACM Transactions on the Web, 2008, 2, 1-29.	2.5	29
169	Inter-enterprise System and Application Integration: A Reality Check. Lecture Notes in Business Information Processing, 2008, , 3-15.	1.0	2
170	SPARQ2L. , 2007, , .		69
171	Semantically Annotating a Web Service. IEEE Internet Computing, 2007, 11, 83-85.	3.3	82
172	Semantic Web Services, Part 2. IEEE Intelligent Systems, 2007, 22, 8-15.	4.0	31
173	Welcome to Prof. Amit Sheth. Distributed and Parallel Databases, 2007, 22, 105-106.	1.6	0
174	Semantic Interoperability of Web Services - Challenges and Experiences. , 2006, , .		72
175	Optimal Adaptation in Web Processes with Coordination Constraints. , 2006, , .		33
176	Knowledge modeling and its application in life sciences. , 2006, , .		24
177	Semantic WS-agreement partner selection. , 2006, , .		104
178	Semantics to energize the full services spectrum. Communications of the ACM, 2006, 49, 55-61.	4.5	62
179	Chapter 1 On the expressiveness of the languages for the semantic web â€” Making a case for â€”a little moreâ€™. Capturing Intelligence, 2006, 1, 3-20.	1.5	14
180	Template Based Semantic Similarity for Security Applications. Lecture Notes in Computer Science, 2005, , 621-622.	1.3	11

#	ARTICLE	IF	CITATIONS
181	METEOR-S WSDI: A Scalable P2P Infrastructure of Registries for Semantic Publication and Discovery of Web Services. Information Technology and Management, 2005, 6, 17-39.	2.4	336
182	Semantics for the Semantic Web. International Journal on Semantic Web and Information Systems, 2005, 1, 1-18.	5.1	126
183	A semantic template based designer for Web processes. , 2005, , .		5
184	Introduction to Semantic Web Services and Web Process Composition. Lecture Notes in Computer Science, 2005, , 1-13.	1.3	46
185	Enterprise Applications of Semantic Web: The Sweet Spot of Risk and Compliance. , 2005, , 47-62.		8
186	OpenWS-Transaction: Enabling Reliable Web Service Transactions. Lecture Notes in Computer Science, 2005, , 490-494.	1.3	3
187	Semantic Association Identification and Knowledge Discovery for National Security Applications. Journal of Database Management, 2005, 16, 33-53.	1.5	105
188	Quality of Service for Workflows and Web Service Processes. SSRN Electronic Journal, 2004, , .	0.4	7
189	Workflow Management Systems and ERP Systems: Differences, Commonalities, and Applications. Information Technology and Management, 2004, 5, 319-338.	2.4	45
190	Quality of service for workflows and web service processes. Web Semantics, 2004, 1, 281-308.	2.9	723
191	Discovery of Web services in a federated registry environment. , 2004, , .		41
192	Relationships at the Heart of Semantic Web: Modeling, Discovering, and Exploiting Complex Semantic Relationships. Studies in Fuzziness and Soft Computing, 2004, , 63-94.	0.8	32
193	Semantic E-Workflow Composition. Journal of Intelligent Information Systems, 2003, 21, 191-225.	3.9	280
194	IntelliGEN: A Distributed Workflow System for Discovering Protein-Protein Interactions. Distributed and Parallel Databases, 2003, 13, 43-72.	1.6	67
195	Î <sub>j</sub> -Queries. , 2003, , .		133
196	The Î <sub>o</sub> operator. SIGMOD Record, 2002, 31, 42-47.	1.2	46
197	Authorization and Access Control of Application Data in Workflow Systems. Journal of Intelligent Information Systems, 2002, 18, 71-94.	3.9	51
198	Exception Handling in Workflow Systems. Applied Intelligence, 2000, 13, 125-147.	5.3	112

#	ARTICLE	IF	CITATIONS
199	Video anywhere. SIGMOD Record, 1999, 28, 104-114.	1.2	3
200	From the SIGGROUP's US Advisor for Workflow. ACM SIGGROUP Bulletin, 1997, 18, 17.	0.4	7
201	WORP (a public resource and repository for workflow and process management) and upcoming events in workflow. ACM SIGGROUP Bulletin, 1997, 18, 9-10.	0.4	0
202	Semantic and schematic similarities between database objects: a context-based approach. VLDB Journal, 1996, 5, 276-304.	4.1	279
203	Bounding the effects of compensation under relaxed multi-level serializability. Distributed and Parallel Databases, 1996, 4, 355-374.	1.6	10
204	InfoHarness. SIGMOD Record, 1995, 24, 478.	1.2	0
205	An overview of workflow management: From process modeling to workflow automation infrastructure. Distributed and Parallel Databases, 1995, 3, 119-153.	1.6	1,130
206	Managing heterogeneous multi-system tasks to support enterprise-wide operations. Distributed and Parallel Databases, 1995, 3, 155-186.	1.6	125
207	Structural schema integration with full and partial correspondence using the dual model. Information Systems, 1992, 17, 443-464.	3.6	13
208	The SSN Ontology of the W3C Semantic Sensor Network Incubator Group. SSRN Electronic Journal, 0, , .	0.4	39
209	Personalized Digital Phenotype Score, Healthcare Management and Intervention Strategies Using Knowledge Enabled Digital Health Framework for Pediatric Asthma. , 0, , .		0
210	Emergency-relief coordination on social media: Automatically matching resource requests and offers. First Monday, 0, , .	0.6	69