

Hsinchun Chen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

227
papers

7,893
citations

44
h-index

81
g-index

252
ext. papers

9,320
ext. citations

4
avg, IF

6.25
L-index

#	Paper	IF	Citations
227	Credit rating analysis with support vector machines and neural networks: a market comparative study. <i>Decision Support Systems</i> , 2004 , 37, 543-558	5.6	590
226	Textual analysis of stock market prediction using breaking financial news. <i>ACM Transactions on Information Systems</i> , 2009 , 27, 1-19	4.8	347
225	A framework for authorship identification of online messages: Writing-style features and classification techniques. <i>Journal of the Association for Information Science and Technology</i> , 2006 , 57, 378-393		342
224	The information content of mandatory risk factor disclosures in corporate filings. <i>Review of Accounting Studies</i> , 2014 , 19, 396-455	2.9	307
223	Criminal network analysis and visualization. <i>Communications of the ACM</i> , 2005 , 48, 100-107	2.5	241
222	Writeprints. <i>ACM Transactions on Information Systems</i> , 2008 , 26, 1-29	4.8	210
221	Evaluating sentiment in financial news articles. <i>Decision Support Systems</i> , 2012 , 53, 458-464	5.6	181
220	Internet Categorization and Search: A Self-Organizing Approach. <i>Journal of Visual Communication and Image Representation</i> , 1996 , 7, 88-102	2.7	180
219	CrimeNet explorer: a framework for criminal network knowledge discovery. <i>ACM Transactions on Information Systems</i> , 2005 , 23, 201-226	4.8	161
218	Internet browsing and searching: User evaluations of category map and concept space techniques. <i>Journal of the Association for Information Science and Technology</i> , 1998 , 49, 582-603		143
217	Longitudinal Patent Analysis for Nanoscale Science and Engineering: Country, Institution and Technology Field. <i>Journal of Nanoparticle Research</i> , 2003 , 5, 333-363	2.3	121
216	A Visual Framework for Knowledge Discovery on the Web: An Empirical Study of Business Intelligence Exploration. <i>Journal of Management Information Systems</i> , 2005 , 21, 57-84	5.3	118
215	A graph model for E-commerce recommender systems. <i>Journal of the Association for Information Science and Technology</i> , 2004 , 55, 259-274		114
214	Machine learning for information retrieval: Neural networks, symbolic learning, and genetic algorithms. <i>Journal of the Association for Information Science and Technology</i> , 1995 , 46, 194-216		111
213	Uncovering the dark Web: A case study of Jihad on the Web. <i>Journal of the Association for Information Science and Technology</i> , 2008 , 59, 1347-1359		104
212	COPLINK. <i>Communications of the ACM</i> , 2003 , 46, 28-34	2.5	104
211	International nanotechnology development in 2003: Country, institution, and technology field analysis based on USPTO patent database. <i>Journal of Nanoparticle Research</i> , 2004 , 6, 325-354	2.3	102

210	CI Spider: a tool for competitive intelligence on the Web. <i>Decision Support Systems</i> , 2002 , 34, 1-17	5.6	95
209	A concept space approach to addressing the vocabulary problem in scientific information retrieval: An experiment on the Worm Community System. <i>Journal of the Association for Information Science and Technology</i> , 1997 , 48, 17-31		88
208	Patent citation network in nanotechnology (1976-2004). <i>Journal of Nanoparticle Research</i> , 2007 , 9, 337-352		85
207	A Tensor-Based Information Framework for Predicting the Stock Market. <i>ACM Transactions on Information Systems</i> , 2016 , 34, 1-30	4.8	84
206	A machine learning approach to web page filtering using content and structure analysis. <i>Decision Support Systems</i> , 2008 , 44, 482-494	5.6	82
205	Affect Analysis of Web Forums and Blogs Using Correlation Ensembles. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2008 , 20, 1168-1180	4.2	82
204	COPLINK Connect: information and knowledge management for law enforcement. <i>Decision Support Systems</i> , 2003 , 34, 271-285	5.6	79
203	Trends in worldwide nanotechnology patent applications: 1991 to 2008. <i>Journal of Nanoparticle Research</i> , 2010 , 12, 687-706	2.3	78
202	Trends in nanotechnology patents. <i>Nature Nanotechnology</i> , 2008 , 3, 123-5	28.7	78
201	Newsmap: a knowledge map for online news. <i>Decision Support Systems</i> , 2005 , 39, 583-597	5.6	78
200	Automatic thesaurus generation for an electronic community system. <i>Journal of the Association for Information Science and Technology</i> , 1995 , 46, 175-193		74
199	Visualization of large category map for Internet browsing. <i>Decision Support Systems</i> , 2003 , 35, 89-102	5.6	69
198	Comparing noun phrasing techniques for use with medical digital library tools. <i>Journal of the Association for Information Science and Technology</i> , 2000 , 51, 352-370		67
197	Worldwide nanotechnology development: a comparative study of USPTO, EPO, and JPO patents (1976-2004). <i>Journal of Nanoparticle Research</i> , 2007 , 9, 977-1002	2.3	66
196	Document clustering for electronic meetings: an experimental comparison of two techniques. <i>Decision Support Systems</i> , 1999 , 27, 67-79	5.6	66
195	Business Intelligence and Analytics. <i>ACM Transactions on Management Information Systems</i> , 2013 , 3, 1-102		62
194	Building large-scale digital libraries. <i>Computer</i> , 1996 , 29, 22-26	1.6	62
193	Using Coplink to analyze criminal-justice data. <i>Computer</i> , 2002 , 35, 30-37	1.6	60

192	Cognitive process as a basis for intelligent retrieval systems design. <i>Information Processing and Management</i> , 1991 , 27, 405-432	6.3	60
191	Trends for nanotechnology development in China, Russia, and India. <i>Journal of Nanoparticle Research</i> , 2009 , 11, 1845-1866	2.3	59
190	Design and evaluation of a multi-agent collaborative Web mining system. <i>Decision Support Systems</i> , 2003 , 35, 167-183	5.6	58
189	A parallel computing approach to creating engineering concept spaces for semantic retrieval: the Illinois Digital Library Initiative project. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 1996 , 18, 771-782	13.3	53
188	MetaSpider: Meta-searching and categorization on the Web. <i>Journal of the Association for Information Science and Technology</i> , 2001 , 52, 1134-1147		51
187	Exploring threats and vulnerabilities in hacker web: Forums, IRC and carding shops 2015 ,		47
186	A graphical, self-organizing approach to classifying electronic meeting output. <i>Journal of the Association for Information Science and Technology</i> , 1997 , 48, 157-170		47
185	Global nanotechnology development from 1991 to 2012: patents, scientific publications, and effect of NSF funding. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	45
184	Expertise visualization: An implementation and study based on cognitive fit theory. <i>Decision Support Systems</i> , 2006 , 42, 1539-1557	5.6	45
183	A smart it'sy bitsy spider for the Web. <i>Journal of the Association for Information Science and Technology</i> , 1998 , 49, 604-618		44
182	Meeting medical terminology needs--the Ontology-Enhanced Medical Concept Mapper. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2001 , 5, 261-70		44
181	A machine learning approach to inductive query by examples: An experiment using relevance feedback, ID3, genetic algorithms, and simulated annealing. <i>Journal of the Association for Information Science and Technology</i> , 1998 , 49, 693-705		40
180	Kernel-based learning for biomedical relation extraction. <i>Journal of the Association for Information Science and Technology</i> , 2008 , 59, 756-769		40
179	Web mining: Machine learning for web applications. <i>Annual Review of Information Science & Technology</i> , 2005 , 38, 289-329		40
178	Information navigation on the web by clustering and summarizing query results. <i>Information Processing and Management</i> , 2001 , 37, 789-816	6.3	40
177	Exploring hacker assets in underground forums 2015 ,		39
176	A research framework for pharmacovigilance in health social media: Identification and evaluation of patient adverse drug event reports. <i>Journal of Biomedical Informatics</i> , 2015 , 58, 268-279	10.2	39
175	Longitudinal Nanotechnology Development (1991--2002): National Science Foundation Funding and its Impact on Patents. <i>Journal of Nanoparticle Research</i> , 2005 , 7, 343-376	2.3	39

174	HelpfulMed: Intelligent searching for medical information over the internet. <i>Journal of the Association for Information Science and Technology</i> , 2003 , 54, 683-694		38
173	Identifying Top Sellers In Underground Economy Using Deep Learning-Based Sentiment Analysis 2014 ,		36
172	2012 ,		36
171	Text-based video content classification for online video-sharing sites. <i>Journal of the Association for Information Science and Technology</i> , 2010 , 61, 891-906		36
170	Epidemic model for information diffusion in web forums: experiments in marketing exchange and political dialog. <i>SpringerPlus</i> , 2016 , 5, 66		35
169	Stylometric Identification in Electronic Markets: Scalability and Robustness. <i>Journal of Management Information Systems</i> , 2008 , 25, 49-78	5.3	35
168	Internet searching and browsing in a multilingual world: An experiment on the Chinese Business Intelligence Portal (CBizPort). <i>Journal of the Association for Information Science and Technology</i> , 2004 , 55, 818-831		35
167	Multimedia Content Coding and Analysis: Unraveling the Content of Jihadi Extremist Groups' Videos. <i>Studies in Conflict and Terrorism</i> , 2008 , 31, 605-626	0.9	34
166	A longitudinal analysis of nanotechnology literature: 1976-2004. <i>Journal of Nanoparticle Research</i> , 2008 , 10, 3-22	2.3	34
165	Federating diverse collections of scientific literature. <i>Computer</i> , 1996 , 29, 28-36	1.6	33
164	User misconceptions of information retrieval systems. <i>International Journal of Man-Machine Studies</i> , 1990 , 32, 673-692		33
163	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2018 , 30, 381-399	4.2	32
162	Visualizing criminal relationships: comparison of a hyperbolic tree and a hierarchical list. <i>Decision Support Systems</i> , 2005 , 41, 69-83	5.6	32
161	. <i>Computer</i> , 1994 , 27, 58-66	1.6	32
160	Verifying the Proximity and Size Hypothesis for Self-Organizing Maps. <i>Journal of Management Information Systems</i> , 1999 , 16, 57-70	5.3	31
159	Knowledge mapping for rapidly evolving domains: A design science approach. <i>Decision Support Systems</i> , 2011 , 50, 415-427	5.6	30
158	Prospective Infectious Disease Outbreak Detection Using Markov Switching Models. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2010 , 22, 565-577	4.2	30
157	A focused crawler for Dark Web forums. <i>Journal of the Association for Information Science and Technology</i> , 2010 , 61, n/a-n/a		29

156	Information visualization. <i>Annual Review of Information Science & Technology</i> , 2006 , 39, 139-177		29
155	MedTime: a temporal information extraction system for clinical narratives. <i>Journal of Biomedical Informatics</i> , 2013 , 46 Suppl, S20-S28	10.2	28
154	EBizPort: Collecting and analyzing business intelligence information. <i>Journal of the Association for Information Science and Technology</i> , 2004 , 55, 873-891		28
153	Genescene: An ontology-enhanced integration of linguistic and co-occurrence based relations in biomedical texts. <i>Journal of the Association for Information Science and Technology</i> , 2005 , 56, 457-468		28
152	Summary in context. <i>ACM Transactions on Information Systems</i> , 2006 , 24, 111-141	4.8	26
151	SCADA honeypots: An in-depth analysis of Conpot 2016 ,		24
150	A geographic knowledge representation system for multimedia geospatial retrieval and analysis. <i>International Journal on Digital Libraries</i> , 1997 , 1, 132-152	1.4	24
149	User acceptance of Intelligence and Security Informatics technology: A study of COPLINK. <i>Journal of the Association for Information Science and Technology</i> , 2005 , 56, 235-244		24
148	Research note: Examining gender emotional differences in Web forum communication. <i>Decision Support Systems</i> , 2013 , 55, 851-860	5.6	23
147	Identity matching using personal and social identity features. <i>Information Systems Frontiers</i> , 2011 , 13, 101-113	4	23
146	A multi-region empirical study on the internet presence of global extremist organizations. <i>Information Systems Frontiers</i> , 2011 , 13, 75-88	4	23
145	Business stakeholder analyzer: An experiment of classifying stakeholders on the Web. <i>Journal of the Association for Information Science and Technology</i> , 2009 , 60, 59-74		23
144	Automated criminal link analysis based on domain knowledge. <i>Journal of the Association for Information Science and Technology</i> , 2007 , 58, 842-855		23
143	Connecting NSF funding to patent innovation in nanotechnology (2001-2004). <i>Journal of Nanoparticle Research</i> , 2006 , 8, 859-879	2.3	23
142	Identifying SCADA vulnerabilities using passive and active vulnerability assessment techniques 2016 ,		22
141	A comparison of fraud cues and classification methods for fake escrow website detection. <i>Information Technology and Management</i> , 2009 , 10, 83-101	1.8	21
140	Multidimensional scaling for group memory visualization. <i>Decision Support Systems</i> , 1999 , 27, 163-176	5.6	21
139	AZSecure Hacker Assets Portal: Cyber threat intelligence and malware analysis 2016 ,		20

138	A sequence-to-sequence model-based deep learning approach for recognizing activity of daily living for senior care. <i>Journal of Biomedical Informatics</i> , 2018 , 84, 148-158	10.2	20
137	Identifying vulnerabilities of consumer Internet of Things (IoT) devices: A scalable approach 2017 ,		20
136	Nano Mapper: an Internet knowledge mapping system for nanotechnology development. <i>Journal of Nanoparticle Research</i> , 2009 , 11, 529-552	2.3	20
135	Assessing medical device vulnerabilities on the Internet of Things 2017 ,		19
134	Gender Classification for Web Forums. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2011 , 41, 668-677		19
133	Medical Data Mining on the Internet: Research on a Cancer Information System. <i>Artificial Intelligence Review</i> , 1999 , 13, 437-466	9.7	19
132	Do Electronic Health Records Affect Quality of Care? Evidence from the HITECH Act. <i>Information Systems Research</i> , 2019 , 30, 306-318	3.8	18
131	Identifying significant facilitators of dark network evolution. <i>Journal of the Association for Information Science and Technology</i> , 2009 , 60, 655-665		18
130	Alleviating search uncertainty through concept associations: Automatic indexing, co-occurrence analysis, and parallel computing. <i>Journal of the Association for Information Science and Technology</i> , 1998 , 49, 206-216		18
129	Sentiment and affect analysis of Dark Web forums: Measuring radicalization on the internet 2008 ,		18
128	Longitudinal study on patent citations to academic research articles in nanotechnology (1976-2004). <i>Journal of Nanoparticle Research</i> , 2007 , 9, 529-542	2.3	18
127	Convergence of knowledge management and e-learning: the GetSmart experience		18
126	The roles of sharing, transfer, and public funding in nanotechnology knowledge-diffusion networks. <i>Journal of the Association for Information Science and Technology</i> , 2015 , 66, 1017-1029	2.7	17
125	Business and Market Intelligence 2.0, Part 2. <i>IEEE Intelligent Systems</i> , 2010 , 25, 74-82	4.2	17
124	Examining the impacts of mental workload and task-technology fit on user acceptance of the social media search system. <i>Information Systems Frontiers</i> , 2020 , 22, 697-718	4	17
123	Identifying mobile malware and key threat actors in online hacker forums for proactive cyber threat intelligence 2017 ,		16
122	An automatic indexing and neural network approach to concept retrieval and classification of multilingual (Chinese-English) documents. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 1996 , 26, 75-88		16
121	Modeling knowledge diffusion in scientific innovation networks: an institutional comparison between China and US with illustration for nanotechnology. <i>Scientometrics</i> , 2015 , 105, 1953-1984	3	15

120	Theory-Informed Design and Evaluation of an Advanced Search and Knowledge Mapping System in Nanotechnology. <i>Journal of Management Information Systems</i> , 2012 , 28, 99-128	5.3	15
119	Information Visualization for Decision Support 2008 , 699-722		15
118	Redips: Backlink search and analysis on the Web for business intelligence analysis. <i>Journal of the Association for Information Science and Technology</i> , 2007 , 58, 351-365		15
117	A hybrid approach to Web forum interactional coherence analysis. <i>Journal of the Association for Information Science and Technology</i> , 2008 , 59, 1195-1209		15
116	Creating a large-scale content-based airphoto image digital library. <i>IEEE Transactions on Image Processing</i> , 2000 , 9, 163-7	8.7	15
115	. <i>IEEE Intelligent Systems</i> , 1994 , 9, 21-27		15
114	Proactively Identifying Emerging Hacker Threats from the Dark Web. <i>ACM Transactions on Privacy and Security</i> , 2020 , 23, 1-33	2.9	15
113	Semi-Supervised Cyber Threat Identification in Dark Net Markets: A Transductive and Deep Learning Approach. <i>Journal of Management Information Systems</i> , 2020 , 37, 694-722	5.3	15
112	Burst Detection From Multiple Data Streams: A Network-Based Approach. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2010 , 40, 258-267		14
111	Topological Analysis of Criminal Activity Networks: Enhancing Transportation Security. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2009 , 10, 83-91	6.1	14
110	Incorporating Web Analysis Into Neural Networks: An Example in Hopfield Net Searching. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2007 , 37, 352-358		14
109	CMedPort: An integrated approach to facilitating Chinese medical information seeking. <i>Decision Support Systems</i> , 2006 , 42, 1431-1448	5.6	14
108	Personalized and Focused Web Spiders 2003 , 197-217		14
107	A collection of visual thesauri for browsing large collections of geographic images. <i>Journal of the Association for Information Science and Technology</i> , 1999 , 50, 826-834		14
106	Identifying, Collecting, and Presenting Hacker Community Data: Forums, IRC, Carding Shops, and DNMs 2018 ,		14
105	Machine learning for attack vector identification in malicious source code 2013 ,		13
104	International perspective on nanotechnology papers, patents, and NSF awards (2000-2016). <i>Journal of Nanoparticle Research</i> , 2017 , 19, 1	2.3	13
103	Managing Knowledge in Light of Its Evolution Process: An Empirical Study on Citation Network-Based Patent Classification. <i>Journal of Management Information Systems</i> , 2009 , 26, 129-154	5.3	13

102	Evaluating a news-aware quantitative trader: The effect of momentum and contrarian stock selection strategies. <i>Journal of the Association for Information Science and Technology</i> , 2008 , 59, 247-255		13
101	Trailblazing the Artificial Intelligence for Cybersecurity Discipline. <i>ACM Transactions on Management Information Systems</i> , 2020 , 11, 1-19	2	13
100	Human Identification for Activities of Daily Living: A Deep Transfer Learning Approach. <i>Journal of Management Information Systems</i> , 2020 , 37, 457-483	5.3	12
99	Using social network analysis to identify key hackers for keylogging tools in hacker forums 2016 ,		12
98	Analyzing sentiments in Web 2.0 social media data in Chinese: experiments on business and marketing related Chinese Web forums. <i>Information Technology and Management</i> , 2013 , 14, 231-242	1.8	12
97	Special Issue on Social Media Analytics: Understanding the Pulse of the Society. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2011 , 41, 826-827		12
96	Determining inventor status and its effect on knowledge diffusion: A study on nanotechnology literature from China, Russia, and India. <i>Journal of the Association for Information Science and Technology</i> , 2011 , 62, 1166-1176		12
95	Intelligence and security informatics. <i>Annual Review of Information Science & Technology</i> , 2007 , 40, 229-289		11
94	Criminal Identity Deception and Deception Detection in Law Enforcement. <i>Group Decision and Negotiation</i> , 2004 , 13, 111-127	2.5	11
93	Dark-Net Ecosystem Cyber-Threat Intelligence (CTI) Tool 2019 ,		10
92	Stakeholder Analyses of Firm-Related Web Forums. <i>ACM Transactions on Management Information Systems</i> , 2015 , 6, 1-38	2	10
91	Comparing nanotechnology landscapes in the US and China: a patent analysis perspective. <i>Journal of Nanoparticle Research</i> , 2019 , 21, 1	2.3	10
90	Dark web forums portal: Searching and analyzing jihadist forums 2009 ,		10
89	IEDs in the Dark Web: Genre classification of improvised explosive device web pages 2008 ,		10
88	Supporting non-English Web searching: An experiment on the Spanish business and the Arabic medical intelligence portals. <i>Decision Support Systems</i> , 2006 , 42, 1697-1714	5.6	10
87	Comparison of two approaches to building a vertical search tool 2002 ,		10
86	Incremental Hacker Forum Exploit Collection and Classification for Proactive Cyber Threat Intelligence: An Exploratory Study 2018 ,		10
85	Chinese underground market jargon analysis based on unsupervised learning 2016 ,		9

84	Nanotechnology Public Funding and Impact Analysis: A Tale of Two Decades (1991-2010). <i>IEEE Nanotechnology Magazine</i> , 2013 , 7, 9-14	1.7	9
83	Interaction Analysis of the ALICE Chatterbot: A Two-Study Investigation of Dialog and Domain Questioning. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2010 , 40, 40-51		9
82	An Integrated Framework for Avatar Data Collection from the Virtual World. <i>IEEE Intelligent Systems</i> , 2010 , 25, 17-23	4.2	9
81	IEDs in the dark web: Lexicon expansion and genre classification 2009 ,		9
80	Cyber extremism in Web 2.0: An exploratory study of international Jihadist groups 2008 ,		9
79	Detecting Cyber Threats in Non-English Dark Net Markets: A Cross-Lingual Transfer Learning Approach 2018 ,		9
78	Exploring key hackers and cybersecurity threats in Chinese hacker communities 2016 ,		8
77	Nanotechnology knowledge diffusion: measuring the impact of the research networking and a strategy for improvement. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	8
76	Time-to-Event Modeling for Predicting Hacker IRC Community Participant Trajectory 2014 ,		8
75	Analyzing market performance via social media: a case study of a banking industry crisis. <i>Science China Information Sciences</i> , 2014 , 57, 1-18	3.4	8
74	Communication-Garden System: Visualizing a computer-mediated communication process. <i>Decision Support Systems</i> , 2008 , 45, 778-794	5.6	8
73	Testing a Cancer Meta Spider. <i>International Journal of Human Computer Studies</i> , 2003 , 59, 755-776	4.6	8
72	Exploring the online underground marketplaces through topic-based social network and clustering 2016 ,		7
71	Examining patterns of scientific knowledge diffusion based on knowledge cyber infrastructure: a multi-dimensional network approach. <i>Scientometrics</i> , 2019 , 121, 1599-1617	3	7
70	Benchmarking vulnerability scanners: An experiment on SCADA devices and scientific instruments 2017 ,		7
69	Text mining self-disclosing health information for public health service. <i>Journal of the Association for Information Science and Technology</i> , 2014 , 65, 928-947	2.7	7
68	Introduction to special issue on terrorism informatics. <i>Information Systems Frontiers</i> , 2011 , 13, 1-3	4	7
67	Identification of extremist videos in online video sharing sites 2009 ,		7

66	Organizing domain-specific information on the Web: An experiment on the Spanish business Web directory. <i>International Journal of Human Computer Studies</i> , 2008 , 66, 51-66	4.6	7
65	Collection of U.S. Extremist Online Forums: A Web Mining Approach 2007 ,		7
64	Multilingual Web Retrieval: An Experiment on a Multilingual Business Intelligence Portal		7
63	Introduction to the special topic issue: Intelligence and security informatics. <i>Journal of the Association for Information Science and Technology</i> , 2005 , 56, 217-220		7
62	Concept-based searching and browsing: a geoscience experiment. <i>Journal of Information Science</i> , 2001 , 27, 199-210	2	7
61	Internet browsing and searching: User evaluations of category map and concept space techniques 1998 , 49, 582		7
60	Artificial immune system for illicit content identification in social media. <i>Journal of the Association for Information Science and Technology</i> , 2012 , 63, 256-269		6
59	Developing understanding of hacker language through the use of lexical semantics 2015 ,		6
58	Bridging the virtual and real: The relationship between web content, linkage, and geographical proximity of social movements. <i>Journal of the Association for Information Science and Technology</i> , 2014 , 65, 2210-2222	2.7	6
57	Multilingual Web retrieval: An experiment in English-Chinese business intelligence. <i>Journal of the Association for Information Science and Technology</i> , 2006 , 57, 671-683		6
56	Business intelligence explorer: a knowledge map framework for discovering business intelligence on the Web 2003 ,		6
55	Mapping Medical Informatics Research 2005 , 35-62		6
54	Internet browsing and searching: User evaluations of category map and concept space techniques 1998 , 49, 582		6
53	The impact of individual attributes on knowledge diffusion in web forums. <i>Quality and Quantity</i> , 2015 , 49, 2221-2236	2.4	5
52	An event-driven SIR model for topic diffusion in web forums 2012 ,		5
51	Disease named entity recognition using semisupervised learning and conditional random fields. <i>Journal of the Association for Information Science and Technology</i> , 2011 , 62, 727-737		5
50	Arizona Literature Mapper: An integrated approach to monitor and analyze global bioterrorism research literature. <i>Journal of the Association for Information Science and Technology</i> , 2009 , 60, 1466-1485		5
49	Dynamic Social Network Analysis of a Dark Network: Identifying Significant Facilitators 2007 ,		5

48	Digital library research in the US: an overview with a knowledge management perspective. <i>Data Technologies and Applications</i> , 2004 , 38, 157-167		5
47	Validating a geographical image retrieval system. <i>Journal of the Association for Information Science and Technology</i> , 2000 , 51, 625-634		5
46	Digital Libraries: Social Issues and Technological Advances. <i>Advances in Computers</i> , 1999 , 257-314	2.9	5
45	Vulnerability Assessment, Remediation, and Automated Reporting: Case Studies of Higher Education Institutions 2018 ,		5
44	Shodan visualized 2016 ,		4
43	Targeting key data breach services in underground supply chain 2016 ,		4
42	The Dark Web Forum Portal: From multi-lingual to video 2011 ,		4
41	Using importance flooding to identify interesting networks of criminal activity. <i>Journal of the Association for Information Science and Technology</i> , 2008 , 59, 2099-2114		4
40	Ontology-Based Automatic Chief Complaints Classification for Syndromic Surveillance 2006 ,		4
39	Introduction to the JASIST Special Topic issue on web retrieval and mining: A machine learning perspective. <i>Journal of the Association for Information Science and Technology</i> , 2003 , 54, 621-624		4
38	Using 3D interfaces to facilitate the spatial knowledge retrieval: a geo-referenced knowledge repository system. <i>Decision Support Systems</i> , 2005 , 40, 167-182	5.6	4
37	Internet browsing: visualizing category map by fisheye and fractal views		4
36	Detecting Cyber Threats in Non-English Hacker Forums: An Adversarial Cross-Lingual Knowledge Transfer Approach 2020 ,		4
35	Trends and Controversies. <i>IEEE Intelligent Systems</i> , 2011 , 26, 80-89	4.2	3
34	Discovery of improvised explosive device content in the Dark Web 2008 ,		3
33	Combining probability models and web mining models: a framework for proper name transliteration. <i>Information Technology and Management</i> , 2008 , 9, 91-103	1.8	3
32	Graph Kernel-Based Learning for Gene Function Prediction from Gene Interaction Network 2007 ,		3
31	Identifying, Collecting, and Monitoring Personally Identifiable Information: From the Dark Web to the Surface Web 2020 ,		3

30	Informing Cyber Threat Intelligence through Dark Web Situational Awareness: The AZSecure Hacker Assets Portal. <i>Digital Threats Research and Practice</i> , 2021 , 2, 1-10	1.5	3
29	Benchmarking Vulnerability Assessment Tools for Enhanced Cyber-Physical System (CPS) Resiliency 2018 ,		3
28	Identifying language groups within multilingual cybercriminal forums 2016 ,		2
27	Identifying top listers in Alphabay using Latent Dirichlet Allocation 2016 ,		2
26	Dynamic user-level affect analysis in social media: Modeling violence in the Dark Web 2011 ,		2
25	The Geopolitical Web: Assessing societal risk in an uncertain world 2011 ,		2
24	Browsing the underdeveloped Web: An experiment on the Arabic Medical Web Directory. <i>Journal of the Association for Information Science and Technology</i> , 2009 , 60, 595-607		2
23	Bioterrorism event detection based on the Markov switching model: A simulated anthrax outbreak study 2008 ,		2
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