

Soon Ae Chun

List of Publications by Year in descending order

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Version: 2024-02-01

112
papers

1,930
citations

430874

18
h-index

315739

38
g-index

117
all docs

117
docs citations

117
times ranked

1319
citing authors

#	ARTICLE	IF	CITATIONS
1	Analyzing social media messages of public sector organizations utilizing sentiment analysis and topic modeling. Information Polity, 2021, 26, 375-390.	0.8	1
2	Knowledge sharing behaviors in social media. Technology in Society, 2020, 63, 101426.	9.4	18
3	Location-based Sentiment Analyses and Visualization of Twitter Election Data. Digital Government Research and Practice (DGOV), 2020, 1, 1-19.	1.7	24
4	Tracking Citizen's Concerns during COVID-19 Pandemic. , 2020, , .		13
5	Discovering Events from Social Media for Emergency Planning. , 2019, , .		9
6	An Ensemble Deep Learning Model for Drug Abuse Detection in Sparse Twitter-Sphere. Studies in Health Technology and Informatics, 2019, 264, 163-167.	0.3	10
7	PEER. , 2019, , 541-559.		0
8	Citizen-to-Citizen Resource Sharing in Emergency Response. , 2019, , 578-605.		0
9	Special issue on evidence-based government: secure, transparent and responsible digital governance. Information Polity, 2018, 23, 119-123.	0.8	0
10	Analysis and visualization of subjectivity and polarity of Twitter location data. , 2018, , .		13
11	Web-based application for sentiment analysis of live tweets. , 2018, , .		17
12	Optimizing data stream processing for large-scale applications. Software - Practice and Experience, 2018, 48, 1607-1641.	3.6	3
13	Citizen-to-Citizen Resource Sharing in Emergency Response. Advances in Civil and Industrial Engineering Book Series, 2018, , 130-164.	0.2	1
14	Deep Self-Taught Learning for Detecting Drug Abuse Risk Behavior in Tweets. Lecture Notes in Computer Science, 2018, , 330-342.	1.3	13
15	Patient-Centered Clinical Trials Decision Support Using Linked Open Data. , 2018, , 1765-1782.		1
16	Participatory Environmental Planning Platform. , 2018, , 775-797.		0
17	Linking and using social media data for enhancing public health analytics. Journal of Information Science, 2017, 43, 221-245.	3.3	18
18	Enabling Real-Time Drug Abuse Detection in Tweets. , 2017, , .		29

#	ARTICLE	IF	CITATIONS
19	Traffic evacuation simulation based on multi-level driving decision model. Transportation Research Part C: Emerging Technologies, 2017, 78, 129-149.	7.6	28
20	Evaluation on Social Media User's Knowledge Behavior Model. , 2017, , .		0
21	A Scalable Platform for Low-Latency Real-Time Analytics of Streaming Data. Communications in Computer and Information Science, 2017, , 1-24.	0.5	2
22	Knowledge behavior model of e-government social media users. Transforming Government: People, Process and Policy, 2017, 11, 456-475.	2.1	4
23	Analysis of political discourse on twitter in the context of the 2016 US presidential elections. Government Information Quarterly, 2017, 34, 613-626.	6.8	115
24	Security Models, Geospatial. , 2017, , 1850-1860.		0
25	Social Health Records: Gaining Insights into Public Health Behaviors, Emotions, and Disease Trajectories. Lecture Notes in Social Networks, 2017, , 19-43.	0.1	1
26	Reasoning and discovering novel treatments in linked social health records. , 2017, , .		0
27	UCS: Ultimate course search. , 2016, , .		0
28	Predicting Comorbid Conditions and Trajectories Using Social Health Records. IEEE Transactions on Nanobioscience, 2016, 15, 371-379.	3.3	14
29	Knowledge-Based Tweet Classification for Disease Sentiment Monitoring. Studies in Computational Intelligence, 2016, , 425-454.	0.9	15
30	Social Media User Behavior Analysis in E-Government Context. , 2016, , .		5
31	ISE: A High Performance System for Processing Data Streams. , 2016, , .		2
32	Discovering and Analyzing Alternative Treatments Hypothesis via Social Health Data. Lecture Notes in Computer Science, 2016, , 571-575.	1.3	0
33	Security Models, Geospatial. , 2016, , 1-11.		0
34	Agent driving behavior modeling for traffic simulation and emergency decision support. , 2015, , .		2
35	PEER. International Journal of E-Planning Research, 2015, 4, 29-46.	1.4	7
36	Collaborative and trajectory prediction models of medical conditions by mining patients' Social Data. , 2015, , .		3

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37	Twitter sentiment classification for measuring public health concerns. <i>Social Network Analysis and Mining</i> , 2015, 5, 13.	2.8	101
38	Leveraging Social Data for Health Care Behavior Analytics. <i>Lecture Notes in Computer Science</i> , 2015, , 667-670.	1.3	4
39	Developing a Pedagogical Cybersecurity Ontology. <i>Communications in Computer and Information Science</i> , 2015, , 117-135.	0.5	2
40	Participatory Environmental Planning Platform. <i>Advances in Civil and Industrial Engineering Book Series</i> , 2015, , 46-68.	0.2	1
41	Patient-Centered Clinical Trials Decision Support using Linked Open Data. <i>International Journal of Software Science and Computational Intelligence</i> , 2014, 6, 31-48.	3.0	7
42	Smart SecureGov. , 2014, , .		5
43	Utilizing social media to improve local government responsiveness. , 2014, , .		15
44	A collaborative filtering approach to assess individual condition risk based on patients' social network data. , 2014, , .		2
45	Enhancing the government service experience through QR codes on mobile platforms. <i>Government Information Quarterly</i> , 2014, 31, 6-16.	6.8	35
46	A Hybrid Approach to Developing a Cyber Security Ontology. , 2014, , .		6
47	Monitoring Public Health Concerns Using Twitter Sentiment Classifications. , 2013, , .		57
48	Social infobuttons. , 2013, , .		5
49	A Bootstrapping Approach for Developing a Cyber-security Ontology Using Textbook Index Terms. , 2013, , .		8
50	Visual analytics for open government data. , 2013, , .		5
51	Tide gate sensor network as a forensic tool. , 2013, , .		1
52	Community based emergency response. , 2013, , .		8
53	Patient-oriented clinical trials search through semantic integration of Linked Open Data. , 2013, , .		3
54	SecureGov. , 2013, , .		14

#	ARTICLE	IF	CITATIONS
55	Privacy policy-driven mashups. International Journal of Business Continuity and Risk Management, 2013, 4, 344.	0.3	2
56	Using QR codes for enhancing the scope of digital government services. , 2012, , .		8
57	Social health data integration using semantic Web. , 2012, , .		16
58	Collaborative e-governance. Transforming Government: People, Process and Policy, 2012, 6, 5-12.	2.1	43
59	Enhancing the famous people ontology by mining a social network. , 2012, , .		1
60	Secure Composition of Cascaded Web Services. , 2012, , .		3
61	Open government and public participation: Issues and challenges in creating public value. Information Polity, 2012, 17, 77-81.	0.8	27
62	Resource sharing using UICDS framework for incident management. Transforming Government: People, Process and Policy, 2012, 6, 41-61.	2.1	10
63	E-participation and transparent policy decision making. Information Polity, 2012, 17, 129-145.	0.8	43
64	Sensors and Crowdsourcing for Environmental Awareness and Emergency Planning. International Journal of E-Planning Research, 2012, 1, 56-74.	1.4	17
65	Epidemic Outbreak and Spread Detection System Based on Twitter Data. Lecture Notes in Computer Science, 2012, , 152-163.	1.3	20
66	Public engagement and government collaboration: Theories, strategies and case studies. Information Polity, 2011, 16, 189-196.	0.8	5
67	UICDS-based information sharing among emergency response application systems. , 2011, , .		3
68	Towards transparent policy decision making process. , 2011, , .		1
69	Google Knows Who is Famous Today – Building an Ontology from Search Engine Knowledge and DBpedia. , 2011, , .		8
70	A prediction model for web search hit counts using word frequencies. Journal of Information Science, 2011, 37, 462-475.	3.3	5
71	Enhancing the Interface for Ontology-Supported Homonym Search. Lecture Notes in Computer Science, 2011, , 544-553.	1.3	1
72	Social Credential-Based Role Recommendation and Patient Privacy Control in Medical Emergency. International Journal of Computational Models and Algorithms in Medicine, 2011, 2, 1-22.	0.4	0

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73	Finding information in an era of abundance: Towards a collaborative tagging environment in government. Information Polity, 2010, 15, 89-103.	0.8	14
74	Predicting Web Search Hit Counts. , 2010, , .		2
75	Government 2.0: Making connections between citizens, data and government. Information Polity, 2010, 15, 1-9.	0.8	430
76	Information sharing infrastructure for pharmaceutical supply chain management in emergency response. , 2010, , .		0
77	Privacy protection in government mashups. Information Polity, 2009, 14, 75-90.	0.8	7
78	Government information sharing and integration: Combining the social and the technical. Information Polity, 2009, 14, 1-10.	0.8	62
79	Building the next generation of digital government infrastructures. Government Information Quarterly, 2009, 26, 233-237.	6.8	82
80	Toward the Semantic Deep Web. Computer, 2008, 41, 95-97.	1.1	22
81	Semantic Annotation and Search for Deep Web Services. Advanced Issues of E-Commerce and Web-Based Information Systems (WECWIS), International Workshop on, 2008, , .	0.0	4
82	Evaluating Ontologies Based on the Naturalness of Their Preferred Terms. , 2008, , .		4
83	Assessment for Ontology-Supported Deep Web Search. Advanced Issues of E-Commerce and Web-Based Information Systems (WECWIS), International Workshop on, 2008, , .	0.0	5
84	Enriching Ontology for Deep Web Search. Lecture Notes in Computer Science, 2008, , 73-80.	1.3	8
85	Security Models, Geospatial. , 2008, , 1028-1036.		0
86	Semantics-Based Threat Structure Mining for Homeland Security. Integrated Series on Information Systems, 2008, , 307-329.	0.1	1
87	Risk-Based Access Control for Personal Data Services. Statistical Science and Interdisciplinary Research, 2008, , 263-283.	0.0	1
88	Semantic deep web. , 2007, , .		25
89	A geotemporal role-based authorisation system. International Journal of Information and Computer Security, 2007, 1, 143.	0.2	35
90	Automatic Generation of Ontology from the Deep Web. , 2007, , .		11

#	ARTICLE	IF	CITATIONS
91	A decentralized execution model for inter-organizational workflows. Distributed and Parallel Databases, 2007, 22, 55-83.	1.6	20
92	Chapter 14 Government Agency Interoperation in Security Applications. Handbooks in Information Systems, 2007, , 323-347.	0.5	0
93	Automatic Generation of Ontology from the Deep Web. Database and Expert Systems Applications (DEXA), Proceedings of the International Workshop on, 2007, , .	0.0	3
94	Constituent-centric municipal government coalition portal. , 2006, , .		0
95	Challenges in eGovernment technology transfer. , 2006, , .		0
96	Semantics-based threat structure mining. , 2006, , .		1
97	Using Semantics for Policy-Based Web Service Composition. Distributed and Parallel Databases, 2005, 18, 37-64.	1.6	27
98	Fuzzy Virtual Card Agent for Customizing Divisible Card Payments. Lecture Notes in Computer Science, 2005, , 287-296.	1.3	0
99	Monitoring and Updating Regulations and Policies for Government Services. Lecture Notes in Computer Science, 2005, , 81-92.	1.3	1
100	Chinese wall security for decentralized workflow management systems*. Journal of Computer Security, 2004, 12, 799-840.	0.8	15
101	Compositional knowledge management for medical services on semantic web. , 2004, , .		7
102	An authorization model for geospatial data. IEEE Transactions on Dependable and Secure Computing, 2004, 1, 238-254.	5.4	60
103	Towards intelligent Web services for automating medical service composition. , 2004, , .		1
104	Handling Dynamic Changes in Decentralized Workflow Execution Environments. Lecture Notes in Computer Science, 2003, , 813-825.	1.3	8
105	Automating the Delivery of Governmental Business Services Through Workflow Technology. The Kluwer International Series on Advances in Database Systems, 2002, , 69-84.	1.1	1
106	An experimental study on content-based image classification for satellite image databases. IEEE Transactions on Geoscience and Remote Sensing, 2002, 40, 1338-1347.	6.3	8
107	Protecting Privacy from Continuous High-Resolution Satellite Surveillance. International Federation for Information Processing, 2002, , 233-244.	0.4	4
108	A Chinese wall security model for decentralized workflow systems. , 2001, , .		54

#	ARTICLE	IF	CITATIONS
109	Customized geospatial workflows for e-government services. , 2001, , .		6
110	A study on the indexing of satellite images at NASA regional application center. , 0, , .		0
111	Policy-based web service composition. , 0, , .		10
112	Social Tagging to Search and Recommend Government Information. , 0, , 283-297.		0