Soon Ae Chun

List of Publications by Year
in descending order

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	Government 2.0: Making connections between citizens, data and government. Information Polity, 2010, 15, 1-9.	0.8	430
2	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
3	Twitter sentiment classification for measuring public health concerns. Social Network Analysis and Mining, 2015, 5, 13.	2.8	101
4	Building the next generation of digital government infrastructures. Government Information Quarterly, 2009, 26, 233-237.	6.8	82
5	Government information sharing and integration: Combining the social and the technical. Information Polity, 2009, 14, 1-10.	0.8	62
6	An authorization model for geospatial data. IEEE Transactions on Dependable and Secure Computing, 2004, 1, 238-254.	5.4	60
7	Monitoring Public Health Concerns Using Twitter Sentiment Classifications. , 2013, , .		57
8	A Chinese wall security model for decentralized workflow systems. , 2001, , .		54
9	Collaborative e‑government. Transforming Government: People, Process and Policy, 2012, 6, 5-12.	2.1	43
10	E-participation and transparent policy decision making. Information Polity, 2012, 17, 129-145.	0.8	43
11	A geotemporal role-based authorisation system. International Journal of Information and Computer Security, 2007, 1, 143.	0.2	35
12	Enhancing the government service experience through QR codes on mobile platforms. Government Information Quarterly, 2014, 31, 6-16.	6.8	35
13	Enabling Real-Time Drug Abuse Detection in Tweets. , 2017, , .		29
14	Traffic evacuation simulation based on multi-level driving decision model. Transportation Research Part C: Emerging Technologies, 2017, 78, 129-149.	7.6	28
15	Using Semantics for Policy-Based Web Service Composition. Distributed and Parallel Databases, 2005, 18, 37-64.	1.6	27
16	Open government and public participation: Issues and challenges in creating public value. Information Polity, 2012, 17, 77-81.	0.8	27
17	Semantic deep web. , 2007, , .		25
18	Location-based Sentiment Analyses and Visualization of Twitter Election Data. Digital Government Research and Practice (DGOV), 2020, 1, 1-19.	1.7	24

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19	Toward the Semantic Deep Web. Computer, 2008, 41, 95-97.	1.1	22
20	A decentralized execution model forÂinter-organizational workflows. Distributed and Parallel Databases, 2007, 22, 55-83.	1.6	20
21	Epidemic Outbreak and Spread Detection System Based on Twitter Data. Lecture Notes in Computer Science, 2012, , 152-163.	1.3	20
22	Linking and using social media data for enhancing public health analytics. Journal of Information Science, 2017, 43, 221-245.	3.3	18
23	Knowledge sharing behaviors in social media. Technology in Society, 2020, 63, 101426.	9.4	18
24	Sensors and Crowdsourcing for Environmental Awareness and Emergency Planning. International Journal of E-Planning Research, 2012, 1, 56-74.	1.4	17
25	Web-based application for sentiment analysis of live tweets. , 2018, , .		17
26	Social health data integration using semantic Web. , 2012, , .		16
27	Chinese wall security for decentralized workflow management systems*. Journal of Computer Security, 2004, 12, 799-840.	0.8	15
28	Utilizing social media to improve local government responsiveness. , 2014, , .		15
29	Knowledge-Based Tweet Classification for Disease Sentiment Monitoring. Studies in Computational Intelligence, 2016, , 425-454.	0.9	15
30	Finding information in an era of abundance: Towards a collaborative tagging environment in government. Information Polity, 2010, 15, 89-103.	0.8	14
31	SecureGov. , 2013, , .		14
32	Predicting Comorbid Conditions and Trajectories Using Social Health Records. IEEE Transactions on Nanobioscience, 2016, 15, 371-379.	3.3	14
33	Analysis and visualization of subjectivity and polarity of Twitter location data. , 2018, , .		13
34	Tracking Citizenâ€™s Concerns during COVID-19 Pandemic. , 2020, , .		13
35	Deep Self-Taught Learning for Detecting Drug Abuse Risk Behavior in Tweets. Lecture Notes in Computer Science, 2018, , 330-342.	1.3	13
36	Automatic Generation of Ontology from the Deep Web. , 2007, , .		11

#	ARTICLE	IF	CITATIONS
37	Policy-based web service composition. , 0, , .		10
38	Resource sharing using UICDSâ„¢ framework for incident management. Transforming Government: People, Process and Policy, 2012, 6, 41-61.	2.1	10
39	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
40	Discovering Events from Social Media for Emergency Planning. , 2019, , .		9
41	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
42	Handling Dynamic Changes in Decentralized Workflow Execution Environments. Lecture Notes in Computer Science, 2003, , 813-825.	1.3	8
43	Google Knows Who is Famous Today -- Building an Ontology from Search Engine Knowledge and DBpedia. , 2011, , .		8
44	Using QR codes for enhancing the scope of digital government services. , 2012, , .		8
45	A Bootstrapping Approach for Developing a Cyber-security Ontology Using Textbook Index Terms. , 2013, , .		8
46	Community based emergency response. , 2013, , .		8
47	Enriching Ontology for Deep Web Search. Lecture Notes in Computer Science, 2008, , 73-80.	1.3	8
48	Compositional knowledge management for medical services on semantic web. , 2004, , .		7
49	Privacy protection in government mashups. Information Polity, 2009, 14, 75-90.	0.8	7
50	Patient-Centered Clinical Trials Decision Support using Linked Open Data. International Journal of Software Science and Computational Intelligence, 2014, 6, 31-48.	3.0	7
51	PEER. International Journal of E-Planning Research, 2015, 4, 29-46.	1.4	7
52	Customized geospatial workflows for e-government services. , 2001, , .		6
53	A Hybrid Approach to Developing a Cyber Security Ontology. , 2014, , .		6
54	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

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55	Public engagement and government collaboration: Theories, strategies and case studies. Information Polity, 2011, 16, 189-196.	0.8	5
56	A prediction model for web search hit counts using word frequencies. Journal of Information Science, 2011, 37, 462-475.	3.3	5
57	Social infobuttons. , 2013, , .		5
58	Visual analytics for open government data. , 2013, , .		5
59	Smart SecureGov. , 2014, , .		5
60	Social Media User Behavior Analysis in E-Government Context. , 2016, , .		5
61	Protecting Privacy from Continuous High-Resolution Satellite Surveillance. International Federation for Information Processing, 2002, , 233-244.	0.4	4
62	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
63	Evaluating Ontologies Based on the Naturalness of Their Preferred Terms. , 2008, , .		4
64	Knowledge behavior model of e-government social media users. Transforming Government: People, Process and Policy, 2017, 11, 456-475.	2.1	4
65	Leveraging Social Data for Health Care Behavior Analytics. Lecture Notes in Computer Science, 2015, , 667-670.	1.3	4
66	UICDS-based information sharing among emergency response application systems. , 2011, , .		3
67	Secure Composition of Cascaded Web Services. , 2012, , .		3
68	Patient-oriented clinical trials search through semantic integration of Linked Open Data. , 2013, , .		3
69	Collaborative and trajectory prediction models of medical conditions by mining patients' Social Data. , 2015, , .		3
70	Optimizing data stream processing for large‐scale applications. Software - Practice and Experience, 2018, 48, 1607-1641.	3.6	3
71	Automatic Generation of Ontology from the Deep Web. Database and Expert Systems Applications (DEXA), Proceedings of the International Workshop on, 2007, , .	0.0	3
72	Predicting Web Search Hit Counts. , 2010, , .		2

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73	Privacy policy-driven mashups. International Journal of Business Continuity and Risk Management, 2013, 4, 344.	0.3	2
74	A collaborative filtering approach to assess individual condition risk based on patients' social network data. , 2014, , .		2
75	Agent driving behavior modeling for traffic simulation and emergency decision support. , 2015, , .		2
76	A Scalable Platform for Low-Latency Real-Time Analytics of Streaming Data. Communications in Computer and Information Science, 2017, , 1-24.	0.5	2
77	Developing a Pedagogical Cybersecurity Ontology. Communications in Computer and Information Science, 2015, , 117-135.	0.5	2
78	ISE: A High Performance System for Processing Data Streams. , 2016, , .		2
79	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
80	Towards intelligent Web services for automating medical service composition. , 2004, , .		1
81	Semantics-based threat structure mining. , 2006, , .		1
82	Towards transparent policy decision making process. , 2011, , .		1
83	Enhancing the famous people ontology by mining a social network. , 2012, , .		1
84	Tide gate sensor network as a forensic tool. , 2013, , .		1
85	Analyzing social media messages of public sector organizations utilizing sentiment analysis and topic modeling. Information Polity, 2021, 26, 375-390.	0.8	1
86	Citizen-to-Citizen Resource Sharing in Emergency Response. Advances in Civil and Industrial Engineering Book Series, 2018, , 130-164.	0.2	1
87	Monitoring and Updating Regulations and Policies for Government Services. Lecture Notes in Computer Science, 2005, , 81-92.	1.3	1
88	Semantics-Based Threat Structure Mining for Homeland Security. Integrated Series on Information Systems, 2008, , 307-329.	0.1	1
89	Risk-Based Access Control for Personal Data Services. Statistical Science and Interdisciplinary Research, 2008, , 263-283.	0.0	1
90	Enhancing the Interface for Ontology-Supported Homonym Search. Lecture Notes in Computer Science, 2011, , 544-553.	1.3	1

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91	Participatory Environmental Planning Platform. Advances in Civil and Industrial Engineering Book Series, 2015, , 46-68.	0.2	1
92	Social Health Records: Gaining Insights into Public Health Behaviors, Emotions, and Disease Trajectories. Lecture Notes in Social Networks, 2017, , 19-43.	0.1	1
93	Patient-Centered Clinical Trials Decision Support Using Linked Open Data. , 2018, , 1765-1782.		1
94	A study on the indexing of satellite images at NASA regional application center. , 0, , .		0
95	Constituent-centric municipal government coalition portal. , 2006, , .		0
96	Challenges in eGovernment technology transfer. , 2006, , .		0
97	Information sharing infrastructure for pharmaceutical supply chain management in emergency response. , 2010, , .		0
98	UCS: Ultimate course search. , 2016, , .		0
99	Evaluation on Social Media User's Knowledge Behavior Model. , 2017, , .		0
100	Special issue on evidence-based government: secure, transparent and responsible digital governance. Information Polity, 2018, 23, 119-123.	0.8	0
101	Fuzzy Virtual Card Agent for Customizing Divisible Card Payments. Lecture Notes in Computer Science, 2005, , 287-296.	1.3	0
102	Chapter 14 Government Agency Interoperation in Security Applications. Handbooks in Information Systems, 2007, , 323-347.	0.5	0
103	Security Models, Geospatial. , 2008, , 1028-1036.		0
104	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
105	Discovering and Analyzing Alternative Treatments Hypothesis via Social Health Data. Lecture Notes in Computer Science, 2016, , 571-575.	1.3	0
106	Security Models, Geospatial. , 2016, , 1-11.		0
107	Security Models, Geospatial. , 2017, , 1850-1860.		0
108	Reasoning and discovering novel treatments in linked social health records. , 2017, , .		0

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109	Participatory Environmental Planning Platform. , 2018, , 775-797.		0
110	PEER. , 2019, , 541-559.		0
111	Citizen-to-Citizen Resource Sharing in Emergency Response. , 2019, , 578-605.		0
112	Social Tagging to Search and Recommend Government Information. , 0, , 283-297.		0