Elizabeth Chang

List of Publications by Year
in descending order

373 papers	6,588 citations	136740 32 h-index	149479 56 g-index
397 all docs	397 docs citations	397 times ranked	5140 citing authors

#	ARTICLE	IF	CITATIONS
1	Provenance-based Intrusion Detection Systems: A Survey. ACM Computing Surveys, 2023, 55, 1-36.	16.1	17
2	A survey on the suitability of risk identification techniques in the current networked environment. Journal of Network and Computer Applications, 2021, 178, 102984.	5.8	13
3	An Artificial Intelligence Empowered Cyber Physical Ecosystem for Energy Efficiency and Occupation Health and Safety. Energies, 2021, 14, 4214.	1.6	2
4	Modelling workforce employability pipelines for organisational resilience. International Journal of Engineering Business Management, 2021, 13, 184797902110040.	2.1	3
5	Hidden fuzzy information: Requirement specification and measurement of project provider performance using the best worst method. Fuzzy Sets and Systems, 2020, 383, 127-145.	1.6	20
6	Knowledge fusion through academic articles: a survey of definitions, techniques, applications and challenges. Scientometrics, 2020, 125, 2637-2666.	1.6	3
7	Achieving security scalability and flexibility using Fog-Based Context-Aware Access Control. Future Generation Computer Systems, 2020, 107, 307-323.	4.9	41
8	A Customer-Oriented Assortment Selection in the Big Data Environment. Lecture Notes on Data Engineering and Communications Technologies, 2020, , 161-172.	0.5	1
9	A Fine-Grained Ontology-Based Sentiment Aggregation Approach. Advances in Intelligent Systems and Computing, 2019, , 252-262.	0.5	2
10	From Big Scholarly Data to Solution-Oriented Knowledge Repository. Frontiers in Big Data, 2019, 2, 38.	1.8	10
11	Smart Farm. , 2019, , .		2
12	Quality Management of Workers in an In-House Crowdsourcing-Based Framework for Deduplication of Organizationsâ€™ Databases. IEEE Access, 2019, 7, 90715-90730.	2.6	4
13	Are MCDM methods useful? A critical review of Analytic Hierarchy Process (AHP) and Analytic Network Process (ANP). Cogent Engineering, 2019, 6, .	1.1	128
14	Highlighting the Importance of Considering the Impacts of Both External and Internal Risk Factors on Operational Parameters to Improve Supply Chain Risk Management. IEEE Access, 2019, 7, 49297-49315.	2.6	24
15	Ranking scientific articles based on bibliometric networks with a weighting scheme. Journal of Informetrics, 2019, 13, 616-634.	1.4	32
16	Context-aware access control with imprecise context characterization for cloud-based data resources. Future Generation Computer Systems, 2019, 93, 237-255.	4.9	48
17	Proactive management of SLA violations by capturing relevant external events in a Cloud of Things environment. Future Generation Computer Systems, 2019, 95, 26-44.	4.9	13
18	Optimized Configuration of Exponential Smoothing and Extreme Learning Machine for Traffic Flow Forecasting. IEEE Transactions on Industrial Informatics, 2019, 15, 23-34.	7.2	58

#	ARTICLE	IF	CITATIONS
19	Analysis of Feature Selection Techniques for Correlation-Based Network Anomaly Detection. Advances in Intelligent Systems and Computing, 2019, , 10-16.	0.5	0
20	Health, Safety, Environment and Ergonomic Improvement in Energy Sector Using an Integrated Fuzzy Cognitive Mapâ€"Bayesian Network Model. International Journal of Fuzzy Systems, 2018, 20, 1346-1356.	2.3	9
21	Letter: The concept of stratification and future applications. Applied Soft Computing Journal, 2018, 66, 292-296.	4.1	11
22	ZBWM: The Z-number extension of Best Worst Method and its application for supplier development. Expert Systems With Applications, 2018, 107, 115-125.	4.4	261
23	Targets of Unequal Importance Using the Concept of Stratification in a Big Data Environment. International Journal of Fuzzy Systems, 2018, 20, 1373-1384.	2.3	5
24	Event-driven approach for predictive and proactive management of SLA violations in the Cloud of Things. Future Generation Computer Systems, 2018, 84, 78-97.	4.9	17
25	Risk-based framework for SLA violation abatement from the cloud service providerâ€™s perspective. Computer Journal, 2018, 61, 1306-1322.	1.5	29
26	Smart Buyer: A Bayesian Network modelling approach for measuring and improving procurement performance in organisations. Knowledge-Based Systems, 2018, 142, 127-148.	4.0	25
27	Addressing Missing Data and Data Competitiveness Issues: Transforming Tacit Knowledge into Explicit Form by Fuzzy Inference Learning System. International Journal of Fuzzy Systems, 2018, 20, 1224-1239.	2.3	4
28	A Heuristic Machine Learning Based Approach for Utilizing Scarce Data in Estimating Fuel Consumption of Heavy Duty Trucks. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 96-107.	0.5	1
29	Describing "China's Stupendous Mound". Eighteenth Century, 2018, 59, 369-373.	0.1	0
30	An Early Detection System for Proactive Management of Raw Milk Quality: An Australian Case Study. IEEE Access, 2018, 6, 64333-64349.	2.6	14
31	Solution and Reference Recommendation System Using Knowledge Fusion and Ranking. , 2018, , .		1
32	Customised Data Dashboard for Contact Centres by Focussing on Customer Identification. , 2018, , .		0
33	Prosumer Communities and Relationships in Smart Grids: A Literature Review, Evolution and Future Directions. Energies, 2018, 11, 2528.	1.6	144
34	Dynamic Transitions of States for Context-Sensitive Access Control Decision. Lecture Notes in Computer Science, 2018, , 127-142.	1.0	4
35	HSP90-incorporating chaperome networks as biosensor for disease-related pathways in patient-specific midbrain dopamine neurons. Nature Communications, 2018, 9, 4345.	5.8	40
36	A semantic-based knowledge fusion model for solution-oriented information network development: a case study in intrusion detection field. Scientometrics, 2018, 117, 857-886.	1.6	17

#	Article	IF	Citations
37	Accessing Data from Multiple Sources Through Context-Aware Access Control. , 2018, , .		17
38	An MCDM method for cloud service selection using a Markov chain and the best-worst method. Knowledge-Based Systems, 2018, 159, 120-131.	4.0	117
39	Extracting sentiment knowledge from pros/cons product reviews: Discovering features along with the polarity strength of their associated opinions. Expert Systems With Applications, 2018, 114, 267-288.	4.4	16
40	Interactive feature selection for efficient customer recognition in contact centers: Dealing with common names. Expert Systems With Applications, 2018, 113, 356-376.	4.4	4
41	Comparing time series with machine learning-based prediction approaches for violation management in cloud SLAs. Future Generation Computer Systems, 2018, 89, 464-477.	4.9	44
42	Stackelberg Game-Theoretic Approach in Joint Pricing and Assortment Optimizing for Small-Scale Online Retailers: Seller-Buyer Supply Chain Case. , 2018, , .		2
43	Variant Logic for Model Driven Applications. , 2018, , 988-1022.		0
44	Risk Identification-Based Association Rule Mining for Supply Chain Big Data. Lecture Notes in Computer Science, 2018, , 219-228.	1.0	5
45	Optimized and Distributed Variant Logic for Model-Driven Applications. , 2018, , 1023-1072.		0
46	An integrated fuzzy algorithm approach to factory floor design incorporating environmental quality and health impact. International Journal of Systems Assurance Engineering and Management, 2017, 8, 2071-2082.	1.5	4
47	A decision support framework for identifying novel ideas in new product development from cross-domain analysis. Information Systems, 2017, 69, 59-80.	2.4	26
48	Past, present and future of contact centers: a literature review. Business Process Management Journal, 2017, 23, 574-597.	2.4	24
49	Business Sustainability Conceptualization. Studies in Computational Intelligence, 2017, , 1-16.	0.7	5
50	Cyber Situational Awareness for CPS, 5G and IoT. Lecture Notes in Electrical Engineering, 2017, , 147-161.	0.3	6
51	Cognitive processes in spatial mapping: Evidence from a developmental spatial deficit. Cognitive Neuropsychology, 2017, 34, 294-311.	0.4	0
52	A proactive event-driven approach for dynamic QoS compliance in cloud of things. , 2017, , .		3
53	Context-Aware Access Control with Imprecise Context Characterization Through a Combined Fuzzy Logic and Ontology-Based Approach. Lecture Notes in Computer Science, 2017, , 132-153.	1.0	15
54	Formulating and managing viable SLAs in cloud computing from a small to medium service provider's viewpoint: A state-of-the-art review. Information Systems, 2017, 71, 240-259.	2.4	44

#	Article	IF	Citations
55	An online statistical quality control framework for performance management in crowdsourcing. , 2017, , .		5
56	An integrated fuzzy cognitive map-Bayesian network model for improving HSEE in energy sector. , 2017, , .		0
57	Semantic-based lightweight ontology learning framework. , 2017, , .		3
58	Conjoint utilization of structured and unstructured information for planning interleaving deliberation in supply chains. , 2017, , .		0
59	A fuzzy game based framework to address ambiguities in performance based contracting. , 2017, , .		0
60	An Integrated Fuzzy Trust Prediction Approach in Product Design and Engineering. International Journal of Fuzzy Systems, 2017, 19, 1190-1199.	2.3	1
61	Logistic informatics modelling using concept of stratification (CST). , 2017, , .		5
62	Option Pricing. Studies in Computational Intelligence, 2017, , 113-135.	0.7	2
63	Value-at-Risk. Studies in Computational Intelligence, 2017, , 137-147.	0.7	2
64	Neural Networks and Financial Forecasting. Studies in Computational Intelligence, 2017, , 51-80.	0.7	1
65	Options and Options Pricing Models. Studies in Computational Intelligence, 2017, , 31-49.	0.7	0
66	Time Series Modelling. Studies in Computational Intelligence, 2017, , 9-30.	0.7	1
67	Important Problems in Financial Forecasting. Studies in Computational Intelligence, 2017, , 81-90.	0.7	0
68	More Than a Rape Kit. Annals of Internal Medicine, 2017, 166, 854.	2.0	0
69	N-Terminal Amino Acid Sequence Determination of Proteins by N-Terminal Dimethyl Labeling: Pitfalls and Advantages When Compared with Edman Degradation Sequence Analysis. Journal of Biomolecular Techniques, 2016, 27, 61-74.	0.8	11
70	FEATURE: New Product Development Using Feature-Drift Based Framework for Unique Aspect Recommendation. , 2016, , .		0
71	Trust and Risk Semantics and Prediction through Big Data Analytics to Encompass Cloud Services, Cyber-Physical Systems, and Social Media: Issues and Challenges. , 2016, , .		0
72	TUNE: Tree Mining-Based Approach for Dual-Fuel Engine Performance Management of Heavy Duty Trucks. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
73	Mental health disparities impacting Christian Korean Americans: a qualitative examination of pastors' perspectives. Mental Health, Religion and Culture, 2016, 19, 538-552.	0.6	6
74	Chinese Flowers and the Idea of Cultivation in Early-Nineteenth-Century British Word and Image. European Romantic Review, 2016, 27, 9-24.	0.1	2
75	Challenges in Efficient Customer Recognition in Contact Centre: State-of-the-Art Survey by Focusing on Big Data Techniques Applicability. , 2016, , .		6
76	Provider-Based Optimized Personalized Viable SLA (OPV-SLA) Framework to Prevent SLA Violation. Computer Journal, 2016, 59, 1760-1783.	1.5	26
77	Ion-Implanted Screen-Printed n-Type Solar Cell With Tunnel Oxide Passivated Back Contact. IEEE Journal of Photovoltaics, 2016, 6, 153-158.	1.5	21
78	Intelligent customer complaint handling utilising principal component and data envelopment analysis (PDA). Applied Soft Computing Journal, 2016, 47, 614-630.	4.1	21
79	Philosophical and Logic-Based Argumentation-Driven Reasoning Approaches and their Realization on the WWW: A Survey. Computer Journal, 2015, 58, 1967-1999.	1.5	1
80	Ion implanted screen printed N-type solar cell with tunnel oxide passivated back contact. , 2015, , .		5
81	Profile-Based Viable Service Level Agreement (SLA) Violation Prediction Model in the Cloud. , 2015, , .		23
82	User-side QoS forecasting and management of cloud services. World Wide Web, 2015, 18, 1677-1716.	2.7	17
83	Ontology usage analysis in the ontology lifecycle: A state-of-the-art review. Knowledge-Based Systems, 2015, 80, 34-47.	4.0	20
84	Cognition and Statistical-Based Crowd Evaluation Framework for ER-in-House Crowdsourcing System: Inbound Contact Center. Lecture Notes in Computer Science, 2015, , 207-219.	1.0	5
85	Decision-making framework for user-based inter-cloud service migration. Electronic Commerce Research and Applications, 2015, 14, 523-531.	2.5	14
86	A User-Based Early Warning Service Management Framework in Cloud Computing. Computer Journal, 2015, 58, 472-496.	1.5	9
87	Interleaving Collaborative Planning and Execution Along with Deliberation in Logistics and Supply Chain. IFIP Advances in Information and Communication Technology, 2015, , 139-148.	0.5	1
88	Computational Intelligence Approach to Capturing the Implied Volatility. IFIP Advances in Information and Communication Technology, 2015, , 85-97.	0.5	4
89	Optimized and Distributed Variant Logic for Model-Driven Applications. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2015, , 428-478.	0.5	0
90	In-house Crowdsourcing-Based Entity Resolution: Dealing with Common Names. , 2014, , .		5

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91	Intelligent online customer recognition framework: Dealing with common personal names. , 2014, , .		7
92	A Methodology to Find Influential Prosumers in Prosumer Community Groups. IEEE Transactions on Industrial Informatics, 2014, 10, 706-713.	7.2	58
93	A methodology to map customer complaints and measure customer satisfaction and loyalty. Service Oriented Computing and Applications, 2014, 8, 33-53.	1.3	20
94	Cloud service selection: State-of-the-art and future research directions. Journal of Network and Computer Applications, 2014, 45, 134-150.	5.8	212
95	DNAâ€Scaffolded Multivalent Ligands to Modulate Cell Function. ChemBioChem, 2014, 15, 1268-1273.	1.3	43
96	Trust-based performance measurement using fuzzy operators. , 2014, , .		2
97	Conjoint Mining of Data and Content with Applications in Business, Bio-medicine, Transport Logistics and Electrical Power Systems. Lecture Notes in Computer Science, 2014, , 1-19.	1.0	2
98	Variant Logic for Model Driven Applications. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2014, , 1-34.	0.5	3
99	Semantic Web Service matchmakers: state of the art andâ€‰challenges. Concurrency Computation Practice and Experience, 2013, 25, 961-988.	1.4	34
100	An Intelligent Particle Swarm Optimization for Short-Term Traffic Flow Forecasting Using on-Road Sensor Systems. IEEE Transactions on Industrial Electronics, 2013, 60, 4714-4725.	5.2	74
101	Development of landmark based routing system for in-car GPS navigation. , 2013, , .		2
102	Z-AHP: A Z-number extension of fuzzy analytical hierarchy process. , 2013, , .		57
103	Cyber-physical systems and cloud ecosystems keynote paper. , 2013, , .		1
104	High-level expression of a full-length Eph receptor. Protein Expression and Purification, 2013, 92, 112-118.	0.6	9
105	Prediction of Short-Term Traffic Variables Using Intelligent Swarm-Based Neural Networks. IEEE Transactions on Control Systems Technology, 2013, 21, 263-274.	3.2	57
106	Trust, Reputation, and Risk in Cyber Physical Systems. IFIP Advances in Information and Communication Technology, 2013, , 1-9.	0.5	5
107	UCOSAIS: A Framework for User-Centered Online Service Advertising Information Search. Lecture Notes in Computer Science, 2013, , 267-276.	1.0	3
108	An Approach to University Social Responsibility Ontology Development through Text Analyses. , 2012, , .		8

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109	Probabilistic assessment of loss in revenue generation in demand-driven production. Journal of Intelligent Manufacturing, 2012, 23, 2069-2084.	4.4	10
110	Goal-Directed Grid-Enabled Computing for Legacy Simulations. , 2012, , .		11
111	Event Handling for Distributed Real-Time Cyber-Physical Systems. , 2012, , .		10
112	Metrics Development for Measuring Virtual University Social Responsibility. , 2012, , .		4
113	Detecting Events in Narrative Essays. , 2012, , .		0
114	A Customer Relationship Management ecosystem that utilizes multiple sources and types of information conjointly. , 2012, , .		4
115	Selection of Significant On-Road Sensor Data for Short-Term Traffic Flow Forecasting Using the Taguchi Method. IEEE Transactions on Industrial Informatics, 2012, 8, 255-266.	7.2	38
116	Neural-Network-Based Models for Short-Term Traffic Flow Forecasting Using a Hybrid Exponential Smoothing and Levenbergâ€"Marquardt Algorithm. IEEE Transactions on Intelligent Transportation Systems, 2012, 13, 644-654.	4.7	352
117	Cognitive radio network security: A survey. Journal of Network and Computer Applications, 2012, 35, 1691-1708.	5.8	77
118	Semantics of Cyber-Physical Systems. International Federation for Information Processing, 2012, , 3-12.	0.4	6
119	A sustainable ICT education ontology. , 2011, , .		16
120	A Survey on SLA and Performance Measurement in Cloud Computing. Lecture Notes in Computer Science, 2011, , 469-477.	1.0	13
121	Service Level Agreement for Distributed Services: A Review. , 2011, , .		7
122	A Service Search Engine for the Industrial Digital Ecosystems. IEEE Transactions on Industrial Electronics, 2011, 58, 2183-2196.	5.2	34
123	Maturity, distance and density (MD2) metrics for optimizing trust prediction for business intelligence. Journal of Global Optimization, 2011, 51, 285-300.	1.1	10
124	A service concept recommendation system for enhancing the dependability of semantic service matchmakers in the service ecosystem environment. Journal of Network and Computer Applications, 2011, 34, 619-631.	5.8	18
125	Webâ€ofâ€things framework for cyberâ€"physical systems. Concurrency Computation Practice and Experience, 2011, 23, 905-923.	1.4	71
126	A contextâ€aware semantic similarity model for ontology environments. Concurrency Computation Practice and Experience, 2011, 23, 505-524.	1.4	25

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127	A framework for discovering and classifying ubiquitous services in digital health ecosystems. Journal of Computer and System Sciences, 2011, 77, 687-704.	0.9	24
128	Probabilistic assessment of financial risk in e-business associations. Simulation Modelling Practice and Theory, 2011, 19, 704-717.	2.2	7
129	Lifecycle and generational application of automated updates to MDA based enterprise information systems. , 2011, , .		6
130	Noise Reduction in Essay Datasets for Automated Essay Grading. Lecture Notes in Computer Science, 2011, , 484-493.	1.0	4
131	State of the Art of Community-Driven Software Engineering Ontology Evolution. , 2011, , .		1
132	Determining Writing Genre: Towards a Rubric-based Approach to Automated Essay Grading. , 2011, , .		0
133	A Trust-Evaluation Metric for Cloud applications. International Journal of Machine Learning and Computing, 2011, , 416-421.	0.8	60
134	SWWS 2011, MONET 2011 and SeDeS 2011 PC Co-chairs' Message. Lecture Notes in Computer Science, 2011, , 380-381.	1.0	0
135	Cloud Computing: Issues and Challenges. , 2010, , .		781
136	A Human-Centered Semantic Service Platform for the Digital Ecosystems Environment. World Wide Web, 2010, 13, 75-103.	2.7	17
137	Application of Digital Ecosystem Design Methodology Within the Health Domain. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2010, 40, 779-788.	3.4	21
138	Response time for cloud computing providers. , 2010, , .		20
139	SMART CAMP: Environmental Sustainability Through Intelligent Automation Technologies. , 2010, , .		5
140	Secure communication in wireless multimedia sensor networks using watermarking. , 2010, , .		11
141	State of the Art Review for Trust Maintenance in Organizations. , 2010, , .		3
142	Intelligent CRM on the Cloud. , 2010, , .		5
143	A Framework Enabling Semantic Search in Health Service Ecosystems. , 2010, , .		1
144	Conceptual SLA framework for cloud computing. , 2010, , .		170

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145	SLA-Based Trust Model for Cloud Computing. , 2010, , .		123
146	A Secure Key Management Model for Wireless Mesh Networks. , 2010, , .		7
147	Towards Trust Establishment for Spectrum Selection in Cognitive Radio Networks. , 2010, , .		26
148	A novel wavelet-based approach to enhance the performance of mobile-business systems. , 2010, , .		0
149	Q-Contract Net: A Negotiation Protocol to Enable Quality-Based Negotiation in Digital Business Ecosystems. , 2010, , .		0
150	Improving Graduate Employability by Using Social Networking Systems. , 2010, , .		1
151	Subjective Quality Assessments in Virtual Environments. , 2010, , .		0
152	Semantic Service Retrieval and QoS Measurement in the Digital Ecosystem Environment. , 2010, , .		15
153	Welcome message from Conference General Chairs. , 2010, , .		0
154	Cyber-Physical Systems as an embodiment of Digital Ecosystems extended abstract. , 2010, , .		5
155	SWWSâ€™10 - PC Co-chairs Message. Lecture Notes in Computer Science, 2010, , 595-595.	1.0	0
156	A Hybrid Service Metadata Clustering Methodology in the Digital Ecosystem Environment. , 2009, , .		2
157	Sustainable ICT education ecosystem. , 2009, , .		1
158	Mapping a sequence diagram to the related code: Cognitive levels expressed by developers. , 2009, , .		0
159	Sequence diagrams: An aid for digital ecosystem developers. , 2009, , .		2
160	Web of Things as a Framework for Ubiquitous Intelligence and Computing. Lecture Notes in Computer Science, 2009, , 2-13.	1.0	36
161	Applications of Wireless Sensor Networks in Pharmaceutical Industry. , 2009, , .		17
162	Information ecological imbalance and information intervention policies in digital ecosystems. , 2009, , .		0

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163	A QoS-based service retrieval methodology for digital ecosystems. International Journal of Web and Grid Services, 2009, 5, 261.	0.4	8
164	Current research trends and directions for future research in trust maintenance for virtual environments. , 2009, , .		1
165	Development of a Software Engineering Ontology for Multisite Software Development. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 1205-1217.	4.0	66
166	An abstract layered model for Webâ€‘inclusive distributed computing leading to enhancing GRIDSpace with Web 2.0. Concurrency Computation Practice and Experience, 2009, 21, 605-634.	1.4	3
167	Secure web services using two-way authentication and three-party key establishment for service delivery. Journal of Systems Architecture, 2009, 55, 233-242.	2.5	6
168	Chaotic map based key agreement with/out clock synchronization. Chaos, Solitons and Fractals, 2009, 39, 1283-1289.	2.5	80
169	Identifying attributes and insecurity of a public-channel key exchange protocol using chaos synchronization. Chaos, Solitons and Fractals, 2009, 40, 2569-2575.	2.5	0
170	An Ontology-Based Webpage Classification Approach for the Knowledge Grid Environment. , 2009, , .		2
171	State of the Art in Semantic Focused Crawlers. Lecture Notes in Computer Science, 2009, , 910-924.	1.0	16
172	Wireless Sensor Networks: A Survey. , 2009, , .		194
173	Design Methodology for Integrated Systems - Part II (Multi-Agent System Design). Studies in Computational Intelligence, 2009, , 127-142.	0.7	0
174	Case Study I: Ontology-Based Multi-Agent System for Human Disease Studies. Studies in Computational Intelligence, 2009, , 179-216.	0.7	0
175	Current Issues and the Need for Ontologies and Agents. Studies in Computational Intelligence, 2009, , 1-13.	0.7	0
176	Introduction to Ontology. Studies in Computational Intelligence, 2009, , 37-60.	0.7	3
177	Ontology Design Approaches. Studies in Computational Intelligence, 2009, , 75-91.	0.7	0
178	Design Methodology for Integrated Systems - Part I (Ontology Design). Studies in Computational Intelligence, 2009, , 111-126.	0.7	0
179	Architecture of the Integrated Ontology and Multi-Agent System. Studies in Computational Intelligence, 2009, , 165-177.	0.7	0
180	Evaluating Software Inspection Cognition Levels Using Bloom's Taxonomy. , 2009, , .		10

#	Article	IF	Citations
181	A Fuzzy Inference Model for Risk based Informed Decision-Making in e-Business. , 2009, , .		1
182	A Methodology for Transactional Risk Assessment and Decision Making in e-Business Interactions. , 2009, , .		0
183	Efficient threshold self-healing key distribution with sponsorization for infrastructureless wireless networks. IEEE Transactions on Wireless Communications, 2009, 8, 1876-1887.	6.1	28
184	Intelligent Matching for Public Internet Web Services Towards Semi-Automatic Internet Services Mashup. , 2009, , .		2
185	Determining the Net Financial Risk for Decision Making in Business Interactions. , 2009, , .		1
186	A digital information ecosystem structure for regional climate change assessment and adaptation. , 2009, , .		1
187	An Authenticated Self-Healing Key Distribution Scheme Based on Bilinear Pairings. , 2009, , .		4
188	Wireless multimedia sensor network technology: A survey. , 2009, , .		61
189	A Hybrid Concept Similarity Measure Model for Ontology Environment. Lecture Notes in Computer Science, 2009, , 848-857.	1.0	7
190	Introduction to Multi-Agent Systems. Studies in Computational Intelligence, 2009, , 15-35.	0.7	1
191	Design Approaches for Multi-Agent-Based Systems. Studies in Computational Intelligence, 2009, , 61-74.	0.7	1
192	Potential Applications of Ontology-Based Multi-Agent Systems. Studies in Computational Intelligence, 2009, , 271-273.	0.7	0
193	Quality Measures for Digital Business Ecosystems Formation. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 118-121.	0.2	0
194	Privacy-Preserving Transactions Protocol Using Mobile Agents with Mutual Authentication. , 2009, , 286-298.		0
195	Significance of Ontologies, Agents and Their Integration. Studies in Computational Intelligence, 2009, , 93-110.	0.7	0
196	Semantic Service Search, Service Evaluation and Ranking in Service Oriented Environment. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 111-117.	0.2	1
197	Notations for the Integrated Ontology and Multi-Agent System Design. Studies in Computational Intelligence, 2009, , 143-163.	0.7	0
198	SWWS 2009 PC Co-chairs' Message. Lecture Notes in Computer Science, 2009, , 815-815.	1.0	0

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199	Measuring Cognition Levels in Collaborative Processes for Software Engineering Code Inspections. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 32-43.	0.2	2
200	State of the Art in Negotiation Ontologies for Enhancing Business Intelligence. , 2008, , .		3
201	A survey in semantic search technologies. , 2008, , .		14
202	Transport service ontology and its application in the field of semantic search. , 2008, , .		10
203	Privacy Ontology Support for E-Commerce. IEEE Internet Computing, 2008, 12, 54-61.	3.2	27
204	Using UML 2.1 to Model Multi-agent Systems. Lecture Notes in Computer Science, 2008, , 1-8.	1.0	4
205	A Survey of RFID Authentication Protocols Based on Hash-Chain Method. , 2008, , .		34
206	Developing a semantic service transaction system in the DE environment. , 2008, , .		0
207	A Transport Service Ontology-based Focused Crawler. , 2008, , .		16
208	Ascertaining the Semantic and Linguistic Level of Perceived Risk in e-Business Interactions. , 2008, , .		2
209	Ontological manifestation of product risk in service oriented environment. , 2008, , .		0
210	Using non-commutative monoids to construct three-party key establishment. , 2008, , .		0
211	Overview of a Media Convergence Centre (MC<sup>2</sup>). , 2008, , .		0
212	Quantifying the numeric and linguistic magnitude of perceived risk in E-Commerce Interactions for RDSS. , 2008, , .		0
213	Current status of biomedical ontologies: Developments in 2007. , 2008, , .		0
214	Mapping relational data model to OWL ontology: Knowledge conceptualization in OWL. , 2008, , .		3
215	Re-configurable VoIP interactive response. , 2008, , .		1
216	Determining the Level of Perceived Risk in e-business Web 2.0 Interactions. , 2008, , .		3

#	ARTICLE	IF	CITATIONS
217	XML Profile for Distributed Real Time Systems. , 2008, , .		1
218	Developing a conceptual framework of semantic search engine to promote the collaborations between SMEs in the digital ecosystems environment. , 2008, , .		0
219	A digital ecosystem for ICT educators, ICT industry and ICT students. , 2008, , .		3
220	Checklist Based Reading's Influence on a Developer's Understanding. , 2008, , .		8
221	Knowledge extraction from web-based application source code: An approach to database reverse engineering for ontology development. , 2008, , .		4
222	Use of Protein Ontology to Enable Data Exchange for Complex Proteomic Experiments. , 2008, , .		0
223	Ontology Support for Biomedical Information Resources. , 2008, , .		6
224	State of the art in metadata abstraction crawlers. , 2008, , .		2
225	A survey in semantic web technologies-inspired focused crawlers. , 2008, , .		16
226	Ontological framework for trust & reputation for DBE. , 2008, , .		4
227	A Software Engineering Ontology as Software Engineering Knowledge Representation. , 2008, , .		14
228	A survey in traditional information retrieval models. , 2008, , .		9
229	Highlighting the issues in making an informed interaction-based decision in industrial ecosystems. , 2008, , .		0
230	Tree model guided candidate generation for mining frequent subtrees from XML documents. ACM Transactions on Knowledge Discovery From Data, 2008, 2, 1-43.	2.5	39
231	An Empirical Approach for Semantic Web Services Discovery. Proceedings / Australian Software Engineering Conference, 2008, , .	0.0	19
232	A work-in-progress platform for solving knowledge sharing issues in organizations. , 2008, , .		0
233	Checklist Inspections and Modifications: Applying Bloom's Taxonomy to Categorise Developer Comprehension. , 2008, , .		4
234	Human system interaction with confident computing. The mega trend. , 2008, , .		15

#	ARTICLE	IF	CITATIONS
235	Knowledge Analysis with Tree Patterns. , 2008, , .		3
236	Use of UML 2.1 to Model Multi-Agent Systems based on a Goal-driven Software Engineering Ontology. , 2008, , .		6
237	Using coalgebra and coinduction to define ontology-based multi-agent systems. International Journal of Metadata, Semantics and Ontologies, 2008, 3, 197.	0.2	4
238	Determining the Failure Level for Risk Analysis in an e-Commerce Interaction. Lecture Notes in Computer Science, 2008, , 290-323.	1.0	6
239	Latent Semantic Analysis â€" The Dynamics of Semantics Web Services Discovery. Lecture Notes in Computer Science, 2008, , 346-373.	1.0	14
240	Extraction Process Specification for Materialized Ontology Views. Lecture Notes in Computer Science, 2008, , 130-175.	1.0	1
241	A robust methodology for prediction of trust and reputation values. , 2008, , .		6
242	A methodology for quality-based mashup of data sources. , 2008, , .		10
243	Multi-site Software Engineering Ontology Instantiations Management Using Reputation Based Decision Making. Lecture Notes in Computer Science, 2008, , 199-218.	1.0	1
244	Quality of service (QoS) based service retrieval engine. , 2008, , .		2
245	Data Integration Through Protein Ontology. , 2008, , 106-122.		0
246	Trustworthiness Measurement Methodology (TMM) for Assessment Purposes. , 2007, , .		2
247	Quantifying the Loss in Resource Benefit for Risk based Decision in Digital Business Ecosystem. , 2007, , .		1
248	Intelligent Web Services Selection based on AHP and Wiki. , 2007, , .		4
249	Ontology Instantiations for Software Engineering Knowledge Management. , 2007, , .		2
250	An Analysis of Web Services Mediation Architecture and Pattern in Synapse. , 2007, , .		4
251	Current Status of Biomedical Ontologies: Developments in 2006. , 2007, , .		3
252	A Practical Image Retrieval Framework for Tourism Industry. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
253	Quantifying Failure for Risk Based Decision Making in Digital Business Ecosystem Interactions. , 2007, , .		1
254	Quantifying the level of failure in a digital business ecosystem interactions. , 2007, , .		1
255	Reconfigurable Software Architecture for Voice Access to Data Services. , 2007, , .		3
256	Multi-site Project Organisation Knowledge Sharing Ontology. , 2007, , .		1
257	GRIDSpace: Semantic Grid Services on the Web-Evolution towards a SoftGrid. , 2007, , .		10
258	Visual Modeling of Ontology Views for e-Sciences Using XSemantic Nets. Proceedings of the IEEE Symposium on Computer-Based Medical Systems, 2007, , .	0.0	0
259	An overview of the interpretations of trust and reputation. , 2007, , .		6
260	An Integrative view of the concept of Digital Ecosystem. , 2007, , .		17
261	Contemporary Cultural Researches on Knowledge Sharing. , 2007, , .		0
262	Use of Digital Ecosystem and Ontology Technology for Standardization of Medical Records. , 2007, , .		8
263	Exploring a Digital Ecosystem Conceptual Model and Its Simulation Prototype. , 2007, , .		5
264	Trust based decision making approach for protein ontology. , 2007, , .		4
265	Sub-ontologies and ontology views: a theoretical perspective. International Journal of Metadata, Semantics and Ontologies, 2007, 2, 94.	0.2	2
266	Intelligent Web Services Selection based on AHP and Wiki. , 2007, , .		4
267	Secure and Mobile VoIP. , 2007, , .		2
268	GRIDSpace: Semantic Grid Services on the Web-Evolution towards a SoftGrid. , 2007, , .		3
269	Voice over Internet Protocol on Mobile Devices. , 2007, , .		14
270	Illustrative Example of Determining Quality of Product (QoP) Using Trustworthiness Measurement Methodology. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
271	Searching Services "on the Web": A Public Web Services Discovery Approach. , 2007, , .		31
272	Exploring the Conceptual Model of Digital Ecosystem. , 2007, , .		6
273	Project Track and Trace Ontology. , 2007, , .		0
274	Application of Protege and SPARQL in the field of project knowledge management. , 2007, , .		8
275	Detection of Fractal Breakdowns by the Novel Real-Time Pattern Detection Model (Enhanced-RTPD+Holder Exponent) for Web Applications. , 2007, , .		3
276	Protein Ontology Project in 2007: Looking Backward and Forward. Proceedings of the IEEE Symposium on Computer-Based Medical Systems, 2007, , .	0.0	1
277	Compare and Contrast of Contemporary Technical Knowledge Sharing Technologies. , 2007, , .		0
278	Trustworthiness measurement methodology (TMM) for assessment purposes. , 2007, , .		3
279	State of the art review of the existing PageRankTM based algorithms for trust computation. , 2007, , .		0
280	A Method for Service Quality Assessment in a Service Ecosystem. , 2007, , .		3
281	Ontology Modelling Notations for Software Engineering Knowledge Representation. , 2007, , .		2
282	Ascertaining Risk in Financial Terms in Digital Business Ecosystem Environments. , 2007, , .		1
283	Ontology for Automated Multi-site Project Management. , 2007, , .		0
284	Ontology-based Solutions for Knowledge Sharing Issues in Project Organisations. , 2007, , .		0
285	Digital Ecosystems: Principles and Semantics. , 2007, , .		131
286	Tree Mining Application to Matching of Heterogeneous Knowledge Representations. , 2007, , .		4
287	Quantifying the Possible Financial Consequences of Failure for making a Risk Based Decision. , 2007, , .		2
288	Ontology algebra for composition of protein data sources. , 2007, , .		1

#	ARTICLE	IF	CITATIONS
289	Project Track and Trace Methodology in the Environment of Digital Ecosystem. , 2007, , .		1
290	Illustrative example of determining Quality of Service (QoS) using trustworthiness measurement methodology. , 2007, , .		0
291	Towards Quantifying the Possible Risk in e-commerce Interactions for RDSS. , 2007, , .		14
292	Determining the Loss of Investment Probability for Risk based Decision Support System. , 2007, , .		2
293	An Overview of the Interpretations of Trust and Reputation. , 2007, , .		14
294	Improving RFID Read Rate Reliability by a Systematic Error Detection Approach. , 2007, , .		19
295	Mutual Authentication Protocol for RFID Tags Based on Synchronized Secret Information with Monitor. , 2007, , 227-238.		17
296	Fuzzy Decision Support for Service Selection in E-Business Environments. , 2007, , .		6
297	Ontology-Based Digital Ecosystem Conceptual Representation. , 2007, , .		6
298	An Environmentally Adaptive Conceptual Framework for Addressing Information Privacy Issues in Digital Ecosystems. , 2007, , .		2
299	State of the art review of the existing soft computing based approaches to trust and reputation computation. , 2007, , .		1
300	State of the art review of the existing PageRankTM based algorithms for trust and reputation computation. , 2007, , .		1
301	State of the art review of the existing bayesian-network based approaches to trust and reputation computation. , 2007, , .		15
302	Privacy-Preserving Transactions Protocol Using Mobile Agents with Mutual Authentication. International Journal of Information Security and Privacy, 2007, 1, 35-46.	0.6	0
303	Trust ontologies for e-service environments. International Journal of Intelligent Systems, 2007, 22, 519-545.	3.3	12
304	A methodology to quantify failure for risk-based decision support system in digital business ecosystems. Data and Knowledge Engineering, 2007, 63, 597-621.	2.1	28
305	Fuzzy trust evaluation and credibility development in multi-agent systems. Applied Soft Computing Journal, 2007, 7, 492-505.	4.1	113
306	Aligning with the Web: an atom-based architecture for Web services discovery. Service Oriented Computing and Applications, 2007, 1, 97-116.	1.3	17

#	Article	IF	Citations
307	Reference Architectural Styles for Service-Oriented Computing. Lecture Notes in Computer Science, 2007, , 543-555.	1.0	35
308	Anonymous Mutual Authentication Protocol for RFID Tag Without Back-End Database. , 2007, , 623-632.		11
309	Mining Frequent Patterns Using Self-Organizing Map. , 2007, , 121-142.		2
310	Secure E-Transactions Protocol using Intelligent Mobile Agents with Fair Privacy. Studies in Computational Intelligence, 2007, , 307-326.	0.7	1
311	A Projection of the Future Effects of Quantum Computation on Information Privacy. International Journal of Information Security and Privacy, 2007, 1, 1-12.	0.6	4
312	Towards Social Network Based Approach for Software Engineering Ontology Sharing and Evolution. , 2007, , 1233-1243.		2
313	Tree Mining Application to Matching of Heterogeneous Knowledge Representations. , 2007, , .		0
314	Converged Voice Access to Data (CVAD). , 2007, , .		0
315	Towards Quantifying the Possible Risk in e-commerce Interactions for RDSS. , 2007, , .		0
316	New Framework for Authentication and Authorization for e-Health Service Systems. , 2006, , .		8
317	AtomServ Architecture: Towards Internet-scaled Service Publish, Subscription, and Discovery. , 2006, , .		2
318	Mining Substructures in Protein Data. , 2006, , .		17
319	Towards Ascertaining Risk in Digital Business Ecosystem Interactions. , 2006, , .		3
320	Ontological Manifestation of Trust for Service Oriented Environment. , 2006, , .		0
321	Razor: mining distance-constrained embedded subtrees. , 2006, , .		13
322	Quantifying Risk in Financial Terms in an e-Transaction. , 2006, , .		0
323	Subjective and Objective Watermark Detection using a Novel Approach - Bar-code Watermarking. , 2006, , .		1
324	Recovering and Restoring Tampered RFID Data using Steganographic Principles. , 2006, , .		14

#	ARTICLE	IF	CITATIONS
325	Modeling views in the layered view model for XML using UML. International Journal of Web Information Systems, 2006, 2, 95-118.	1.3	6
326	An information privacy taxonomy for collaborative environments. Information Management and Computer Security, 2006, 14, 382-394.	1.2	27
327	Soft computing agents for e-Health in application to the research and control of unknown diseases. Information Sciences, 2006, 176, 1190-1214.	4.0	39
328	Ontology-based multi-site software development methodology and tools. Journal of Systems Architecture, 2006, 52, 640-653.	2.5	35
329	Use of Ontology Technology for Standardization of Medical Records and Dealing with Associated Privacy Issues. , 2006, , .		3
330	A framework of authentication and authorization for e-health services. , 2006, , .		18
331	Integration of Situational and Reward Elements for Fair Privacy Principles and Preferences (F3P). , 2006, , .		3
332	Applications of RFID in Pharmaceutical Industry. , 2006, , .		16
333	Visual Modeling of Behavioral Properties in the LVM for XML Using XSemantic Nets. , 2006, , .		0
334	Trust Issues in Service Oriented Environment. , 2006, , .		3
335	Tamper Detection in RFID Tags using Fragile Watermarking. , 2006, , .		22
336	Protein Data Sources Management Using Semantics. Lecture Notes in Computer Science, 2006, , 595-601.	1.0	1
337	Unification of Protein Data and Knowledge Sources. Lecture Notes in Computer Science, 2006, , 728-737.	1.0	2
338	Ontology Views: A Theoretical Perspective. Lecture Notes in Computer Science, 2006, , 1814-1824.	1.0	9
339	Integration of Protein Data Sources Through PO. Lecture Notes in Computer Science, 2006, , 519-527.	1.0	15
340	Trustworthiness Measurement Methodology for e-Business. , 2006, , 21-30.		0
341	Quantification of the Effectiveness of the Markov Model for Trustworthiness Prediction. , 2006, , 191-200.		0
342	Medical ontologies to support human disease research and control. International Journal of Web and Grid Services, 2005, 1, 139.	0.4	22

#	Article	IF	Citations
343	Large scale ontology visualisation using ontology extraction. International Journal of Web and Grid Services, 2005, 1, 113.	0.4	12
344	Designing websites with eXtensible web (xWeb) methodology. International Journal of Web Information Systems, 2005, 1, 179-191.	1.3	3
345	e-Forensics steganography system for secret information retrieval. Advanced Engineering Informatics, 2005, 19, 235-241.	4.0	11
346	Context Based Riskiness Assessment. , 2005, , .		5
347	An Ontology for Protein Data Models. , 2005, 2005, 6120-3.		5
348	Reconfigurable Web Service Integration in the Extended Logistics Enterprise. IEEE Transactions on Industrial Informatics, 2005, 1, 74-84.	7.2	20
349	A Three-Layered XML View Model: A Practical Approach. Lecture Notes in Computer Science, 2005, , 79-95.	1.0	7
350	Building a Fuzzy Trust Network in Unsupervised Multi-agent Environments. Lecture Notes in Computer Science, 2005, , 816-825.	1.0	16
351	Applying a Fuzzy Trust Model to E-Commerce Systems. Lecture Notes in Computer Science, 2005, , 318-329.	1.0	8
352	A New Conceptual Framework Within Information Privacy: Meta Privacy. Lecture Notes in Computer Science, 2005, , 55-61.	1.0	1
353	Modeling Views for Semantic Web Using eXtensible Semantic (XSemantic) Nets. Lecture Notes in Computer Science, 2005, , 936-946.	1.0	1
354	Ontological Foundation for Protein Data Models. Lecture Notes in Computer Science, 2005, , 916-925.	1.0	8
355	Ontologies on the MOVE. Lecture Notes in Computer Science, 2004, , 812-823.	1.0	27
356	A Practical Approach to the Derivation of a Materialized Ontology View. , 2004, , 191-226.		24
357	Research activities in the school of information systems at Curtin University of Technology. International Journal of Information Management, 2003, 23, 425-430.	10.5	0
358	A Virtual Logistics Network and an E-hub as a Competitive Approach for Small to Medium Size Companies. Lecture Notes in Computer Science, 2003, , 265-271.	1.0	16
359	XML Views: Part 1. Lecture Notes in Computer Science, 2003, , 148-159.	1.0	16
360	Two Layer Web User Interface Analysis Framework Using SNN and iFIN. Lecture Notes in Computer Science, 2003, , 223-234.	1.0	4

#	ARTICLE	IF	CITATIONS
361	A semantic network-based design methodology for XML documents. ACM Transactions on Information Systems, 2002, 20, 390-421.	3.8	69
362	Questions and Answers. Eating Disorders, 2002, 10, 81-85.	1.9	0
363	Can morbidity and mortality of SLE be improved?. Best Practice and Research in Clinical Rheumatology, 2002, 16, 313-332.	1.4	63
364	A Practical Walkthrough of the Ontology Derivation Rules. Lecture Notes in Computer Science, 2002, , 259-268.	1.0	33
365	Performance evaluation of the object-relational transformation methodology. Data and Knowledge Engineering, 2001, 38, 265-300.	2.1	17
366	A methodology for transforming inheritance relationships in an object-oriented conceptual model to relational tables. Information and Software Technology, 2000, 42, 571-592.	3.0	19
367	Solution of power system problems through the use of the object-oriented paradigm. International Journal of Electrical Power and Energy Systems, 1994, 16, 157-165.	3.3	9
368	THE UNDERWEIGHT JAMAICAN PARTURIENT. BJOG: an International Journal of Obstetrics and Gynaecology, 1971, 78, 379-382.	1.1	3
369	Optimized and Distributed Variant Logic for Model-Driven Applications. , 0, , 806-855.		0
370	Privacy-Preserving Transactions Protocol Using Mobile Agents with Mutual Authentication. , 0, , 103-114.		0
371	A Projection of the Future Effects of Quantum Computation on Information Privacy. , 0, , 138-147.		0
372	Knowledge Discovery in Biomedical Data Facilitated by Domain Ontologies. , 0, , 2096-2108.		0
373	Analysing academic paper ranking algorithms using test data and benchmarks: an investigation. Scientometrics, 0, , .	1.6	2