

# Michael Sheng

## List of Publications by Year in Descending Order

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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.

415  
papers

7,241  
citations

42  
h-index

70  
g-index

520  
ext. papers

9,255  
ext. citations

3.1  
avg, IF

6.44  
L-index

#	Paper	IF	Citations
415	A Fast and Accurate Approach for Inferencing Social Relationships Among IoT Objects. <i>Lecture Notes in Computer Science</i> , <b>2022</b> , 83-94	0.9	
414	The Role of Communication Time in the Convergence of Federated Edge Learning. <i>IEEE Transactions on Vehicular Technology</i> , <b>2022</b> , 1-1	6.8	0
413	Selecting Workers Wisely for Crowdsourcing When Copiers and Domain Experts Co-exist. <i>Future Internet</i> , <b>2022</b> , 14, 37	3.3	
412	A Survey on Session-based Recommender Systems. <i>ACM Computing Surveys</i> , <b>2022</b> , 54, 1-38	13.4	37
411	A Comprehensive Survey on Community Detection With Deep Learning.. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2022</b> , PP,	10.3	14
410	Non-invasive Techniques for Monitoring Different Aspects of Sleep: A Comprehensive Review. <i>ACM Transactions on Computing for Healthcare</i> , <b>2022</b> , 3, 1-26	2.6	3
409	Accelerating Federated Learning via Parallel Servers: A Theoretically Guaranteed Approach. <i>IEEE/ACM Transactions on Networking</i> , <b>2022</b> , 1-15	3.8	
408	Towards a Deep Learning-Driven Service Discovery Framework for the Social Internet of Things: A Context-Aware Approach. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 480-488	0.9	1
407	TDM-CFC: Towards Document-Level Multi-label Citation Function Classification. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 363-376	0.9	1
406	Communication-Efficient Semi-Hierarchical Federated Analytics in IoT Networks. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	1
405	Deep News Recommendation with Contextual User Profiling and Multifaceted Article Representation. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 237-251	0.9	1
404	Locally-weighted Ensemble Detection-based Adaptive Random Forest Classifier for Sensor-based Online Activity Recognition for Multiple Residents. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	0
403	A Comprehensive Survey on Graph Anomaly Detection with Deep Learning. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2021</b> , 1-1	4.2	39
402	RICA-MD: A Refined ICA Algorithm for Motion Detection. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , <b>2021</b> , 17, 1-17	3.4	
401	MulDE: Multi-teacher Knowledge Distillation for Low-dimensional Knowledge Graph Embeddings <b>2021</b> ,		2
400	Machine learning research towards combating COVID-19: Virus detection, spread prevention, and medical assistance. <i>Journal of Biomedical Informatics</i> , <b>2021</b> , 117, 103751	10.2	20
399	P-FedAvg: Parallelizing Federated Learning with Theoretical Guarantees <b>2021</b> ,		6

398	Can Steering Wheel Detect Your Driving Fatigue?. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 5537-5550	6.8	1
397	Mashup Recommendation by Regularizing Matrix Factorization with API Co-Invocations. <i>IEEE Transactions on Services Computing</i> , <b>2021</b> , 14, 502-515	4.8	34
396	Integrating Context to Preferences and Goals for Goal-oriented Adaptability of Software Systems. <i>Computer Journal</i> , <b>2021</b> , 64, 675-706	1.3	1
395	A User-Oriented Taxi Ridesharing System with Large-Scale Urban GPS Sensor Data. <i>IEEE Transactions on Big Data</i> , <b>2021</b> , 7, 327-340	3.2	3
394	Incremental Graph Pattern Based Node Matching with Multiple Updates. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2021</b> , 33, 1585-1600	4.2	4
393	Assessment2Vec: Learning Distributed Representations of Assessments to Reduce Marking Workload. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 384-389	0.9	4
392	QoS-Aware Energy Management and Node Scheduling Schemes for Sensor Network-Based Surveillance Applications. <i>IEEE Access</i> , <b>2021</b> , 9, 3065-3096	3.5	7
391	An IoT Edge Computing Framework Using Cordova Accessor Host. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	1
390	Partition-Aware Graph Pattern based Node Matching with Updates. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2021</b> , 1-1	4.2	1
389	CompactNet: A Light-Weight Deep Learning Framework for Smart Intrusive Load Monitoring. <i>IEEE Sensors Journal</i> , <b>2021</b> , 1-1	4	
388	Designing and Building Context-Aware Services: The ContextServ Project. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 138-152	0.9	
387	Cognitive Augmentation in Processes. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 123-137	0.9	3
386	. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 11193-11207	10.7	3
385	Advancing smart building readiness: Automated metadata extraction using neural language processing methods. <i>Advances in Applied Energy</i> , <b>2021</b> , 3, 100041		1
384	Graph Learning based Recommender Systems: A Review <b>2021</b> ,		23
383	Dataset for toothbrushing activity using brush-attached and wearable sensors. <i>Data in Brief</i> , <b>2021</b> , 37, 107248	1.2	0
382	An internet of things service roadmap. <i>Communications of the ACM</i> , <b>2021</b> , 64, 86-95	2.5	9
381	A Survey of Trust Management in the Internet of Vehicles. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 2223	2.6	8

380	Multi-Queue Request Scheduling for Profit Maximization in IaaS Clouds. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2021</b> , 32, 2838-2851	3.7	2
379	Data correction and evolution analysis of the ProgrammableWeb service ecosystem. <i>Journal of Systems and Software</i> , <b>2021</b> , 182, 111066	3.3	2
378	BERT-CoQAC: BERT-Based Conversational Question Answering in Context. <i>Communications in Computer and Information Science</i> , <b>2021</b> , 47-57	0.3	0
377	A Behavioural Network Traffic Novelty Detection for the Internet of Things Infrastructures. <i>Communications in Computer and Information Science</i> , <b>2021</b> , 174-186	0.3	
376	<b>2020</b> ,		3
375	MGNN: Mutualistic Graph Neural Network for Joint Friend and Item Recommendation. <i>IEEE Intelligent Systems</i> , <b>2020</b> , 35, 7-17	4.2	6
374	Understanding hierarchical structural evolution in a scientific discipline: A case study of artificial intelligence. <i>Journal of Informetrics</i> , <b>2020</b> , 14, 101047	3.1	7
373	Modelling the Publishing Process of Big Location Data Using Deep Learning Prediction Methods. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 420	2.6	4
372	Geographic-aware collaborative filtering for web service recommendation. <i>Expert Systems With Applications</i> , <b>2020</b> , 151, 113347	7.8	21
371	A review and categorization of techniques on device-free human activity recognition. <i>Journal of Network and Computer Applications</i> , <b>2020</b> , 167, 102738	7.9	31
370	Realizing an Internet of Secure Things: A Survey on Issues and Enabling Technologies. <i>IEEE Communications Surveys and Tutorials</i> , <b>2020</b> , 22, 1372-1391	37.1	35
369	A system for effectively predicting flight delays based on IoT data. <i>Computing (Vienna/New York)</i> , <b>2020</b> , 102, 2025-2048	2.2	1
368	Leveraging citation influences for Modeling scientific documents. <i>World Wide Web</i> , <b>2020</b> , 23, 2281-2302	2.9	3
367	Efficient Human Activity Recognition Using a Single Wearable Sensor. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 11137-11146	10.7	21
366	SSL-SVD. <i>ACM Transactions on Internet Technology</i> , <b>2020</b> , 20, 1-20	3.8	16
365	A Short Survey of Pre-trained Language Models for Conversational AI-A New Age in NLP <b>2020</b> ,		3
364	Adversarial Attacks on Deep-learning Models in Natural Language Processing. <i>ACM Transactions on Intelligent Systems and Technology</i> , <b>2020</b> , 11, 1-41	8	52
363	Energy Minimization for Cloud Services with Stochastic Requests. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 133-148	0.9	1

362	From Appearance to Essence. <i>ACM Transactions on Intelligent Systems and Technology</i> , <b>2020</b> , 11, 1-24	8	
361	Intention2Basket: A Neural Intention-driven Approach for Dynamic Next-basket Planning <b>2020</b> ,	9	
360	Evaluating Random Walk-Based Network Embeddings for Web Service Applications. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 198-205	0.9	2
359	The 10 Research Topics in the Internet of Things <b>2020</b> ,	8	
358	SlotPredict: A Framework for Predicting Relationships in the Social Internet of Things. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 101-116	0.9	6
357	Modelling Local and Global Dependencies for Next-Item Recommendations. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 285-300	0.9	3
356	Intelligent Knowledge Lakes: The Age of Artificial Intelligence and Big Data. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 24-34	0.3	10
355	Design architectures for energy harvesting in the Internet of Things. <i>Renewable and Sustainable Energy Reviews</i> , <b>2020</b> , 128, 109901	16.2	58
354	. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 2509-2520	10.7	10
353	Detecting the evolving community structure in dynamic social networks. <i>World Wide Web</i> , <b>2020</b> , 23, 715-733	13	
352	Trust Computational Heuristic for Social Internet of Things: A Machine Learning-based Approach <b>2020</b> ,	3	
351	Enhancing knowledge graph embedding by composite neighbors for link prediction. <i>Computing (Vienna/New York)</i> , <b>2020</b> , 102, 2587-2606	2.2	2
350	Let's CoRank: trust of users and tweets on social networks. <i>World Wide Web</i> , <b>2020</b> , 23, 2877-2901	2.9	6
349	Intention Nets: Psychology-Inspired User Choice Behavior Modeling for Next-Basket Prediction. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , <b>2020</b> , 34, 6259-6266	5	10
348	User Interface Derivation for Business Processes. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2020</b> , 32, 560-573	4.2	3
347	AMRNN: attended multi-task recurrent neural networks for dynamic illness severity prediction. <i>World Wide Web</i> , <b>2020</b> , 23, 2753-2770	2.9	15
346	Context-aware and Adaptive QoS Prediction for Mobile Edge Computing Services. <i>IEEE Transactions on Services Computing</i> , <b>2020</b> , 1-1	4.8	4
345	Quantifying the adaptability of workflow-based service compositions. <i>Future Generation Computer Systems</i> , <b>2020</b> , 102, 95-111	7.5	4

344	Context-Aware Multi-QoS Prediction for Services in Mobile Edge Computing <b>2019</b> ,		4
343	iSheets: A Spreadsheet-Based Machine Learning Development Platform for Data-Driven Process Analytics. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 453-457	0.9	7
342	Software-Defined Heterogeneous Vehicular Networking: The Architectural Design and Open Challenges. <i>Future Internet</i> , <b>2019</b> , 11, 70	3.3	36
341	iCOP: IoT-Enabled Policing Processes. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 447-452	0.9	10
340	On personalized cloud service provisioning for mobile users using adaptive and context-aware service composition. <i>Computing (Vienna/New York)</i> , <b>2019</b> , 101, 291-318	2.2	11
339	A Hybrid Trust Management Heuristic for VANETs <b>2019</b> ,		13
338	Recommendations on the Internet of Things: Requirements, Challenges, and Directions. <i>IEEE Internet Computing</i> , <b>2019</b> , 23, 46-54	2.4	19
337	Source-Aware Crisis-Relevant Tweet Identification and Key Information Summarization. <i>ACM Transactions on Internet Technology</i> , <b>2019</b> , 19, 1-20	3.8	5
336	Internet of things search engine. <i>Communications of the ACM</i> , <b>2019</b> , 62, 66-73	2.5	11
335	MFE-HAR <b>2019</b> ,		2
334	A cost-effective and non-invasive system for sleep and vital signs monitoring using passive RFID tags <b>2019</b> ,		5
333	STG2Seq: Spatial-Temporal Graph to Sequence Model for Multi-step Passenger Demand Forecasting <b>2019</b> ,		43
332	Modeling Multi-Purpose Sessions for Next-Item Recommendations via Mixture-Channel Purpose Routing Networks <b>2019</b> ,		26
331	Sequential Recommender Systems: Challenges, Progress and Prospects <b>2019</b> ,		62
330	Integrating Geographical and Functional Relevance to Implicit Data for Web Service Recommendation. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 53-57	0.9	1
329	Machine Learning Based Trust Model for Misbehaviour Detection in Internet-of-Vehicles. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 512-520	0.3	4
328	DAMTRNN: A Delta Attention-Based Multi-task RNN for Intention Recognition. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 373-388	0.9	8
327	N2TM: A New Node to Trust Matrix Method for Spam Worker Defense in Crowdsourcing Environments. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 119-134	0.9	

326	Guest Editors Introduction for Special Issue on Service Management for the Internet of Things. <i>ACM Transactions on Internet Technology</i> , <b>2019</b> , 19, 1-3	3.8	
325	A Fitness-Based Evolving Network for Web-APIs Discovery <b>2019</b> ,		4
324	Dual-stream Self-Attentive Random Forest for False Information Detection <b>2019</b> ,		2
323	Dynamic Release of Big Location Data Based on Adaptive Sampling and Differential Privacy. <i>IEEE Access</i> , <b>2019</b> , 7, 164962-164974	3.5	6
322	IoT Device Identification via Network-Flow Based Fingerprinting and Learning <b>2019</b> ,		15
321	Demo Abstract: An End-to-End Real-Time Efficient System for Smart Energy Monitoring <b>2019</b> ,		3
320	SmartVote: a full-fledged graph-based model for multi-valued truth discovery. <i>World Wide Web</i> , <b>2019</b> , 22, 1855-1885	2.9	3
319	Need of Ambient Intelligence for Next-Generation Connected and Autonomous Vehicles. <i>Computer Communications and Networks</i> , <b>2019</b> , 133-151	0.5	4
318	Internet of Things Meets Brain-Computer Interface: A Unified Deep Learning Framework for Enabling Human-Thing Cognitive Interactivity. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 2084-2092	10.7	28
317	Nonrigid Point Set Registration With Robust Transformation Learning Under Manifold Regularization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2019</b> , 30, 3584-3597	10.3	73
316	ITS-Frame: A Framework for Multi-Aspect Analysis in the Field of Intelligent Transportation Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2019</b> , 20, 2893-2902	6.1	16
315	Transactional Behavior Verification in Business Process as a Service Configuration. <i>IEEE Transactions on Services Computing</i> , <b>2019</b> , 12, 290-303	4.8	5
314	Novel Artificial Bee Colony Algorithms for QoS-Aware Service Selection. <i>IEEE Transactions on Services Computing</i> , <b>2019</b> , 12, 247-261	4.8	19
313	WITS: an IoT-endowed computational framework for activity recognition in personalized smart homes. <i>Computing (Vienna/New York)</i> , <b>2018</b> , 100, 369-385	2.2	33
312	Duplicate Detection in Programming Question Answering Communities. <i>ACM Transactions on Internet Technology</i> , <b>2018</b> , 18, 1-21	3.8	5
311	Collaborative Location Recommendation by Integrating Multi-dimensional Contextual Information. <i>ACM Transactions on Internet Technology</i> , <b>2018</b> , 18, 1-24	3.8	34
310	A Learning-Based Framework for Improving Querying on Web Interfaces of Curated Knowledge Bases. <i>ACM Transactions on Internet Technology</i> , <b>2018</b> , 18, 1-20	3.8	1
309	Device-free human localization and tracking with UHF passive RFID tags: A data-driven approach. <i>Journal of Network and Computer Applications</i> , <b>2018</b> , 104, 78-96	7.9	25

308	Mobile cloud computing: Challenges and future research directions. <i>Journal of Network and Computer Applications</i> , <b>2018</b> , 115, 70-85	7.9	85
307	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 744-747	11.9	4
306	SNAF: Observation filtering and location inference for event monitoring on twitter. <i>World Wide Web</i> , <b>2018</b> , 21, 311-343	2.9	13
305	Compressive Representation for Device-Free Activity Recognition with Passive RFID Signal Strength. <i>IEEE Transactions on Mobile Computing</i> , <b>2018</b> , 17, 293-306	4.6	42
304	Organizing XML Data in a Wireless Broadcast System by Exploiting Structural Similarity. <i>Wireless Personal Communications</i> , <b>2018</b> , 98, 1299-1329	1.9	3
303	Managing Data From Knowledge Bases: Querying and Extraction <b>2018</b> ,		1
302	Knowledge Extraction from Unstructured Data on the Web <b>2018</b> , 89-102		
301	Building Knowledge Bases from Unstructured Data on the Web <b>2018</b> , 103-121		
300	Converting Your Thoughts to Texts: Enabling Brain Typing via Deep Feature Learning of EEG Signals <b>2018</b> ,		30
299	Cache Based Optimization for Querying Curated Knowledge Bases <b>2018</b> , 19-46		
298	. <i>IEEE Internet of Things Journal</i> , <b>2018</b> , 5, 1572-1574	10.7	2
297	An Efficient Knowledge Clustering Algorithm <b>2018</b> , 69-88		
296	Query Performance Prediction on Knowledge Base <b>2018</b> , 47-67		
295	Toward Unified Cloud Service Discovery for Enhanced Service Identification. <i>Lecture Notes in Business Information Processing</i> , <b>2018</b> , 149-163	0.6	1
294	Multi-views on Nature Index of Chinese academic institutions. <i>Scientometrics</i> , <b>2018</b> , 114, 823-837	3	4
293	Making Sense of Doppler Effect for Multi-Modal Hand Motion Detection. <i>IEEE Transactions on Mobile Computing</i> , <b>2018</b> , 17, 2087-2100	4.6	3
292	Learning-based SPARQL query performance modeling and prediction. <i>World Wide Web</i> , <b>2018</b> , 21, 1015-1035	10.35	6
291	Collaborative text categorization via exploiting sparse coefficients. <i>World Wide Web</i> , <b>2018</b> , 21, 373-394	2.9	3



290	Service Solution Planning Considering Prior Knowledge and Fast Retrieval. <i>IEEE Access</i> , <b>2018</b> , 6, 68263-68376		
289	Individual Interest and Trust Driving Collective Intelligence Awareness for Social Recommendation <b>2018</b> ,		1
288	Dynamic Illness Severity Prediction via Multi-task RNNs for Intensive Care Unit <b>2018</b> ,		13
287	Related or Duplicate <b>2018</b> ,		4
286	Identifying Price Index Classes for Electricity Consumers via Dynamic Gradient Boosting. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 472-486	0.9	1
285	DUAL: A Deep Unified Attention Model with Latent Relation Representations for Fake News Detection. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 199-209	0.9	11
284	iProcess: Enabling IoT Platforms in Data-Driven Knowledge-Intensive Processes. <i>Lecture Notes in Business Information Processing</i> , <b>2018</b> , 108-126	0.6	14
283	Storytelling Integration of the Internet of Things into Business Processes. <i>Lecture Notes in Business Information Processing</i> , <b>2018</b> , 127-142	0.6	8
282	Pattern Matching Over Linked Data Streams <b>2017</b> , 409-427		
281	Searching the Big Data: Practices and Experiences in Efficiently Querying Knowledge Bases <b>2017</b> , 429-453		1
280	Detecting Duplicate Posts in Programming QA Communities via Latent Semantics and Association Rules <b>2017</b> ,		26
279	Value Veracity Estimation for Multi-Truth Objects via a Graph-Based Approach <b>2017</b> ,		3
278	A Taxonomy and Survey of Cloud Resource Orchestration Techniques. <i>ACM Computing Surveys</i> , <b>2017</b> , 50, 1-41	13.4	53
277	Intelligent Decision Support Systems for Sustainable Computing. <i>Studies in Computational Intelligence</i> , <b>2017</b> , 1-6	0.8	2
276	A service computing manifesto. <i>Communications of the ACM</i> , <b>2017</b> , 60, 64-72	2.5	131
275	Recovering Missing Values from Corrupted Spatio-Temporal Sensory Data via Robust Low-Rank Tensor Completion. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 607-622	0.9	9
274	Towards measuring the adaptability of an AO4BPEL process <b>2017</b> ,		1
273	Learning Multiple Diagnosis Codes for ICU Patients with Local Disease Correlation Mining. <i>ACM Transactions on Knowledge Discovery From Data</i> , <b>2017</b> , 11, 1-21	4	23

272	A Reference Architecture for provisioning of Tools as a Service: Meta-model, Ontologies and Design Elements. <i>Future Generation Computer Systems</i> , <b>2017</b> , 69, 41-65	7.5	7
271	Mining Load Profile Patterns for Australian Electricity Consumers. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 781-793	0.9	
270	A Kernel-Based Approach to Developing Adaptable and Reusable Sensor Retrieval Systems for the Web of Things. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 315-329	0.9	0
269	Expert as a Service: Software Expert Recommendation via Knowledge Domain Embeddings in Stack Overflow <b>2017</b> ,		6
268	Multi-Person Brain Activity Recognition via Comprehensive EEG Signal Analysis <b>2017</b> ,		22
267	Interpolating the Missing Values for Multi-Dimensional Spatial-Temporal Sensor Data <b>2017</b> ,		2
266	The Anatomy of An Intent Based Search and Crawler Engine for the Web of Things <b>2017</b> , 37-72		
265	Building Entity Graphs for the Web of Things Management <b>2017</b> , 275-303		
264	Feature Analysis for Duplicate Detection in Programming QA Communities. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 623-638	0.9	6
263	A Tree-Based Reliability Analysis for Fault-Tolerant Web Services Composition. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 481-489	0.9	2
262	Unveiling Correlations via Mining Human-Thing Interactions in the Web of Things. <i>ACM Transactions on Intelligent Systems and Technology</i> , <b>2017</b> , 8, 1-25	8	11
261	Searching for the internet of things: where it is and what it looks like. <i>Personal and Ubiquitous Computing</i> , <b>2017</b> , 21, 1097-1112	2.1	15
260	S-ABC: A paradigm of service domain-oriented artificial bee colony algorithms for service selection and composition. <i>Future Generation Computer Systems</i> , <b>2017</b> , 68, 304-319	7.5	44
259	Efficient computation of distance labeling for decremental updates in large dynamic graphs. <i>World Wide Web</i> , <b>2017</b> , 20, 915-937	2.9	8
258	Mobile Cloud Computing: Challenges and Future Research Directions <b>2017</b> ,		21
257	Probability Matrix of Request-Solution Mapping for Efficient Service Selection <b>2017</b> ,		3
256	Searching the Web of Things. <i>ACM Computing Surveys</i> , <b>2017</b> , 50, 1-34	13.4	30
255	KNUDSEN'S PERMEABILITY CORRECTION FOR GAS FLOW IN TIGHT POROUS MEDIA USING THE R26 MOMENT METHOD. <i>Journal of Porous Media</i> , <b>2017</b> , 20, 787-805	2.9	6

254	Identifying Domains and Concepts in Short Texts via Partial Taxonomy and Unlabeled Data. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 127-143	0.9	3
253	App Update Patterns: How Developers Act on User Reviews in Mobile App Stores. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 125-141	0.9	4
252	SourceVote: Fusing Multi-valued Data via Inter-source Agreements. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 164-172	0.9	1
251	Intent Recognition in Smart Living Through Deep Recurrent Neural Networks. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 748-758	0.9	21
250	Edge Influence Computation in Dynamic Graphs. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 649-660	0.9	
249	Collaboration Patterns at Scheduling in 10 Years. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 236-243	0.9	
248	CloudArmor: Supporting Reputation-Based Trust Management for Cloud Services. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2016</b> , 27, 367-380	3.7	98
247	Device-free indoor localization and tracking through Human-Object Interactions <b>2016</b> ,		16
246	Empowering Truth Discovery with Multi-Truth Prediction <b>2016</b> ,		6
245	Truth Discovery via Exploiting Implications from Multi-Source Data <b>2016</b> ,		11
244	Diagnosis Code Assignment Using Sparsity-Based Disease Correlation Embedding. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2016</b> , 28, 3191-3202	4.2	58
243	ThingSeek <b>2016</b> ,		19
242	Smart cities Enabling services and applications. <i>Journal of Internet Services and Applications</i> , <b>2016</b> , 7,	2.6	22
241	High-repetition-rate, widely tunable terahertz generation in GaSe pumped by a dual-wavelength KTP-OPO <b>2016</b> ,		1
240	Forecasting Seasonal Time Series Using Weighted Gradient RBF Network based Autoregressive Model <b>2016</b> ,		1
239	Preface. <i>Food Chemistry</i> , <b>2016</b> , 193, 1	8.5	
238	Multi-task support vector machines for feature selection with shared knowledge discovery. <i>Signal Processing</i> , <b>2016</b> , 120, 746-753	4.4	41
237	2 <sup>nd</sup> single frequency fiber laser based on thulium-doped silica fiber <b>2016</b> ,		1

236	Multi-label classification via learning a unified object-label graph with sparse representation. <i>World Wide Web</i> , <b>2016</b> , 19, 1125-1149	2.9	5
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232	The Uncertain Web. <i>ACM Transactions on Internet Technology</i> , <b>2016</b> , 16, 1-6	3.8	9
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230	SECF <b>2016</b> ,		4
229	Efficient Orthogonal Non-negative Matrix Factorization over Stiefel Manifold <b>2016</b> ,		3
228	Uncovering Locally Discriminative Structure for Feature Analysis. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 281-295	0.9	6
227	Learning-Based SPARQL Query Performance Prediction. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 313-327.	0.9	4
226	Improving Object and Event Monitoring on Twitter Through Lexical Analysis and User Profiling. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 19-34	0.9	7
225	An Ensemble Approach for Better Truth Discovery. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 298-311	0.9	2
224	Effective Traffic Flow Forecasting Using Taxi and Weather Data. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 507-519	0.9	4
223	Mining Source Code Topics Through Topic Model and Words Embedding. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 664-676	0.9	2
222	Extreme User and Political Rumor Detection on Twitter. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 751-763.	0.9	12
221	Real-Time Investigation of Flight Delays Based on the Internet of Things Data. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 788-800	0.9	8
220	Recognizing Daily Living Activity Using Embedded Sensors in Smartphones: A Data-Driven Approach. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 250-265	0.9	0
219	CEIoT: A Framework for Interlinking Smart Things in the Internet of Things. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 203-218	0.9	2

218	Reduce or remove: Individual sensor reliability profiling and data cleaning. <i>Intelligent Data Analysis</i> , <b>2016</b> , 20, 979-995	1.1	1
217	A New Ba <sub>0.6</sub> Sr <sub>0.4</sub> TiO <sub>3</sub> -Silicon Hybrid Metamaterial Device in Terahertz Regime. <i>Small</i> , <b>2016</b> , 12, 2610-51		31
216	When Sensor Meets Tensor <b>2016</b> ,		4
215	AudioGest <b>2016</b> ,		69
214	Learning from less for better <b>2016</b> ,		24
213	Investigation on high transmission efficiency 7 $\mu$ pump combiner. <i>Optical Engineering</i> , <b>2016</b> , 55, 126102	1.1	2
212	Things of Interest Recommendation by Leveraging Heterogeneous Relations in the Internet of Things. <i>ACM Transactions on Internet Technology</i> , <b>2016</b> , 16, 1-25	3.8	56
211	PreventDark: Automatically detecting and preventing problematic use of smartphones in darkness <b>2016</b> ,		1
210	Dual-wavelength fiber laser operating above 2 $\mu$ m based on cascaded single-mode-multimode-single-mode fiber structures. <i>Optics Express</i> , <b>2016</b> , 24, 11282-9	3.3	21
209	Mining Health Examination Records: A Graph-Based Approach. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2016</b> , 28, 2423-2437	4.2	16
208	Efficient pattern matching for graphs with multi-Labeled nodes. <i>Knowledge-Based Systems</i> , <b>2016</b> , 109, 256-265	7.3	11
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206	PLMwsp: Probabilistic Latent Model for Web Service QoS Prediction <b>2016</b> ,		6
205	Identification as a Service: Large-Scale Cloud Service Discovery over the World Wide Web <b>2016</b> ,		2
204	Approximate Semantic Matching over Linked Data Streams. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 37-51	0.9	3
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199	From Big Data to Big Service. <i>Computer</i> , <b>2015</b> , 48, 80-83	1.6	49
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196	Sense and Focus: Towards Effective Location Inference and Event Detection on Twitter. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 463-477	0.9	7
195	Managing Configurable Business Process as a Service to Satisfy Client Transactional Requirements <b>2015</b> ,		3
194	A Reference Architecture for a Cloud-Based Tools as a Service Workspace <b>2015</b> ,		4
193	Context-aware Point-of-Interest Recommendation Using Tensor Factorization with Social Regularization <b>2015</b> ,		51
192	Ontology-Based Automatic Cloud Service Categorization for Enhancing Cloud Service Discovery <b>2015</b> ,		13
191	Unified Collaborative and Content-Based Web Service Recommendation. <i>IEEE Transactions on Services Computing</i> , <b>2015</b> , 8, 453-466	4.8	112
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186	Synthesis of Artifact Lifecycles from Activity-centric Process Models <b>2015</b> ,		4
185	A Framework Towards Model Driven Business Process Compliance and Monitoring <b>2015</b> ,		1
184	An Estimation Maximization Based Approach for Finding Reliable Sensors in Environmental Sensing <b>2015</b> ,		1
183	Service Recommendation for Mashup Composition with Implicit Correlation Regularization <b>2015</b> ,		19

182	"Controlling" Web 2.0 Applications in the Workplace <b>2015</b> ,		3
181	Freedom: Online Activity Recognition via Dictionary-Based Sparse Representation of RFID Sensing Data <b>2015</b> ,		9
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177	An Integrated Bayesian Approach for Effective Multi-Truth Discovery <b>2015</b> ,		20
176	Approximate Truth Discovery via Problem Scale Reduction <b>2015</b> ,		8
175	RF-Care: Device-Free Posture Recognition for Elderly People Using A Passive RFID Tag Array <b>2015</b> ,		25
174	TagFall: Towards Unobstructive Fine-Grained Fall Detection based on UHF Passive RFID Tags <b>2015</b> ,		16
173	Identifying and Caching Hot Triples for Efficient RDF Query Processing. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 259-274	0.9	9
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171	TL-VIEWS: A Tool for Temporal Logic Verification of Transactional Behavior of Web Service Compositions. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 418-422	0.9	2
170	Unsupervised Feature Analysis with Class Margin Optimization. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 383-398	0.9	10
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157	Exploring recommendations in internet of things <b>2014</b> ,		28
156	Managing Uncertainties in RFID Applications - A Survey <b>2014</b> ,		4
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151	Exploring Tag-Free RFID-Based Passive Localization and Tracking via Learning-Based Probabilistic Approaches <b>2014</b> ,		8
150	Trust Management in Cloud Services <b>2014</b> ,		8
149	Advanced Web Services <b>2014</b> ,		2
148	Realizing a Social Ecosystem of Web Services <b>2014</b> , 455-473		3
147	Mining Personal Health Index from Annual Geriatric Medical Examinations <b>2014</b> ,		5



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143	TagTrack: Device-Free Localization and Tracking Using Passive RFID Tags <b>2014</b> ,		25
142	Cleaning Environmental Sensing Data Streams Based on Individual Sensor Reliability. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 405-414	0.9	6
141	Towards Ontology-Enhanced Cloud Services Discovery. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 616-629	0.9	6
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139	Handling Irreconcilable Mismatches in Web Services Mediation. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 445-452	0.9	
138	Web Service-Based Trust Management in Cloud Environments <b>2014</b> , 101-120		3
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136	Trust management of services in cloud environments. <i>ACM Computing Surveys</i> , <b>2013</b> , 46, 1-30	13.4	103
135	Reputation Attacks Detection for Effective Trust Assessment among Cloud Services <b>2013</b> ,		12
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130	Online human gesture recognition from motion data streams <b>2013</b> ,		49
129	The Web of Things - Challenges and Enabling Technologies. <i>Studies in Computational Intelligence</i> , <b>2013</b> , 1-23	0.8	8

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102	Credibility-Based Trust Management for Services in Cloud Environments. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 328-343	0.9	18
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79	ContextServ: A platform for rapid and flexible development of context-aware Web services <b>2009</b> ,		31
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