

Yong Yuan

List of Publications by Citations

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

60
papers

1,801
citations

18
h-index

41
g-index

71
ext. papers

2,478
ext. citations

4.5
avg, IF

5.62
L-index

#	Paper	IF	Citations
60	Blockchain-Enabled Smart Contracts: Architecture, Applications, and Future Trends. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2266-2277	7.3	314
59	Towards blockchain-based intelligent transportation systems 2016 ,		274
58	Blockchain and Cryptocurrencies: Model, Techniques, and Applications. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1421-1428	7.3	170
57	Where does AlphaGo go: from church-turing thesis to AlphaGo thesis and beyond. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2016 , 3, 113-120	7	122
56	Blockchain-Powered Parallel Healthcare Systems Based on the ACP Approach. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 942-950	4.5	114
55	An Overview of Smart Contract: Architecture, Applications, and Future Trends 2018 ,		86
54	Cyber-Physical-Social Systems: The State of the Art and Perspectives. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 829-840	4.5	73
53	Decentralized Autonomous Organizations: Concept, Model, and Applications. <i>IEEE Transactions on Computational Social Systems</i> , 2019 , 6, 870-878	4.5	58
52	Research on the Selection Strategies of Blockchain Mining Pools. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 748-757	4.5	39
51	A survey on real time bidding advertising 2014 ,		37
50	ACP-based social computing and parallel intelligence: Societies 5.0 and beyond. <i>CAAI Transactions on Intelligence Technology</i> , 2016 , 1, 377-393	9.7	33
49	Blockchainized Internet of Minds: A New Opportunity for CyberPhysicalSocial Systems. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 897-906	4.5	33
48	Societies 5.0: A New Paradigm for Computational Social Systems Research. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 2-8	4.5	30
47	Parallel Blockchain: An Architecture for CPSS-Based Smart Societies. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 303-310	4.5	30
46	Parallel Crime Scene Analysis Based on ACP Approach. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 244-255	4.5	24
45	Dynamic Security Risk Evaluation via Hybrid Bayesian Risk Graph in Cyber-Physical Social Systems. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 1133-1141	4.5	24
44	. <i>IEEE Transactions on Services Computing</i> , 2013 , 6, 177-185	4.8	23

43	Exploring the optimal granularity for market segmentation in RTB advertising via computational experiment approach. <i>Electronic Commerce Research and Applications</i> , 2017 , 24, 68-83	4.6	21
42	Parallel Societies: A Computing Perspective of Social Digital Twins and VirtualReal Interactions. <i>IEEE Transactions on Computational Social Systems</i> , 2020 , 7, 2-7	4.5	18
41	A novel GSP auction mechanism for ranking Bitcoin transactions in blockchain mining. <i>Decision Support Systems</i> , 2019 , 124, 113094	5.6	17
40	Competitive Analysis of Bidding Behavior on Sponsored Search Advertising Markets. <i>IEEE Transactions on Computational Social Systems</i> , 2017 , 4, 179-190	4.5	16
39	Analyzing Positioning Strategies in Sponsored Search Auctions Under CTR-Based Quality Scoring. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2015 , 45, 688-701	7.3	14
38	Economic Issues in Bitcoin Mining and Blockchain Research 2018 ,		14
37	Transaction Queuing Game in Bitcoin BlockChain 2018 ,		14
36	The Reserve Price of Ad Impressions in Multi-Channel Real-Time Bidding Markets. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 583-592	4.5	13
35	From Intelligent Vehicles to Smart Societies: A Parallel Driving Approach. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 594-604	4.5	12
34	Optimal Block Withholding Strategies for Blockchain Mining Pools. <i>IEEE Transactions on Computational Social Systems</i> , 2020 , 7, 709-717	4.5	10
33	A Fair Blockchain Based on Proof of Credit. <i>IEEE Transactions on Computational Social Systems</i> , 2019 , 6, 922-931	4.5	10
32	Blockchain-Based Knowledge Automation for CPSS-Oriented Parallel Management. <i>IEEE Transactions on Computational Social Systems</i> , 2020 , 7, 1180-1188	4.5	10
31	A novel hybrid share reporting strategy for blockchain miners in PPLNS pools. <i>Decision Support Systems</i> , 2019 , 118, 91-101	5.6	10
30	A Blockchain-based Framework for Collaborative Production in Distributed and Social Manufacturing 2019 ,		10
29	A novel framework of collaborative early warning for COVID-19 based on blockchain and smart contracts. <i>Information Sciences</i> , 2021 , 570, 124-143	7.7	10
28	Co-evolution-based mechanism design for sponsored search advertising. <i>Electronic Commerce Research and Applications</i> , 2012 , 11, 537-547	4.6	9
27	Social Education: Opportunities and Challenges in Cyber-Physical-Social Space. <i>IEEE Transactions on Computational Social Systems</i> , 2019 , 6, 191-196	4.5	8
26	Learning Markets: An AI Collaboration Framework Based on Blockchain and Smart Contracts. <i>IEEE Internet of Things Journal</i> , 2020 , 1-1	10.7	8

25	A Blockchain-based Framework for Central Bank Digital Currency 2019 ,		8
24	BlockNet: Beyond reliable spatial Digital Twins to Parallel Metaverse. <i>Patterns</i> , 2022 , 3, 100468	5.1	8
23	. <i>IEEE Transactions on Services Computing</i> , 2020 , 1-1	4.8	7
22	Social computing and computational societies: The foundation and consequence of smart societies. <i>Chinese Science Bulletin</i> , 2015 , 60, 460-469	2.9	7
21	Social Signal-Driven Knowledge Automation: A Focus on Social Transportation. <i>IEEE Transactions on Computational Social Systems</i> , 2021 , 8, 737-753	4.5	7
20	. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 687-697	4.5	6
19	Social Energy: Emerging Token Economy for Energy Production and Consumption. <i>IEEE Transactions on Computational Social Systems</i> , 2019 , 6, 388-393	4.5	4
18	The impact of reserve price on publisher revenue in real-time bidding advertising markets 2017 ,		4
17	A Novel Blockchain Oracle Implementation Scheme Based on Application Specific Knowledge Engines 2019 ,		4
16	A Preliminary Research of Prediction Markets Based on Blockchain Powered Smart Contracts 2018 ,		4
15	A hierarchical framework for ad inventory allocation in programmatic advertising markets. <i>Electronic Commerce Research and Applications</i> , 2018 , 31, 40-51	4.6	4
14	A Pareto optimal mechanism for demand-side platforms in real time bidding advertising markets. <i>Information Sciences</i> , 2018 , 469, 119-140	7.7	3
13	Research on Information Structure of Programmatic Advertising Markets. <i>IFAC-PapersOnLine</i> , 2017 , 50, 13587-13592	0.7	2
12	Behavioral profiling for employees using social media: A case study based on wechat 2017 ,		2
11	Optimizing the revenue for ad exchanges in header bidding advertising markets 2017 ,		2
10	Bitcoin Fee Decisions in Transaction Confirmation Queueing Games Under Limited Multi-Priority Rule 2019 ,		2
9	2019 ,		2
8	Guest Editorial Special Issue on Blockchain-Based Secure and Trusted Computing for IoT. <i>IEEE Transactions on Computational Social Systems</i> , 2019 , 6, 1369-1372	4.5	2

7	An Analysis of Blockchain-based Bitcoin Mining Difficulty: Techniques and Principles 2018 ,		2
6	Analyzing Bitcoin transaction fees using a queuing game model. <i>Electronic Commerce Research</i> , 2020 , 1	2.1	1
5	Improving Auction Mechanisms for Online Real-Time Bidding Advertising with a Two-stage Resale Model * *This work is partially supported by NSFC (71472174, 71232006, 61533019, 61233001, 71402178).. <i>IFAC-PapersOnLine</i> , 2017 , 50, 13575-13580	0.7	1
4	A two-stage fuzzy budget allocation model in search auctions 2014 ,		1
3	Multi-Issue Negotiation Research Based On Niched Co-evolutionary Genetic Algorithm 2007 ,		1
2	Guest Editorial Computational Social Systems for COVID-19 Emergency Management and Beyond. <i>IEEE Transactions on Computational Social Systems</i> , 2021 , 8, 928-929	4.5	0
1	Guest Editorial Special Issue on Collaborative Edge Computing for Social Internet of Things Systems. <i>IEEE Transactions on Computational Social Systems</i> , 2022 , 9, 59-63	4.5	