Yong Yuan

List of Publications by Year in Descending Order

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	Guest Editorial Special Issue on Collaborative Edge Computing for Social Internet of Things Systems. *IEEE Transactions on Computational Social Systems*, **2022**, 9, 59-63	4.5	
59	BlockNet: Beyond reliable spatial Digital Twins to Parallel Metaverse. *Patterns*, **2022**, 3, 100468	5.1	8
58	Social Signal-Driven Knowledge Automation: A Focus on Social Transportation. *IEEE Transactions on Computational Social Systems*, **2021**, 8, 737-753	4.5	7
57	Guest Editorial Computational Social Systems for COVID-19 Emergency Management and Beyond. *IEEE Transactions on Computational Social Systems*, **2021**, 8, 928-929	4.5	0
56	A novel framework of collaborative early warning for COVID-19 based on blockchain and smart contracts. *Information Sciences*, **2021**, 570, 124-143	7.7	10
55	Optimal Block Withholding Strategies for Blockchain Mining Pools. *IEEE Transactions on Computational Social Systems*, **2020**, 7, 709-717	4.5	10
54	. *IEEE Transactions on Services Computing*, **2020**, 1-1	4.8	7
53	Analyzing Bitcoin transaction fees using a queueing game model. *Electronic Commerce Research*, **2020**, 1	2.1	1
52	Parallel Societies: A Computing Perspective of Social Digital Twins and Virtual–Real Interactions. *IEEE Transactions on Computational Social Systems*, **2020**, 7, 2-7	4.5	18
51	Blockchain-Based Knowledge Automation for CPSS-Oriented Parallel Management. *IEEE Transactions on Computational Social Systems*, **2020**, 7, 1180-1188	4.5	10
50	Learning Markets: An AI Collaboration Framework Based on Blockchain and Smart Contracts. *IEEE Internet of Things Journal*, **2020**, 1-1	10.7	8
49	Decentralized Autonomous Organizations: Concept, Model, and Applications. *IEEE Transactions on Computational Social Systems*, **2019**, 6, 870-878	4.5	58
48	Social Energy: Emerging Token Economy for Energy Production and Consumption. *IEEE Transactions on Computational Social Systems*, **2019**, 6, 388-393	4.5	4
47	Social Education: Opportunities and Challenges in Cyber-Physical-Social Space. *IEEE Transactions on Computational Social Systems*, **2019**, 6, 191-196	4.5	8
46	A novel GSP auction mechanism for ranking Bitcoin transactions in blockchain mining. *Decision Support Systems*, **2019**, 124, 113094	5.6	17
45	A Fair Blockchain Based on Proof of Credit. *IEEE Transactions on Computational Social Systems*, **2019**, 6, 922-931	4.5	10
44	Bitcoin Fee Decisions in Transaction Confirmation Queueing Games Under Limited Multi-Priority Rule **2019**,		2

43	A novel hybrid share reporting strategy for blockchain miners in PPLNS pools. *Decision Support Systems*, **2019**, 118, 91-101	5.6	10
42	Blockchain-Enabled Smart Contracts: Architecture, Applications, and Future Trends. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 2266-2277	7.3	314
41	A Blockchain-based Framework for Central Bank Digital Currency **2019**,		8
40	**2019**,		2
39	A Novel Blockchain Oracle Implementation Scheme Based on Application Specific Knowledge Engines **2019**,		4
38	A Blockchain-based Framework for Collaborative Production in Distributed and Social Manufacturing **2019**,		10
37	Guest Editorial Special Issue on Blockchain-Based Secure and Trusted Computing for IoT. *IEEE Transactions on Computational Social Systems*, **2019**, 6, 1369-1372	4.5	2
36	Parallel Crime Scene Analysis Based on ACP Approach. *IEEE Transactions on Computational Social Systems*, **2018**, 5, 244-255	4.5	24
35	Blockchain and Cryptocurrencies: Model, Techniques, and Applications. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 1421-1428	7.3	170
34	A Pareto optimal mechanism for demand-side platforms in real time bidding advertising markets. *Information Sciences*, **2018**, 469, 119-140	7.7	3
33	Research on the Selection Strategies of Blockchain Mining Pools. *IEEE Transactions on Computational Social Systems*, **2018**, 5, 748-757	4.5	39
32	Dynamic Security Risk Evaluation via Hybrid Bayesian Risk Graph in Cyber-Physical Social Systems. *IEEE Transactions on Computational Social Systems*, **2018**, 5, 1133-1141	4.5	24
31	The Reserve Price of Ad Impressions in Multi-Channel Real-Time Bidding Markets. *IEEE Transactions on Computational Social Systems*, **2018**, 5, 583-592	4.5	13
30	Societies 5.0: A New Paradigm for Computational Social Systems Research. *IEEE Transactions on Computational Social Systems*, **2018**, 5, 2-8	4.5	30
29	An Analysis of Blockchain-based Bitcoin Mining Difficulty: Techniques and Principles **2018**,		2
28	A Preliminary Research of Prediction Markets Based on Blockchain Powered Smart Contracts **2018**,		4
27	Blockchainized Internet of Minds: A New Opportunity for Cyber-Physical-Social Systems. *IEEE Transactions on Computational Social Systems*, **2018**, 5, 897-906	4.5	33
26	Economic Issues in Bitcoin Mining and Blockchain Research **2018**,		14

25	Transaction Queuing Game in Bitcoin BlockChain **2018**,		14
24	An Overview of Smart Contract: Architecture, Applications, and Future Trends **2018**,		86
23	. *IEEE Transactions on Computational Social Systems*, **2018**, 5, 687-697	4.5	6
22	Cyber-Physical-Social Systems: The State of the Art and Perspectives. *IEEE Transactions on Computational Social Systems*, **2018**, 5, 829-840	4.5	73
21	From Intelligent Vehicles to Smart Societies: A Parallel Driving Approach. *IEEE Transactions on Computational Social Systems*, **2018**, 5, 594-604	4.5	12
20	A hierarchical framework for ad inventory allocation in programmatic advertising markets. *Electronic Commerce Research and Applications*, **2018**, 31, 40-51	4.6	4
19	Blockchain-Powered Parallel Healthcare Systems Based on the ACP Approach. *IEEE Transactions on Computational Social Systems*, **2018**, 5, 942-950	4.5	114
18	Parallel Blockchain: An Architecture for CPSS-Based Smart Societies. *IEEE Transactions on Computational Social Systems*, **2018**, 5, 303-310	4.5	30
17	Research on Information Structure of Programmatic Advertising Markets. *IFAC-PapersOnLine*, **2017**, 50, 13587-13592	0.7	2
16	Competitive Analysis of Bidding Behavior on Sponsored Search Advertising Markets. *IEEE Transactions on Computational Social Systems*, **2017**, 4, 179-190	4.5	16
15	Exploring the optimal granularity for market segmentation in RTB advertising via computational experiment approach. *Electronic Commerce Research and Applications*, **2017**, 24, 68-83	4.6	21
14	Behavioral profiling for employees using social media: A case study based on wechat **2017**,		2
13	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).. *IFAC-PapersOnLine*, **2017**, 50, 13575-13580	0.7	1
12	Optimizing the revenue for ad exchanges in header bidding advertising markets **2017**,		2
11	The impact of reserve price on publisher revenue in real-time bidding advertising markets **2017**,		4
10	ACP-based social computing and parallel intelligence: Societies 5.0 and beyond. *CAAI Transactions on Intelligence Technology*, **2016**, 1, 377-393	9.7	33
9	Towards blockchain-based intelligent transportation systems **2016**,		274
8	Where does AlphaGo go: from church-turing thesis to AlphaGo thesis and beyond. *IEEE/CAA Journal of Automatica Sinica*, **2016**, 3, 113-120	7	122

List of Publications

7	Analyzing Positioning Strategies in Sponsored Search Auctions Under CTR-Based Quality Scoring. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2015**, 45, 688-701	7.3	14
6	Social computing and computational societies: The foundation and consequence of smart societies. *Chinese Science Bulletin*, **2015**, 60, 460-469	2.9	7
5	A two-stage fuzzy budget allocation model in search auctions **2014**,		1
4	A survey on real time bidding advertising **2014**,		37
3	. *IEEE Transactions on Services Computing*, **2013**, 6, 177-185	4.8	23
2	Co-evolution-based mechanism design for sponsored search advertising. *Electronic Commerce Research and Applications*, **2012**, 11, 537-547	4.6	9
1	Multi-Issue Negotiation Research Based On Niched Co-evolutionary Genetic Algorithm **2007**,		1