

Yong Yuan

List of Publications by Year in descending order

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71
papers

3,390
citations

304368

22
h-index

253896

43
g-index

71
all docs

71
docs citations

71
times ranked

2390
citing authors

#	ARTICLE	IF	CITATIONS
1	Blockchain-Enabled Smart Contracts: Architecture, Applications, and Future Trends. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2266-2277.	5.9	590
2	Towards blockchain-based intelligent transportation systems. , 2016, , .		392
3	Blockchain and Cryptocurrencies: Model, Techniques, and Applications. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1421-1428.	5.9	300
4	Blockchain-Powered Parallel Healthcare Systems Based on the ACP Approach. IEEE Transactions on Computational Social Systems, 2018, 5, 942-950.	3.2	230
5	Where does AlphaGo go: from church-turing thesis to AlphaGo thesis and beyond. IEEE/CAA Journal of Automatica Sinica, 2016, 3, 113-120.	8.5	225
6	An Overview of Smart Contract: Architecture, Applications, and Future Trends. , 2018, , .		193
7	Decentralized Autonomous Organizations: Concept, Model, and Applications. IEEE Transactions on Computational Social Systems, 2019, 6, 870-878.	3.2	189
8	Cyber-Physical-Social Systems: The State of the Art and Perspectives. IEEE Transactions on Computational Social Systems, 2018, 5, 829-840.	3.2	126
9	Research on the Selection Strategies of Blockchain Mining Pools. IEEE Transactions on Computational Social Systems, 2018, 5, 748-757.	3.2	68
10	A survey on real time bidding advertising. , 2014, , .		59
11	ACP-based social computing and parallel intelligence: Societies 5.0 and beyond. CAAI Transactions on Intelligence Technology, 2016, 1, 377-393.	3.4	54
12	BlockNet: Beyond reliable spatial Digital Twins to Parallel Metaverse. Patterns, 2022, 3, 100468.	3.1	54
13	Blockchainized Internet of Minds: A New Opportunity for Cyber-Physical-Social Systems. IEEE Transactions on Computational Social Systems, 2018, 5, 897-906.	3.2	46
14	Societies 5.0: A New Paradigm for Computational Social Systems Research. IEEE Transactions on Computational Social Systems, 2018, 5, 2-8.	3.2	45
15	Parallel Blockchain: An Architecture for CPSS-Based Smart Societies. IEEE Transactions on Computational Social Systems, 2018, 5, 303-310.	3.2	41
16	Parallel Crime Scene Analysis Based on ACP Approach. IEEE Transactions on Computational Social Systems, 2018, 5, 244-255.	3.2	39
17	A novel framework of collaborative early warning for COVID-19 based on blockchain and smart contracts. Information Sciences, 2021, 570, 124-143.	4.0	39
18	Parallel Societies: A Computing Perspective of Social Digital Twins and Virtual-Real Interactions. IEEE Transactions on Computational Social Systems, 2020, 7, 2-7.	3.2	38

#	ARTICLE	IF	CITATIONS
19	A novel GSP auction mechanism for ranking Bitcoin transactions in blockchain mining. Decision Support Systems, 2019, 124, 113094.	3.5	37
20	Artificial Societies, Computational Experiments, and Parallel Systems: An Investigation on a Computational Theory for Complex Socioeconomic Systems. IEEE Transactions on Services Computing, 2013, 6, 177-185.	3.2	34
21	Dynamic Security Risk Evaluation via Hybrid Bayesian Risk Graph in Cyber-Physical Social Systems. IEEE Transactions on Computational Social Systems, 2018, 5, 1133-1141.	3.2	34
22	Exploring the optimal granularity for market segmentation in RTB advertising via computational experiment approach. Electronic Commerce Research and Applications, 2017, 24, 68-83.	2.5	32
23	Transaction Queuing Game in Bitcoin BlockChain. , 2018, , .		29
24	Blockchain-Based Knowledge Automation for CPSS-Oriented Parallel Management. IEEE Transactions on Computational Social Systems, 2020, 7, 1180-1188.	3.2	29
25	A Fair Blockchain Based on Proof of Credit. IEEE Transactions on Computational Social Systems, 2019, 6, 922-931.	3.2	28
26	A Blockchain-based Framework for Central Bank Digital Currency. , 2019, , .		26
27	Competitive Analysis of Bidding Behavior on Sponsored Search Advertising Markets. IEEE Transactions on Computational Social Systems, 2017, 4, 179-190.	3.2	24
28	Economic Issues in Bitcoin Mining and Blockchain Research. , 2018, , .		24
29	A Blockchain-based Framework for Collaborative Production in Distributed and Social Manufacturing. , 2019, , .		22
30	A novel hybrid share reporting strategy for blockchain miners in PPLNS pools. Decision Support Systems, 2019, 118, 91-101.	3.5	21
31	Learning Markets: An AI Collaboration Framework Based on Blockchain and Smart Contracts. IEEE Internet of Things Journal, 2022, 9, 14273-14286.	5.5	21
32	Optimal Block Withholding Strategies for Blockchain Mining Pools. IEEE Transactions on Computational Social Systems, 2020, 7, 709-717.	3.2	21
33	From Intelligent Vehicles to Smart Societies: A Parallel Driving Approach. IEEE Transactions on Computational Social Systems, 2018, 5, 594-604.	3.2	20
34	The Reserve Price of Ad Impressions in Multi-Channel Real-Time Bidding Markets. IEEE Transactions on Computational Social Systems, 2018, 5, 583-592.	3.2	20
35	A Novel GSP Auction Mechanism for Dynamic Confirmation Games on Bitcoin Transactions. IEEE Transactions on Services Computing, 2022, 15, 1436-1447.	3.2	18
36	An Analysis of Blockchain-based Bitcoin Mining Difficulty: Techniques and Principles. , 2018, , .		17

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37	Social Signal-Driven Knowledge Automation: A Focus on Social Transportation. IEEE Transactions on Computational Social Systems, 2021, 8, 737-753.	3.2	17
38	Analyzing Positioning Strategies in Sponsored Search Auctions Under CTR-Based Quality Scoring. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 688-701.	5.9	16
39	Social Education: Opportunities and Challenges in Cyber-Physical-Social Space. IEEE Transactions on Computational Social Systems, 2019, 6, 191-196.	3.2	15
40	Social computing and computational societies: The foundation and consequence of smart societies. Chinese Science Bulletin, 2015, 60, 460-469.	0.4	15
41	Parallel Governance for Decentralized Autonomous Organizations enabled by Blockchain and Smart Contracts. , 2021, , .		14
42	Co-evolution-based mechanism design for sponsored search advertising. Electronic Commerce Research and Applications, 2012, 11, 537-547.	2.5	11
43	A Novel Blockchain Oracle Implementation Scheme Based on Application Specific Knowledge Engines. , 2019, , .		11
44	A hierarchical framework for ad inventory allocation in programmatic advertising markets. Electronic Commerce Research and Applications, 2018, 31, 40-51.	2.5	9
45	Analyzing Bitcoin transaction fees using a queueing game model. Electronic Commerce Research, 2022, 22, 135-155.	3.0	9
46	A Pareto optimal mechanism for demand-side platforms in real time bidding advertising markets. Information Sciences, 2018, 469, 119-140.	4.0	8
47	A Study on Decentralized Autonomous Organizations Based Intelligent Transportation System enabled by Blockchain and Smart Contract. , 2021, , .		8
48	Research on Information Structure of Programmatic Advertising Markets. IFAC-PapersOnLine, 2017, 50, 13587-13592.	0.5	7
49	A Preliminary Research of Prediction Markets Based on Blockchain Powered Smart Contracts. , 2018, , .		7
50	Social Energy: Emerging Token Economy for Energy Production and Consumption. IEEE Transactions on Computational Social Systems, 2019, 6, 388-393.	3.2	7
51	Behavioral profiling for employees using social media: A case study based on wechat. , 2017, , .		6
52	The impact of reserve price on publisher revenue in real-time bidding advertising markets. , 2017, , .		6
53	Dynamic Optimization of Employees Work Strategies in a WeChat-Based Evaluation System. IEEE Transactions on Computational Social Systems, 2018, 5, 687-697.	3.2	6
54	Blockchain Consensus Algorithms: A Survey. , 2021, , .		5

#	ARTICLE	IF	CITATIONS
55	A decentralized social networking architecture enhanced by blockchain. , 2019, , .		4
56	Guest Editorial Special Issue on Collaborative Edge Computing for Social Internet of Things Systems. IEEE Transactions on Computational Social Systems, 2022, 9, 59-63.	3.2	4
57	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.	0.5	3
58	Optimizing the revenue for ad exchanges in header bidding advertising markets. , 2017, , .		3
59	Exploring Optimal Frequency Caps in Real Time Bidding Advertising. , 2016, , .		2
60	Behavioral Management for Employees based on Blockchain and Smart Contracts. , 2019, , .		2
61	Guest Editorial Special Issue on Blockchain-Based Secure and Trusted Computing for IoT. IEEE Transactions on Computational Social Systems, 2019, 6, 1369-1372.	3.2	2
62	Guest Editorial Computational Social Systems for COVID-19 Emergency Management and Beyond. IEEE Transactions on Computational Social Systems, 2021, 8, 928-929.	3.2	2
63	Bitcoin Fee Decisions in Transaction Confirmation Queueing Games Under Limited Multi-Priority Rule. , 2019, , .		2
64	Multi-Issue Negotiation Research Based On Niched Co-evolutionary Genetic Algorithm. , 2007, , .		1
65	A two-stage fuzzy budget allocation model in search auctions. , 2014, , .		1
66	Optimal Share Reporting Strategies for Blockchain Miners in PPLNS Pools. , 2018, , .		1
67	Exploring Optimal Revenue Models For DSPs In Real Time Bidding Advertising. , 2019, , .		1
68	Maximizing time-discounted influential sustainability in social networks. , 2017, , .		0
69	Revenue models for demand side platforms in real time bidding advertising. , 2017, , .		0
70	Exploring new mechanisms for demand-side platforms in real time bidding markets. , 2017, , .		0
71	How Reporting Policies Influence Employee Performance: An Empirical Study. , 2018, , .		0