

# Hao Hu

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

1,563  
citations

394421

19  
h-index

315739

38  
g-index

71  
all docs

71  
docs citations

71  
times ranked

1037  
citing authors

#	ARTICLE	IF	CITATIONS
1	A personalized Human Factors Analysis and Classification System (HFACS) for construction safety management based on context-aware technology. <i>Enterprise Information Systems</i> , 2022, 16, 141-166.	4.7	10
2	A multi-criteria decision model based on the evidential reasoning approach for the selection of fulcrum ports supporting Arctic shipping through the Northeast Passage. <i>Maritime Policy and Management</i> , 2022, 49, 214-235.	3.8	2
3	Estimating the economic loss of a seaport due to the impact of COVID-19. <i>Regional Studies in Marine Science</i> , 2022, 52, 102258.	0.7	6
4	Risk assessment model for international construction projects considering risk interdependence using the DEMATEL method. <i>PLoS ONE</i> , 2022, 17, e0265972.	2.5	10
5	RISK CAUSATION MODEL TO CAPTURE AND TRANSFER KNOWLEDGE IN INTERNATIONAL CONSTRUCTION PROJECTS. <i>Journal of Civil Engineering and Management</i> , 2022, 28, 457-468.	3.5	2
6	Planning shuttle vessel operations in large container terminals based on waterside congestion cases. <i>Maritime Policy and Management</i> , 2021, 48, 988-1009.	3.8	2
7	Predicting the Impact of Country-Related Risks on Cost Overrun for Overseas Infrastructure Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2021, 147, .	3.8	6
8	34.3: Integrated Design Phase Process Flow Diagram for US Electronic Facility in China. <i>Digest of Technical Papers SID International Symposium</i> , 2021, 52, 222-237.	0.3	0
9	An environmental and techno-economic analysis of transporting LNG via Arctic route. <i>Transportation Research, Part A: Policy and Practice</i> , 2021, 146, 56-71.	4.2	12
10	Hybrid Rescheduling Optimization Model under Disruptions in Precast Production Considering Real-World Environment. <i>Journal of Construction Engineering and Management - ASCE</i> , 2021, 147, .	3.8	8
11	Code Compliance in Reinforce Concrete Design: A Comparative Study of USA Code (ACI) and Chinese Code (GB). <i>Advances in Civil Engineering</i> , 2021, 2021, 1-9.	0.7	0
12	CO2 emission projection for Arctic shipping: A system dynamics approach. <i>Ocean and Coastal Management</i> , 2021, 205, 105531.	4.4	32
13	Study on Identification of Spurious Public-Private Partnership Projects in China. <i>IEEE Transactions on Engineering Management</i> , 2020, 67, 376-384.	3.5	14
14	Blockchain-based framework for improving supply chain traceability and information sharing in precast construction. <i>Automation in Construction</i> , 2020, 111, 103063.	9.8	273
15	Real-time assessment and prediction on maritime risk state on the Arctic Route. <i>Maritime Policy and Management</i> , 2020, 47, 352-370.	3.8	19
16	Developing a Hierarchical Road Layout Method for Large-Scale Construction Site. <i>Journal of Construction Engineering and Management - ASCE</i> , 2020, 146, .	3.8	1
17	Research on feeder network design: a case study of feeder service for the port of Kotka. <i>European Transport Research Review</i> , 2020, 12, .	4.8	4
18	Berth allocation recovery for container transshipment terminals. <i>Maritime Policy and Management</i> , 2020, 47, 558-574.	3.8	23

#	ARTICLE	IF	CITATIONS
19	Does a carbon tax affect the feasibility of Arctic shipping?. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 80, 102257.	6.8	30
20	An Investigation of the Perceived Adverse Impacts and Control of Construction Noise in China. , 2020, , .		1
21	Data envelopment analysis based efficiency measurement of engineering change controlling for infrastructure construction under integrated project delivery mode. <i>IET Intelligent Transport Systems</i> , 2020, 14, 1433-1439.	3.0	5
22	Development of a worldwide ferry safety database utilizing relational database approach. <i>Journal of Transportation Safety and Security</i> , 2019, 11, 353-376.	1.6	0
23	Zero-Inflated Exponential Distribution of Casualty Rate in Ship Collision. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2019, 24, 739-744.	0.9	1
24	Precast supply chain management in off-site construction: A critical literature review. <i>Journal of Cleaner Production</i> , 2019, 232, 1204-1217.	9.3	90
25	The Introduction to System Dynamics Approach to Operational Efficiency and Sustainability of Dry Port's Main Parameters. <i>Sustainability</i> , 2019, 11, 2413.	3.2	18
26	The Combination of HFACS and Context-aware Technology for Personalized Safety Management on Construction Sites. , 2019, , .		1
27	Simulation based multiple disturbances evaluation in the precast supply chain for improved disturbance prevention. <i>Journal of Cleaner Production</i> , 2018, 177, 232-244.	9.3	44
28	Emission charge and liner shipping network configuration – An economic investigation of the Asia-Europe route. <i>Transportation Research, Part A: Policy and Practice</i> , 2018, 110, 291-305.	4.2	21
29	Dynamic response to demand variability for precast production rescheduling with multiple lines. <i>International Journal of Production Research</i> , 2018, 56, 5386-5401.	7.5	31
30	Framework for modeling operational uncertainty to optimize offsite production scheduling of precast components. <i>Automation in Construction</i> , 2018, 86, 69-80.	9.8	100
31	Competence Based Worker Assignment and Impacts on Production Scheduling in Precast Construction. , 2018, , .		2
32	Synchronizing production scheduling with resources allocation for precast components in a multi-agent system environment. <i>Journal of Manufacturing Systems</i> , 2018, 49, 131-142.	13.9	18
33	Modeling Worker Competence to Advance Precast Production Scheduling Optimization. <i>Journal of Construction Engineering and Management - ASCE</i> , 2018, 144, 04018098.	3.8	22
34	Developing a life cycle cost model for real-time condition monitoring in railways under uncertainty. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2017, 231, 111-121.	2.0	8
35	Rail maintenance analysis using Petri nets. <i>Structure and Infrastructure Engineering</i> , 2017, 13, 783-793.	3.7	9
36	Rise of Interjurisdictional Commuters and Their Mode Choice: Evidence from the Chicago Metropolitan Area. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2017, 143, .	1.7	5

#	ARTICLE	IF	CITATIONS
37	Improved Precast Productionâ€“Scheduling Model Considering the Whole Supply Chain. Journal of Computing in Civil Engineering, 2017, 31, .	4.7	83
38	RFID Enabled Knowledgeâ€“Based Precast Construction Supply Chain. Computer-Aided Civil and Infrastructure Engineering, 2017, 32, 499-514.	9.8	54
39	Optimization of precast production scheduling for rail track slab. , 2017, , .		2
40	Study on China-EU container shipping network in the context of Northern Sea Route. Journal of Transport Geography, 2016, 53, 50-60.	5.0	53
41	Urban end distribution optimization under e-commerce environment. Journal of Shanghai Jiaotong University (Science), 2016, 21, 513-523.	0.9	2
42	A stochastic concession model for infrastructure projects under build-operate-transfer schemes. Journal of Shanghai Jiaotong University (Science), 2016, 21, 320-327.	0.9	1
43	An empirical analysis of freight rate and vessel price volatility transmission in global dry bulk shipping market. Journal of Traffic and Transportation Engineering (English Edition), 2015, 2, 353-361.	4.2	16
44	Optimal annual net income of a containership using CO <sub>2</sub> reduction measures under a marine emissions trading scheme. Transportation Letters, 2015, 7, 24-34.	3.1	9
45	The dynamics between newbuilding ship price volatility and freight volatility in dry bulk shipping market. International Journal of Shipping and Transport Logistics, 2015, 7, 393.	0.5	22
46	Application of Minimum-Cost Flow Problem for Shuttle Tanker Transportation Planning. Transportation Research Record, 2015, 2477, 40-49.	1.9	0
47	A GA-based heuristic approach for offshore structure construction spatial scheduling under uncertainty. Ships and Offshore Structures, 2015, 10, 660-668.	1.9	7
48	Application of Geographic information system to calculate the probability of piracy occurrence. , 2015, , .		2
49	Tactical berth and yard template design at container transshipment terminals: A column generation based approach. Transportation Research, Part E: Logistics and Transportation Review, 2015, 73, 168-184.	7.4	73
50	Social Welfareâ€“Based Concession Model for Build/Operate/Transfer Contracts. Journal of Construction Engineering and Management - ASCE, 2015, 141, .	3.8	7
51	Calibrating Rail Transit Assignment Models with Genetic Algorithm and Automated Fare Collection Data. Computer-Aided Civil and Infrastructure Engineering, 2014, 29, 518-530.	9.8	64
52	A RULE BASED FUZZY SYNTHETIC EVALUATION METHOD FOR RISK ASSESSMENT IN PIPELINE TRANSPORT. Transport, 2014, 29, 355-362.	1.2	3
53	Railway Train Wheel Maintenance Model and Its Application. Transportation Research Record, 2014, 2448, 28-36.	1.9	5
54	Volatility transmission in the dry bulk newbuilding and secondhand markets: an empirical research. Transportation Letters, 2014, 6, 57-66.	3.1	7

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55	Data Fusion of Maritime Incident Databases with Dempster-Shafer Theory. Transportation Research Record, 2014, 2426, 27-32.	1.9	2
56	Modified stochastic user-equilibrium assignment algorithm for urban rail transit under network operation. Journal of Central South University, 2013, 20, 2897-2904.	3.0	8
57	How would EEDI influence Chinese shipbuilding industry?. Maritime Policy and Management, 2013, 40, 495-510.	3.8	12
58	Spatial Analysis of Maritime Accidents Using the Geographic Information System. Transportation Research Record, 2013, 2326, 39-44.	1.9	31
59	Research on the Supplier Selection Strategy Model for Shipbuilding Companies under Different Market Quotations. Applied Mechanics and Materials, 2013, 281, 700-703.	0.2	1
60	Probability Analysis of Damage to Offshore Pipeline by Ship Factors. Transportation Research Record, 2013, 2326, 24-31.	1.9	11
61	Optimization of Quay Crane Scheduling Constrained by Stability of Vessels. Transportation Research Record, 2013, 2330, 47-54.	1.9	12
62	Developing an effective fuzzy logic model for managing risks in marine oil transport. International Journal of Shipping and Transport Logistics, 2013, 5, 485.	0.5	8
63	How Will the Marine Emissions Trading Scheme Influence the Profit and CO2 Emissions of a Containership. Lecture Notes in Computer Science, 2013, , 45-57.	1.3	2
64	Dynamic Fuzzy Logic Model for Risk Assessment of Marine Crude Oil Transportation. Transportation Research Record, 2012, 2273, 121-127.	1.9	7
65	Application of Fuzzy Logic to Safety Risk Assessment of China's Maritime Passages. Transportation Research Record, 2012, 2273, 112-120.	1.9	7
66	A Hybrid GA-CP Approach for Production Scheduling. , 2009, , .		1
67	A Study of Resource Planning for Precast Production. Architectural Science Review, 2007, 50, 106-114.	2.2	15
68	Constraint Programming Approach to Precast Production Scheduling. Journal of Construction Engineering and Management - ASCE, 2002, 128, 513-521.	3.8	81
69	Production Scheduling for Precast Plants using a Flow Shop Sequencing Model. Journal of Computing in Civil Engineering, 2002, 16, 165-174.	4.7	72
70	An application of genetic algorithms to precast production scheduling. Computers and Structures, 2001, 79, 1605-1616.	4.4	53
71	Preliminary CSI specification localization methodology matrix in China. International Journal of Construction Management, 0, , 1-10.	3.2	0