

Kai Kang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

750
citations

759233

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839539

18
g-index

20
all docs

20
docs citations

20
times ranked

578
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | System architecture for blockchain based transparency of supply chain social sustainability. Robotics and Computer-Integrated Manufacturing, 2020, 63, 101896. | 9.9 | 217 |
| 2 | Blockchain-based life cycle assessment: An implementation framework and system architecture. Resources, Conservation and Recycling, 2020, 152, 104512. | 10.8 | 161 |
| 3 | A Blockchain-Based Framework for Green Logistics in Supply Chains. Sustainability, 2020, 12, 4656. | 3.2 | 75 |
| 4 | Synchroperation in industry 4.0 manufacturing. International Journal of Production Economics, 2021, 238, 108171. | 8.9 | 55 |
| 5 | Blockchain-enabled cyber-physical smart modular integrated construction. Computers in Industry, 2021, 133, 103553. | 9.9 | 48 |
| 6 | Building demolition waste management through smart BIM: A case study in Hong Kong. Waste Management, 2022, 143, 69-83. | 7.4 | 39 |
| 7 | Sequential auction based parking space sharing and pricing mechanism in the era of sharing economy. Industrial Management and Data Systems, 2019, 119, 1734-1747. | 3.7 | 22 |
| 8 | Cyber physical system-enabled on-demand logistics trading. International Journal of Production Economics, 2021, 233, 108005. | 8.9 | 19 |
| 9 | Double Auction-Based Manufacturing Cloud Service Allocation in an Industrial Park. IEEE Transactions on Automation Science and Engineering, 2022, 19, 295-307. | 5.2 | 18 |
| 10 | Internet of Things-based real-time production logistics synchronization mechanism and method toward customer order dynamics. Transactions of the Institute of Measurement and Control, 2017, 39, 429-445. | 1.7 | 17 |
| 11 | A cost evaluation model for IoT-enabled prefabricated construction supply chain management. Industrial Management and Data Systems, 2021, 121, 2738-2759. | 3.7 | 17 |
| 12 | Auction-based cloud service allocation and sharing for logistics product service system. Journal of Cleaner Production, 2021, 278, 123881. | 9.3 | 16 |
| 13 | Multi-attribute negotiation mechanism for manufacturing service allocation in smart manufacturing. Advanced Engineering Informatics, 2022, 51, 101523. | 8.0 | 12 |
| 14 | Cloud-enabled sharing in logistics product service system. Procedia CIRP, 2019, 83, 451-455. | 1.9 | 10 |
| 15 | A reverse Vickrey auction for physical internet (PI) enabled parking management systems. International Journal of Production Economics, 2021, 235, 108083. | 8.9 | 8 |
| 16 | Blockchain opportunities for construction industry in Hong Kong: a case study of RISC and site diary. Construction Innovation, 2023, 23, 443-466. | 2.7 | 7 |
| 17 | Data-driven ferry network design with candidate service arcs: the case of Zhuhai Islands in China. Maritime Policy and Management, 2020, 47, 598-614. | 3.8 | 5 |
| 18 | First- and second-price sealed-bid auctions applied to private parking slot sharing. , 2018, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Cloud Manufacturing-Enabled Production Logistics Service System in Industrial Park. , 2017, , . | | 1 |
| 20 | Integrated Disassembly and Assembly Model for Heavy Duty Equipment Maintenance. Procedia CIRP, 2020, 93, 995-1000. | 1.9 | 1 |