

Daqiang Guo

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Synchronization of Shop-Floor Logistics and Manufacturing Under IIoT and Digital Twin-Enabled Graduation Intelligent Manufacturing System. IEEE Transactions on Cybernetics, 2023, 53, 2005-2016. | 6.2 | 25 |
| 2 | Operation twins: production-intralogistics synchronisation in Industry 4.0. International Journal of Production Research, 2023, 61, 5193-5211. | 4.9 | 6 |
| 3 | Synchronization of production and delivery with time windows in fixed-position assembly islands under Graduation Intelligent Manufacturing System. Robotics and Computer-Integrated Manufacturing, 2022, 73, 102236. | 6.1 | 9 |
| 4 | Digital twin-enabled smart modular integrated construction system for on-site assembly. Computers in Industry, 2022, 136, 103594. | 5.7 | 58 |
| 5 | Spatio-temporal synchronisation for human-cyber-physical assembly workstation 4.0 systems. International Journal of Production Research, 2022, 60, 704-722. | 4.9 | 8 |
| 6 | Just Trolley: Implementation of industrial IoT and digital twin-enabled spatial-temporal traceability and visibility for finished goods logistics. Advanced Engineering Informatics, 2022, 52, 101571. | 4.0 | 12 |
| 7 | Towards synchronization-oriented manufacturing planning and control for Industry 4.0 and beyond. IFAC-PapersOnLine, 2022, 55, 163-168. | 0.5 | 12 |
| 8 | Assembly Workstation 4.0: Concept, Framework and Research Perspectives for Assembly Systems Implementation in the Industry 4.0 Era. IFAC-PapersOnLine, 2022, 55, 420-426. | 0.5 | 1 |
| 9 | Operation Twins: Synchronized Production-Intralogistics for Industry 4.0 Manufacturing. IFIP Advances in Information and Communication Technology, 2021, , 596-604. | 0.5 | 1 |
| 10 | Synchronization-oriented reconfiguration of FPAI under graduation intelligent manufacturing system in the COVID-19 pandemic and beyond. Journal of Manufacturing Systems, 2021, 60, 893-902. | 7.6 | 16 |
| 11 | Synchroperation in industry 4.0 manufacturing. International Journal of Production Economics, 2021, 238, 108171. | 5.1 | 55 |
| 12 | Preparation of Papers for IFAC Conferences & Symposia: Computer Vision-enabled Human-Cyber-Physical Workstation for Proactive Ergonomic Risks Mitigation. IFAC-PapersOnLine, 2021, 54, 450-457. | 0.5 | 3 |
| 13 | Digital twin-enabled Graduation Intelligent Manufacturing System for fixed-position assembly islands. Robotics and Computer-Integrated Manufacturing, 2020, 63, 101917. | 6.1 | 81 |
| 14 | Graduation Intelligent Manufacturing System (GiMS): an Industry 4.0 paradigm for production and operations management. Industrial Management and Data Systems, 2020, 121, 86-98. | 2.2 | 32 |
| 15 | A framework for personalized production based on digital twin, blockchain and additive manufacturing in the context of Industry 4.0. , 2020, , . | | 32 |
| 16 | Computer Vision-enabled HCPS Assembly Workstations Swarm for Enhancing Responsiveness in Mass Customization. , 2020, , . | | 3 |
| 17 | Computer Vision-enabled Human-Cyber-Physical Workstations Collaboration for Reconfigurable Assembly System. Procedia Manufacturing, 2020, 51, 565-570. | 1.9 | 2 |
| 18 | A Demonstrative Case Study of Minibus Assembly under GiMS. , 2020, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Towards Zero-Warehousing Smart Manufacturing from Zero-Inventory Just-In-Time production. Robotics and Computer-Integrated Manufacturing, 2020, 64, 101932. | 6.1 | 51 |
| 20 | A roadmap for Assembly 4.0: self-configuration of fixed-position assembly islands under Graduation Intelligent Manufacturing System. International Journal of Production Research, 2020, 58, 4631-4646. | 4.9 | 31 |
| 21 | Towards Assembly 4.0: Graduation Intelligent Manufacturing System for Fixed-position Assembly Islands. IFAC-PapersOnLine, 2019, 52, 1513-1518. | 0.5 | 12 |
| 22 | Personalized Recommendation using Similarity Powered Pairwise Amplifier Network. , 2019, , . | | 0 |
| 23 | A New High Collapse OCTG Collapse Strength Model Based on Twin Shear Unified Strength Theory. Journal of Pressure Vessel Technology, Transactions of the ASME, 2016, 138, . | 0.4 | 1 |
| 24 | Application of Multiphysics Coupling FEM on Open Wellbore Shrinkage and Casing Remaining Strength in an Incomplete Borehole in Deep Salt Formation. Mathematical Problems in Engineering, 2015, 2015, 1-9. | 0.6 | 3 |