# Wenchi Shou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1784704/publications.pdf

Version: 2024-02-01

| | | 758635 | 610482 |
|---|---|---|---|
| 29 | 1,010 | 12 | 24 |
| papers | citations | h-index | g-index |

| | | | |
|---|---|---|---|
| 30 | 30 | 30 | 846 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Utility of BIM-CFD Integration in the Design and Performance Analysis for Buildings and Infrastructures of Architecture, Engineering and Construction Industry. Buildings, 2022, 12, 651. | 1.4 | 7 |
| 2 | A Parameter-Driven Method for Modeling Bridge Defects through IFC. Journal of Computing in Civil Engineering, 2022, 36, . | 2.5 | 10 |
| 3 | Vision-Based Methods for Relative Sag Measurement of Suspension Bridge Cables. Buildings, 2022, 12, 667. | 1.4 | 5 |
| 4 | Lean management framework for improving maintenance operation: development and application in the oil and gas industry. Production Planning and Control, 2021, 32, 585-602. | 5.8 | 37 |
| 5 | Computer Vision Techniques in Construction: A Critical Review. Archives of Computational Methods in Engineering, 2021, 28, 3383-3397. | 6.0 | 170 |
| 6 | Self-Organized Crowd Dynamics: Research on Earthquake Emergency Response Patterns of Drill-Trained Individuals Based on GIS and Multi-Agent Systems Methodology. Sensors, 2021, 21, 1353. | 2.1 | 7 |
| 7 | Automatic Scaffolding Workface Assessment for Activity Analysis through Machine Learning. Applied Sciences (Switzerland), 2021, 11, 4143. | 1.3 | 5 |
| 8 | Vision-Based Pavement Marking Detection and Condition Assessmentâ€"A Case Study. Applied Sciences (Switzerland), 2021, 11, 3152. | 1.3 | 14 |
| 9 | The application of simulation in lean production research: a critical review and future directions. Engineering, Construction and Architectural Management, 2021, 28, 2119-2154. | 1.8 | 5 |
| 10 | An Efficient Decision Support System for Flood Inundation Management Using Intermittent Remote-Sensing Data. Remote Sensing, 2021, 13, 2818. | 1.8 | 4 |
| 11 | Research on Non-Contact and Non-Fixed Cable Force Measurement Based on Smartphone. Applied Sciences (Switzerland), 2021, 11, 8902. | 1.3 | 7 |
| 12 | Vision-Based Pavement Marking Detection â€“ A Case Study. Lecture Notes in Civil Engineering, 2021, , 1162-1171. | 0.3 | 2 |
| 13 | Value adding and non-value adding activities in turnaround maintenance process: classification, validation, and benefits. Production Planning and Control, 2020, 31, 60-77. | 5.8 | 28 |
| 14 | Computer Vision Techniques in Construction, Operation and Maintenance Phases of Civil Assets: A Critical Review. , 2019, , . | | 6 |
| 15 | A Coordinated Approach for Supply-Chain Tracking in the Liquefied Natural Gas Industry. Sustainability, 2018, 10, 4822. | 1.6 | 10 |
| 16 | 4D BIM for Improving Plant Turnaround Maintenance Planning and Execution: A Case Study. , 2018, , . | | 1 |
| 17 | A cross-sector review on the use of value stream mapping. International Journal of Production Research, 2017, 55, 3906-3928. | 4.9 | 80 |
| 18 | A comprehensive analysis of the credits obtained by LEED 2009 certified green buildings. Renewable and Sustainable Energy Reviews, 2017, 68, 370-379. | 8.2 | 103 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Developing and evaluating a framework of total constraint management for improving workflow in liquefied natural gas construction. Construction Management and Economics, 2016, 34, 859-874. | 1.8 | 28 |
| 20 | Building information modeling-based integration of MEP layout designs and constructability. Automation in Construction, 2016, 61, 134-146. | 4.8 | 85 |
| 21 | A BIM-based approach for automated tower crane layout planning. Automation in Construction, 2015, 59, 168-178. | 4.8 | 98 |
| 22 | Integrating BIM and LiDAR for Real-Time Construction Quality Control. Journal of Intelligent and Robotic Systems: Theory and Applications, 2015, 79, 417-432. | 2.0 | 105 |
| 23 | A Comparative Review of Building Information Modelling Implementation in Building and Infrastructure Industries. Archives of Computational Methods in Engineering, 2015, 22, 291-308. | 6.0 | 103 |
| 24 | Development of BIM Model Fitness Review System for Modelling Quality Control. , 2014, , . | | 1 |
| 25 | Integration of BIM and Lean Concepts to Improve Maintenance Efficiency: A Case Study. , 2014, , . | | 9 |
| 26 | Integrating BIM and augmented reality for interactive architectural visualisation. Construction Innovation, 2014, 14, 453-476. | 1.5 | 61 |
| 27 | Improving Quality and Performance of Facility Management Using Building Information Modelling. Lecture Notes in Computer Science, 2014, , 44-50. | 1.0 | 15 |
| 28 | Application of Lean Production With Value Stream Mapping to the Blasting and Coating Industry. , 0, , . | | 1 |
| 29 | A Survey of Simulation Modelling Techniques in Lean Construction Research. , 0, , . | | 2 |