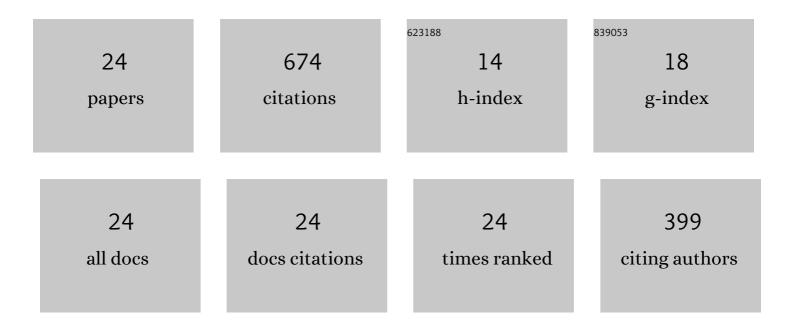


List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4853973/publications.pdf Version: 2024-02-01



ΜΙ ΡΑΝ

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A framework of indicators for assessing construction automation and robotics in the sustainability context. Journal of Cleaner Production, 2018, 182, 82-95. | 4.6 | 118 |
| 2 | Determinants of Adoption of Robotics in Precast Concrete Production for Buildings. Journal of Management in Engineering - ASCE, 2019, 35, . | 2.6 | 63 |
| 3 | â€~Co-evolution through interaction' of innovative building technologies: The case of modular integrated construction and robotics. Automation in Construction, 2019, 107, 102932. | 4.8 | 59 |
| 4 | Sources of Uncertainties in Offsite Logistics of Modular Construction for High-Rise Building Projects. Journal of Management in Engineering - ASCE, 2021, 37, . | 2.6 | 58 |
| 5 | A dialectical system framework of zero carbon emission building policy for high-rise high-density cities: Perspectives from Hong Kong. Journal of Cleaner Production, 2018, 205, 1-13. | 4.6 | 49 |
| 6 | Structuring the context for construction robot development through integrated scenario approach. Automation in Construction, 2020, 114, 103174. | 4.8 | 41 |
| 7 | Influencing factors of the future utilisation of construction robots for buildings: A Hong Kong perspective. Journal of Building Engineering, 2020, 30, 101220. | 1.6 | 38 |
| 8 | Understanding the Determinants of Construction Robot Adoption: Perspective of Building Contractors. Journal of Construction Engineering and Management - ASCE, 2020, 146, . | 2.0 | 37 |
| 9 | Palm Vein Recognition Based on Three Local Invariant Feature Extraction Algorithms. Lecture Notes in Computer Science, 2011, , 116-124. | 1.0 | 33 |
| 10 | Stakeholder Perceptions of the Future Application of Construction Robots for Buildings in a Dialectical System Framework. Journal of Management in Engineering - ASCE, 2020, 36, . | 2.6 | 32 |
| 11 | Drivers, barriers and strategies for zero carbon buildings in high-rise high-density cities. Energy and Buildings, 2021, 242, 110970. | 3.1 | 30 |
| 12 | Artificial Intelligence and Robotics for Prefabricated and Modular Construction: A Systematic Literature Review. Journal of Construction Engineering and Management - ASCE, 2022, 148, . | 2.0 | 23 |
| 13 | Opportunities and risks of implementing zero-carbon building policy for cities: Hong Kong case. Applied Energy, 2019, 256, 113835. | 5.1 | 17 |
| 14 | Knowledge, attitude and practice towards zero carbon buildings: Hong Kong case. Journal of Cleaner Production, 2020, 274, 122819. | 4.6 | 15 |
| 15 | A â€~demand-supply-regulation-institution' stakeholder partnership model of delivering zero carbon buildings. Sustainable Cities and Society, 2020, 62, 102359. | 5.1 | 15 |
| 16 | Critical considerations on tower crane layout planning for high-rise modular integrated construction. Engineering, Construction and Architectural Management, 2022, 29, 2615-2634. | 1.8 | 13 |
| 17 | Integrated Offsite Logistics Scheduling Approach for High-Rise Modular Building Projects. Journal of Construction Engineering and Management - ASCE, 2022, 148, . | 2.0 | 12 |
| 18 | Identification of Usage Scenarios for Robotic Exoskeletons in the Context of the Hong Kong | | 7 |

Construction Industry. , 2018, , .

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Rethinking lean synergistically inÂpractice for construction industry improvements. Engineering, Construction and Architectural Management, 2023, 30, 2669-2690. | 1.8 | 4 |
| 20 | Performance analysis of scheduling rules in remanufacturing operations using stochastic Petri nets. , 2014, , . | | 3 |
| 21 | A Framework for Utilizing Automated and Robotic Construction for Sustainable Building. , 2018, , 79-88. | | 3 |
| 22 | Virtual Prototyping-Based Path Planning of Unmanned Aerial Vehicles for Building Exterior Inspection. , 2020, , . | | 2 |
| 23 | Motion planning for efficient and safe module transportation in modular integrated construction. Computer-Aided Civil and Infrastructure Engineering, 0, , . | 6.3 | 2 |
| 24 | A Novel Methodological Framework of Smart Project Delivery of Modular Integrated Construction. , 2020, , . | | 0 |