

Chien-Ho Ko

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36

papers

627

citations

16

h-index

24

g-index

39

ext. papers

716

ext. citations

4.3

avg, IF

4.52

L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 36 | RFID-based building maintenance system. <i>Automation in Construction</i> , 2009 , 18, 275-284 | 9.6 | 77 |
| 35 | Precast production scheduling using multi-objective genetic algorithms. <i>Expert Systems With Applications</i> , 2011 , 38, 8293-8302 | 7.8 | 51 |
| 34 | GA-based decision support systems for precast production planning. <i>Automation in Construction</i> , 2010 , 19, 907-916 | 9.6 | 48 |
| 33 | RFID 3D location sensing algorithms. <i>Automation in Construction</i> , 2010 , 19, 588-595 | 9.6 | 45 |
| 32 | Pavement performance prediction through fuzzy regression. <i>Expert Systems With Applications</i> , 2011 , 38, 10010-10017 | 7.8 | 36 |
| 31 | MAKING FORMWORK CONSTRUCTION LEAN. <i>Journal of Civil Engineering and Management</i> , 2015 , 21, 444-458 | 3 | 32 |
| 30 | Evaluating sub-contractors performance using EFNIM. <i>Automation in Construction</i> , 2007 , 16, 525-530 | 9.6 | 29 |
| 29 | Evolutionary Fuzzy Neural Inference System for Decision Making in Geotechnical Engineering. <i>Journal of Computing in Civil Engineering</i> , 2008 , 22, 272-280 | 5 | 28 |
| 28 | Computer-aided DSS for safety monitoring of geotechnical construction. <i>Automation in Construction</i> , 2002 , 11, 375-390 | 9.6 | 26 |
| 27 | AN INTEGRATED FRAMEWORK FOR REDUCING PRECAST FABRICATION INVENTORY. <i>Journal of Civil Engineering and Management</i> , 2010 , 16, 418-427 | 3 | 23 |
| 26 | Dynamic Prediction of Project Success Using Artificial Intelligence. <i>Journal of Construction Engineering and Management - ASCE</i> , 2007 , 133, 316-324 | 4.2 | 23 |
| 25 | Object-Oriented Evolutionary Fuzzy Neural Inference System for Construction Management. <i>Journal of Construction Engineering and Management - ASCE</i> , 2003 , 129, 461-469 | 4.2 | 22 |
| 24 | Application of Lean Production System in the Construction Industry: An Empirical Study. <i>Journal of Engineering and Applied Sciences</i> , 2010 , 5, 71-77 | 1.3 | 22 |
| 23 | Web-based radio frequency identification facility management systems. <i>Structure and Infrastructure Engineering</i> , 2013 , 9, 465-480 | 2.9 | 19 |
| 22 | Hybrid use of AI techniques in developing construction management tools. <i>Automation in Construction</i> , 2003 , 12, 271-281 | 9.6 | 19 |
| 21 | Lean Design Process. <i>Journal of Construction Engineering and Management - ASCE</i> , 2014 , 140, 04014011 | 4.2 | 18 |
| 20 | Production control in precast fabrication: considering demand variability in production schedules. <i>Canadian Journal of Civil Engineering</i> , 2011 , 38, 191-199 | 1.3 | 15 |

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|----|--|-----|----|
| 19 | Facility layout design [Review of current research directions. <i>Engineering Management in Production and Services</i> , 2018 , 10, 70-79 | 1.8 | 12 |
| 18 | Improving Formwork Engineering Using the Toyota Way. <i>Journal of Engineering, Project, and Production Management</i> , 2011 , 1, 13-27 | 0.8 | 11 |
| 17 | MATERIAL TRANSSHIPMENT FOR PRECAST FABRICATION. <i>Journal of Civil Engineering and Management</i> , 2013 , 19, 335-347 | 3 | 10 |
| 16 | A genetic-fuzzy-neuro model encodes FNNs using SWRM and BRM. <i>Engineering Applications of Artificial Intelligence</i> , 2006 , 19, 891-903 | 7.2 | 10 |
| 15 | Computer-aided decision support system for hillside safety monitoring. <i>Automation in Construction</i> , 2002 , 11, 453-466 | 9.6 | 9 |
| 14 | Automated Safety Monitoring and Diagnosis System for Unstable Slopes. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2003 , 18, 64-77 | 8.4 | 8 |
| 13 | Enhancing submittal review and construction inspection in public projects. <i>Automation in Construction</i> , 2014 , 44, 33-46 | 9.6 | 7 |
| 12 | 3D-Web-GIS RFID location sensing system for construction objects. <i>Scientific World Journal, The</i> , 2013 , 2013, 217972 | 2.2 | 7 |
| 11 | Evaluating Production Time Buffer for Precast Fabrication. <i>Journal of Engineering, Project, and Production Management</i> , 2012 , 2, 101-111 | 0.8 | 5 |
| 10 | Lean Building Design Model. <i>Procedia Engineering</i> , 2017 , 182, 329-334 | | 4 |
| 9 | Accessibility of Radio Frequency Identification Technology in Facilities Maintenance. <i>Journal of Engineering, Project, and Production Management</i> , 2017 , 7, 45-53 | 0.8 | 3 |
| 8 | Lean concurrent submittal review systems. <i>KSCE Journal of Civil Engineering</i> , 2015 , 19, 478-484 | 1.9 | 2 |
| 7 | Predicting subcontractor performance using web-based Evolutionary Fuzzy Neural Networks. <i>Scientific World Journal, The</i> , 2013 , 2013, 729525 | 2.2 | 2 |
| 6 | Making Formwork Design Lean. <i>Journal of Engineering, Project, and Production Management</i> , 2019 , 9, 29-47 | 0.8 | 2 |
| 5 | Reducing ineligible contractor disputes in government procurement: A lesson from Taiwan. <i>KSCE Journal of Civil Engineering</i> , 2014 , 18, 409-418 | 1.9 | 1 |
| 4 | Improving Formwork Using Lean Tools. <i>MATEC Web of Conferences</i> , 2020 , 312, 02007 | 0.3 | |
| 3 | Web-Based Intelligent RFID Facility Maintenance Systems. <i>Lecture Notes in Mechanical Engineering</i> , 2018 , 31-38 | 0.4 | |
| 2 | Improving Formwork Design Using Lean Thinking. <i>Lecture Notes in Mechanical Engineering</i> , 2020 , 435-445 | 5.4 | |

- 1 Material Risk Pooling: Strategies for Precast Fabrication. *IOP Conference Series: Materials Science and Engineering*, **2021**, 1117, 012032

0.4