

Tak Wing Yiu

List of Publications by Year in descending order

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85
papers

2,454
citations

218677

26
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223800

46
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86
all docs

86
docs citations

86
times ranked

1431
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Building Information Modeling Education for Quantity Surveyors in Hong Kong: Current States, Education Gaps, and Challenges. <i>International Journal of Construction Education and Research</i> , 2023, 19, 259-275. | 1.6 | 3 |
| 2 | What do post-disaster reconstruction project success indicators look like? End-user's perspectives. <i>International Journal of Disaster Resilience in the Built Environment</i> , 2022, 13, 31-50. | 1.2 | 6 |
| 3 | A systematic review of factors affecting post-disaster reconstruction projects resilience. <i>International Journal of Disaster Resilience in the Built Environment</i> , 2022, 13, 113-132. | 1.2 | 7 |
| 4 | Intervening Decision-Making in Using Alternative Dispute Resolutions: A Parsimonious Intervention Model. <i>Springer Tracts in Civil Engineering</i> , 2022, , 369-398. | 0.5 | 0 |
| 5 | Immersive virtual reality as an empirical research tool: exploring the capability of a machine learning model for predicting construction workers' safety behaviour. <i>Virtual Reality</i> , 2022, 26, 361-383. | 6.1 | 14 |
| 6 | Unintended Consequences of Productivity Improvement Strategies on Safety Behaviour of Construction Labourers; A Step toward the Integration of Safety and Productivity. <i>Buildings</i> , 2022, 12, 317. | 3.1 | 4 |
| 7 | Empirical Modeling for Conflict Causes and Contractual Relationships in Construction Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2022, 148, . | 3.8 | 6 |
| 8 | Predicting Construction Workers' Intentions to Engage in Unsafe Behaviours Using Machine Learning Algorithms and Taxonomy of Personality. <i>Buildings</i> , 2022, 12, 841. | 3.1 | 2 |
| 9 | Predicting intention to use alternative dispute resolution (ADR): an empirical test of theory of planned behaviour (TPB) model. <i>International Journal of Construction Management</i> , 2021, 21, 27-40. | 3.2 | 5 |
| 10 | Blockchain-aided information exchange records for design liability control and improved security. <i>Automation in Construction</i> , 2021, 126, 103667. | 9.8 | 53 |
| 11 | A Study of Construction Disputes in the New Zealand Context. <i>Lecture Notes in Civil Engineering</i> , 2021, , 2075-2083. | 0.4 | 1 |
| 12 | Exploring the Relationship between Construction Workers' Personality Traits and Safety Behavior. <i>Journal of Construction Engineering and Management - ASCE</i> , 2020, 146, . | 3.8 | 44 |
| 13 | Job Burnout of Construction Project Managers: Exploring the Consequences of Regulating Emotions in Workplace. <i>Journal of Construction Engineering and Management - ASCE</i> , 2020, 146, . | 3.8 | 20 |
| 14 | The effectiveness of traditional tools and computer-aided technologies for health and safety training in the construction sector: A systematic review. <i>Computers and Education</i> , 2019, 138, 101-115. | 8.3 | 118 |
| 15 | Explicating the Role of Relationship in Construction Claim Negotiations. <i>Journal of Construction Engineering and Management - ASCE</i> , 2018, 144, . | 3.8 | 11 |
| 16 | A Macro-Micro Framework of ADR Use in the Malaysian Construction Industry. , 2018, , 97-106. | | 2 |
| 17 | Does company size matter? Validation of an integrative model of safety behavior across small and large construction companies. <i>Journal of Safety Research</i> , 2018, 64, 73-81. | 3.6 | 36 |
| 18 | Application of the Theory of Planned Behavior to Alternative Dispute Resolution Selection and Use in Construction Projects. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2018, 10, . | 1.4 | 7 |

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| 19 | Understanding Intention to Use Alternative Dispute Resolution in Construction Projects: Framework Based on Technology Acceptance Model. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2018, 10, . | 1.4 | 9 |
| 20 | Developing a generic and aggregate model of system dynamics for construction safety. <i>Civil Engineering and Environmental Systems</i> , 2018, 35, 6-21. | 0.9 | 3 |
| 21 | Unintended consequences of management strategies for improving labor productivity in construction industry. <i>Journal of Safety Research</i> , 2018, 67, 107-116. | 3.6 | 29 |
| 22 | A new approach to predict safety outcomes in the construction industry. <i>Safety Science</i> , 2018, 109, 86-94. | 4.9 | 20 |
| 23 | Role of Management Strategies in Improving Labor Productivity in General Construction Projects in New Zealand: Managerial Perspective. <i>Journal of Management in Engineering - ASCE</i> , 2018, 34, . | 4.8 | 48 |
| 24 | ASSESSING COLLUSION RISKS IN MANAGING CONSTRUCTION PROJECTS USING ARTIFICIAL NEURAL NETWORK. <i>Technological and Economic Development of Economy</i> , 2018, 24, 2003-2025. | 4.6 | 18 |
| 25 | Lean-based clean earthworks operation. <i>Journal of Cleaner Production</i> , 2017, 142, 2195-2208. | 9.3 | 9 |
| 26 | Investigating the Underlying Factors of Corruption in the Public Construction Sector: Evidence from China. <i>Science and Engineering Ethics</i> , 2017, 23, 1643-1666. | 2.9 | 58 |
| 27 | Using a Pressure-State-Practice Model to Develop Safety Leading Indicators for Construction Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2017, 143, . | 3.8 | 26 |
| 28 | Assessing Contractual Relationship Quality: Study of Judgment Trends among Construction Industry Participants. <i>Journal of Management in Engineering - ASCE</i> , 2017, 33, . | 4.8 | 15 |
| 29 | Dispute Manifestation and Relationship Quality in Practice. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2016, 8, . | 1.4 | 23 |
| 30 | Cleanâ€lean administrative processes: a case study on sediment pollution during construction. <i>Journal of Cleaner Production</i> , 2016, 126, 134-147. | 9.3 | 21 |
| 31 | Decision-Making Model for Selecting the Optimum Method of Delay Analysis in Construction Projects. <i>Journal of Management in Engineering - ASCE</i> , 2016, 32, . | 4.8 | 29 |
| 32 | A cleaner production-pollution prevention based framework for construction site induced water pollution. <i>Journal of Cleaner Production</i> , 2016, 135, 1363-1378. | 9.3 | 43 |
| 33 | A conceptualisation of relationship quality in construction procurement. <i>International Journal of Project Management</i> , 2016, 34, 997-1011. | 5.6 | 64 |
| 34 | The dynamics of proximal and distal factors in construction site water pollution. <i>Journal of Cleaner Production</i> , 2016, 113, 54-65. | 9.3 | 21 |
| 35 | Predicting safety behavior in the construction industry: Development and test of an integrative model. <i>Safety Science</i> , 2016, 84, 1-11. | 4.9 | 255 |
| 36 | Selection and use of Alternative Dispute Resolution (ADR) in construction projects â€ Past and future research. <i>International Journal of Project Management</i> , 2016, 34, 494-507. | 5.6 | 59 |

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|----|---|-----|-----------|
| 37 | A Timeless Motto for Dispute Resolution: "Prevention Is Better Than Cure" Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2016, 8, . | 1.4 | 1 |
| 38 | Relationship-Quality Judgment Model for Construction Project Procurement: A Conjoint Measurement. Journal of Construction Engineering and Management - ASCE, 2016, 142, . | 3.8 | 21 |
| 39 | Developing Leading Indicators to Monitor the Safety Conditions of Construction Projects. Journal of Management in Engineering - ASCE, 2016, 32, . | 4.8 | 87 |
| 40 | Systematic Representation of Relationship Quality in Conflict and Dispute: for Construction Projects. Construction Economics and Building, 2015, 15, 89-103. | 0.9 | 9 |
| 41 | A Fuzzy Fault Tree Framework of Construction Dispute Negotiation Failure. IEEE Transactions on Engineering Management, 2015, 62, 171-183. | 3.5 | 16 |
| 42 | Potential for long-term sustainability. Facilities, 2015, 33, 177-194. | 1.6 | 6 |
| 43 | Identifying behaviour patterns of construction safety using system archetypes. Accident Analysis and Prevention, 2015, 80, 125-141. | 5.7 | 88 |
| 44 | A System Dynamics View of Safety Management in Small Construction Companies. Journal of Construction Engineering and Project Management, 2015, 5, 1-6. | 0.6 | 10 |
| 45 | Face-saving tactics as an aid to construction negotiation in Hong Kong. Engineering, Construction and Architectural Management, 2014, 21, 609-630. | 3.1 | 2 |
| 46 | A Multi-Objective Decision Support System for Selecting Dispute Resolution Methods in the Construction Industry. , 2014, , . | | 4 |
| 47 | Interweaving Trust and Communication for Project Performance. , 2014, , 169-187. | | 10 |
| 48 | The Efficacy of Trust-Building Tactics in Construction Dispute Mediation. , 2014, , 367-381. | | 1 |
| 49 | Developing a Trust Inventory for Construction Contracting. , 2014, , 147-168. | | 3 |
| 50 | Online Construction Dispute Negotiation. , 2014, , 213-229. | | 0 |
| 51 | Application of Bandura's Self-Efficacy Theory to Examining the Choice of Tactics in Construction Dispute Negotiation. , 2014, , 277-295. | | 0 |
| 52 | The Behavioural Dimensions of Construction Dispute Negotiation. , 2014, , 191-211. | | 0 |
| 53 | Exploring the Potential for Predicting Project Dispute Resolution Satisfaction Using Logistic Regression. , 2014, , 75-95. | | 0 |
| 54 | The Interrelationships Among Sources, Tactics and Outcomes in Construction Dispute Mediation. , 2014, , 337-366. | | 0 |

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| 55 | Catastrophic Transitions of Construction Contracting Behaviour. , 2014, , 53-73. | | 0 |
| 56 | In Search of Sustainability: Constructability Application and Contract Management in Malaysian Industrialized Building Systems. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2013, 5, 196-204. | 1.4 | 7 |
| 57 | Interweaving Trust and Communication with Project Performance. Journal of Construction Engineering and Management - ASCE, 2013, 139, 941-950. | 3.8 | 117 |
| 58 | Going Green: Researching in Legal Affairs and Dispute Resolution. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2013, 5, 160-161. | 1.4 | 2 |
| 59 | Integrated methodology to design and manage work-in-process buffers in repetitive building projects. Journal of the Operational Research Society, 2013, 64, 1182-1193. | 3.4 | 18 |
| 60 | Application of Bandura's Self-Efficacy Theory to Examining the Choice of Tactics in Construction Dispute Negotiation. Journal of Construction Engineering and Management - ASCE, 2012, 138, 331-340. | 3.8 | 23 |
| 61 | A cusp catastrophe model of withdrawal in construction project dispute negotiation. Automation in Construction, 2012, 22, 597-604. | 9.8 | 24 |
| 62 | Behavioral Studies of Project Dispute Negotiation in Engineering and Construction: Visit to Bandura's Self-Efficacy Theory. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2011, 3, 97-100. | 1.4 | 1 |
| 63 | Developing a trust inventory for construction contracting. International Journal of Project Management, 2011, 29, 184-196. | 5.6 | 67 |
| 64 | Application of Equity Sensitivity Theory to Problem-Solving Approaches in Construction Dispute Negotiation. Journal of Management in Engineering - ASCE, 2011, 27, 40-47. | 4.8 | 13 |
| 65 | How Do Personality Traits Affect Construction Dispute Negotiation? Study of Big Five Personality Model. Journal of Construction Engineering and Management - ASCE, 2011, 137, 169-178. | 3.8 | 29 |
| 66 | Moderating Effect of Equity Sensitivity on Behavior-Outcome Relationships in Construction Dispute Negotiation. Journal of Construction Engineering and Management - ASCE, 2011, 137, 322-332. | 3.8 | 12 |
| 67 | Exploring the Potential for Predicting Project Dispute Resolution Satisfaction Using Logistic Regression. Journal of Construction Engineering and Management - ASCE, 2010, 136, 508-517. | 3.8 | 19 |
| 68 | Efficacy of Trust-Building Tactics in Construction Mediation. Journal of Construction Engineering and Management - ASCE, 2009, 135, 683-689. | 3.8 | 19 |
| 69 | Contingent Use of Negotiators's Tactics in Construction Dispute Negotiation. Journal of Construction Engineering and Management - ASCE, 2009, 135, 466-476. | 3.8 | 36 |
| 70 | The aggressive-cooperative drivers of construction contracting. International Journal of Project Management, 2009, 27, 727-735. | 5.6 | 24 |
| 71 | A framework for trust in construction contracting. International Journal of Project Management, 2008, 26, 821-829. | 5.6 | 172 |
| 72 | Logistic Regression Modeling of Construction Negotiation Outcomes. IEEE Transactions on Engineering Management, 2008, 55, 468-478. | 3.5 | 13 |

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| 73 | Catastrophic Transitions of Construction Contracting Behavior. Journal of Construction Engineering and Management - ASCE, 2008, 134, 942-952. | 3.8 | 12 |
| 74 | Exploring the Influence of Contract Governance on Construction Dispute Negotiation. Journal of Professional Issues in Engineering Education and Practice, 2008, 134, 391-398. | 0.9 | 31 |
| 75 | A study of construction mediator tacticsâ€™Part II: The contingent use of tactics. Building and Environment, 2007, 42, 762-769. | 6.9 | 21 |
| 76 | Toward a typology of construction mediator tactics. Building and Environment, 2007, 42, 2344-2359. | 6.9 | 12 |
| 77 | Behavioral Transition: A Framework for the Construction Conflict--Tension Relationship. IEEE Transactions on Engineering Management, 2007, 54, 498-505. | 3.5 | 28 |
| 78 | A study of construction mediator tacticsâ€™Part I: Taxonomies of dispute sources, mediator tactics and mediation outcomes. Building and Environment, 2007, 42, 752-761. | 6.9 | 33 |
| 79 | Critical factors for environmental performance assessment (EPA) in the Hong Kong construction industry. Construction Management and Economics, 2006, 24, 1113-1123. | 3.0 | 22 |
| 80 | A catastrophe model of construction conflict behavior. Building and Environment, 2006, 41, 438-447. | 6.9 | 54 |
| 81 | Are Construction Disputes Inevitable?. IEEE Transactions on Engineering Management, 2006, 53, 456-470. | 3.5 | 126 |
| 82 | A Study of Styles and Outcomes in Construction Dispute Negotiation. Journal of Construction Engineering and Management - ASCE, 2006, 132, 805-814. | 3.8 | 74 |
| 83 | Logistic Likelihood Analysis of Mediation Outcomes. Journal of Construction Engineering and Management - ASCE, 2006, 132, 1026-1036. | 3.8 | 17 |
| 84 | How Relational are Construction Contracts?. Journal of Professional Issues in Engineering Education and Practice, 2006, 132, 48-56. | 0.9 | 53 |
| 85 | Construction Negotiation Online. Journal of Construction Engineering and Management - ASCE, 2004, 130, 844-852. | 3.8 | 26 |