Tak Wing Yiu

List of Publications by Citations

81 papers	1,675 citations	22 h-index	38 g-index
86 ext. papers	2,054 ext. citations	4.3 avg, IF	5.31 L-index

#	Paper	IF	Citations
81	Predicting safety behavior in the construction industry: Development and test of an integrative model. *Safety Science*, **2016**, 84, 1-11	5.8	164
80	A framework for trust in construction contracting. *International Journal of Project Management*, **2008**, 26, 821-829	7.6	129
79	Interweaving Trust and Communication with Project Performance. *Journal of Construction Engineering and Management - ASCE*, **2013**, 139, 941-950	4.2	93
78	Are construction disputes inevitable?. *IEEE Transactions on Engineering Management*, **2006**, 53, 456-470	2.6	92
77	Developing Leading Indicators to Monitor the Safety Conditions of Construction Projects. *Journal of Management in Engineering - ASCE*, **2016**, 32, 04015016	5.3	65
76	Identifying behaviour patterns of construction safety using system archetypes. *Accident Analysis and Prevention*, **2015**, 80, 125-41	6.1	58
75	A Study of Styles and Outcomes in Construction Dispute Negotiation. *Journal of Construction Engineering and Management - ASCE*, **2006**, 132, 805-814	4.2	58
74	The effectiveness of traditional tools and computer-aided technologies for health and safety training in the construction sector: A systematic review. *Computers and Education*, **2019**, 138, 101-115	9.5	56
73	Developing a trust inventory for construction contracting. *International Journal of Project Management*, **2011**, 29, 184-196	7.6	49
72	A catastrophe model of construction conflict behavior. *Building and Environment*, **2006**, 41, 438-447	6.5	45
71	A conceptualisation of relationship quality in construction procurement. *International Journal of Project Management*, **2016**, 34, 997-1011	7.6	42
70	How Relational are Construction Contracts?. *Journal of Professional Issues in Engineering Education and Practice*, **2006**, 132, 48-56	0.7	40
69	Investigating the Underlying Factors of Corruption in the Public Construction Sector: Evidence from China. *Science and Engineering Ethics*, **2017**, 23, 1643-1666	3.1	38
68	Selection and use of Alternative Dispute Resolution (ADR) in construction projects □Past and future research. *International Journal of Project Management*, **2016**, 34, 494-507	7.6	36
67	Role of Management Strategies in Improving Labor Productivity in General Construction Projects in New Zealand: Managerial Perspective. *Journal of Management in Engineering - ASCE*, **2018**, 34, 04018035	5.3	34
66	Contingent Use of Negotiators□Tactics in Construction Dispute Negotiation. *Journal of Construction Engineering and Management - ASCE*, **2009**, 135, 466-476	4.2	33
65	A study of construction mediator tactics□Part I: Taxonomies of dispute sources, mediator tactics and mediation outcomes. *Building and Environment*, **2007**, 42, 752-761	6.5	28

64	A cleaner production-pollution prevention based framework for construction site induced water pollution. *Journal of Cleaner Production*, **2016**, 135, 1363-1378	10.3	27
63	Does company size matter? Validation of an integrative model of safety behavior across small and large construction companies. *Journal of Safety Research*, **2018**, 64, 73-81	4	24
62	Exploring the Influence of Contract Governance on Construction Dispute Negotiation. *Journal of Professional Issues in Engineering Education and Practice*, **2008**, 134, 391-398	0.7	24
61	Construction Negotiation Online. *Journal of Construction Engineering and Management - ASCE*, **2004**, 130, 844-852	4.2	24
60	Behavioral Transition: A Framework for the Construction Conflict--Tension Relationship. *IEEE Transactions on Engineering Management*, **2007**, 54, 498-505	2.6	22
59	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	4.2	21
58	Critical factors for environmental performance assessment (EPA) in the Hong Kong construction industry. *Construction Management and Economics*, **2006**, 24, 1113-1123	3	21
57	Exploring the Relationship between Construction Workers' Personality Traits and Safety Behavior. *Journal of Construction Engineering and Management - ASCE*, **2020**, 146, 04019111	4.2	21
56	A cusp catastrophe model of withdrawal in construction project dispute negotiation. *Automation in Construction*, **2012**, 22, 597-604	9.6	20
55	A study of construction mediator tactics—Part II: The contingent use of tactics. *Building and Environment*, **2007**, 42, 762-769	6.5	20
54	Decision-Making Model for Selecting the Optimum Method of Delay Analysis in Construction Projects. *Journal of Management in Engineering - ASCE*, **2016**, 32, 04016009	5.3	19
53	Relationship-Quality Judgment Model for Construction Project Procurement: A Conjoint Measurement. *Journal of Construction Engineering and Management - ASCE*, **2016**, 142, 04016012	4.2	18
52	Using a Pressure-State-Practice Model to Develop Safety Leading Indicators for Construction Projects. *Journal of Construction Engineering and Management - ASCE*, **2017**, 143, 04016092	4.2	17
51	Efficacy of Trust-Building Tactics in Construction Mediation. *Journal of Construction Engineering and Management - ASCE*, **2009**, 135, 683-689	4.2	17
50	The aggressive–cooperative drivers of construction contracting. *International Journal of Project Management*, **2009**, 27, 727-735	7.6	17
49	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	4.2	17
48	Clean–lean administrative processes: a case study on sediment pollution during construction. *Journal of Cleaner Production*, **2016**, 126, 134-147	10.3	17
47	The dynamics of proximal and distal factors in construction site water pollution. *Journal of Cleaner Production*, **2016**, 113, 54-65	10.3	16

46	Blockchain-aided information exchange records for design liability control and improved security. *Automation in Construction*, **2021**, 126, 103667	9.6	16
45	Exploring the Potential for Predicting Project Dispute Resolution Satisfaction Using Logistic Regression. *Journal of Construction Engineering and Management - ASCE*, **2010**, 136, 508-517	4.2	15
44	Integrated methodology to design and manage work-in-process buffers in repetitive building projects. *Journal of the Operational Research Society*, **2013**, 64, 1182-1193	2	14
43	Logistic Likelihood Analysis of Mediation Outcomes. *Journal of Construction Engineering and Management - ASCE*, **2006**, 132, 1026-1036	4.2	14
42	ASSESSING COLLUSION RISKS IN MANAGING CONSTRUCTION PROJECTS USING ARTIFICIAL NEURAL NETWORK. *Technological and Economic Development of Economy*, **2018**, 24, 2003-2025	4.7	14
41	Unintended consequences of management strategies for improving labor productivity in construction industry. *Journal of Safety Research*, **2018**, 67, 107-116	4	14
40	Dispute Manifestation and Relationship Quality in Practice. *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*, **2016**, 8,	1.7	13
39	Application of Equity Sensitivity Theory to Problem-Solving Approaches in Construction Dispute Negotiation. *Journal of Management in Engineering - ASCE*, **2011**, 27, 40-47	5.3	12
38	A new approach to predict safety outcomes in the construction industry. *Safety Science*, **2018**, 109, 86-94	5.8	12
37	Moderating Effect of Equity Sensitivity on Behavior-Outcome Relationships in Construction Dispute Negotiation. *Journal of Construction Engineering and Management - ASCE*, **2011**, 137, 322-332	4.2	11
36	Logistic regression modeling of construction negotiation outcomes. *IEEE Transactions on Engineering Management*, **2008**, 55, 468-478	2.6	11
35	Assessing Contractual Relationship Quality: Study of Judgment Trends among Construction Industry Participants. *Journal of Management in Engineering - ASCE*, **2017**, 33, 04016028	5.3	10
34	Catastrophic Transitions of Construction Contracting Behavior. *Journal of Construction Engineering and Management - ASCE*, **2008**, 134, 942-952	4.2	9
33	Toward a typology of construction mediator tactics. *Building and Environment*, **2007**, 42, 2344-2359	6.5	9
32	A System Dynamics View of Safety Management in Small Construction Companies. *Journal of Construction Engineering and Project Management*, **2015**, 5, 1-6		9
31	A Fuzzy Fault Tree Framework of Construction Dispute Negotiation Failure. *IEEE Transactions on Engineering Management*, **2015**, 62, 171-183	2.6	8
30	Systematic Representation of Relationship Quality in Conflict and Dispute: for Construction Projects. *Construction Economics and Building*, **2015**, 15, 89-103	0.9	6
29	Understanding Intention to Use Alternative Dispute Resolution in Construction Projects: Framework Based on Technology Acceptance Model. *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*, **2018**, 10, 04517021	1.7	6

28	Lean-based clean earthworks operation. *Journal of Cleaner Production*, **2017**, 142, 2195-2208	10.3	5
27	Explicating the Role of Relationship in Construction Claim Negotiations. *Journal of Construction Engineering and Management - ASCE*, **2018**, 144, 04017114	4.2	5
26	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	1.7	5
25	Job Burnout of Construction Project Managers: Exploring the Consequences of Regulating Emotions in Workplace. *Journal of Construction Engineering and Management - ASCE*, **2020**, 146, 04020117	4.2	5
24	Application of the Theory of Planned Behavior to Alternative Dispute Resolution Selection and Use in Construction Projects. *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*, **2018**, 10, 04518003	1.7	4
23	Potential for long-term sustainability. *Facilities*, **2015**, 33, 177-194	2.2	4
22	A Multi-Objective Decision Support System for Selecting Dispute Resolution Methods in the Construction Industry **2014**,		3
21	Face-saving tactics as an aid to construction negotiation in Hong Kong. *Engineering, Construction and Architectural Management*, **2014**, 21, 609-630	3.1	2
20	Going Green: Researching in Legal Affairs and Dispute Resolution. *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*, **2013**, 5, 160-161	1.7	2
19	Developing a Trust Inventory for Construction Contracting **2014**, 147-168		2
18	A Macro-Micro Framework of ADR Use in the Malaysian Construction Industry **2018**, 97-106		1
17	A Timeless Motto for Dispute Resolution: Prevention Is Better Than Cure. *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*, **2016**, 8,	1.7	1
16	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	1.7	1
15	Interweaving Trust and Communication for Project Performance **2014**, 169-187		1
14	The Efficacy of Trust-Building Tactics in Construction Dispute Mediation **2014**, 367-381		1
13	Predicting intention to use alternative dispute resolution (ADR): an empirical test of theory of planned behaviour (TPB) model. *International Journal of Construction Management*, **2021**, 21, 27-40	1.9	1
12	What do post-disaster reconstruction project success indicators look like? End-users' perspectives. *International Journal of Disaster Resilience in the Built Environment*, **2021**, ahead-of-print,	1.4	1
11	Developing a generic and aggregate model of system dynamics for construction safety. *Civil Engineering and Environmental Systems*, **2018**, 35, 6-21	2.1	1

10	Immersive virtual reality as an empirical research tool: exploring the capability of a machine learning model for predicting construction workers safety behaviour. *Virtual Reality*,1	6	0
9	Unintended Consequences of Productivity Improvement Strategies on Safety Behaviour of Construction Labourers; A Step toward the Integration of Safety and Productivity. *Buildings*, **2022**, 12, 317	3.2	0
8	A Study of Construction Disputes in the New Zealand Context. *Lecture Notes in Civil Engineering*, **2021**, 2075-2083	0.3	
7	Online Construction Dispute Negotiation **2014**, 213-229		
6	Application of Bandura Self-Efficacy Theory to Examining the Choice of Tactics in Construction Dispute Negotiation **2014**, 277-295		
5	The Behavioural Dimensions of Construction Dispute Negotiation **2014**, 191-211		
4	Exploring the Potential for Predicting Project Dispute Resolution Satisfaction Using Logistic Regression **2014**, 75-95		
3	The Interrelationships Among Sources, Tactics and Outcomes in Construction Dispute Mediation **2014**, 337-366		
2	Catastrophic Transitions of Construction Contracting Behaviour **2014**, 53-73		
1	Intervening Decision-Making in Using Alternative Dispute Resolutions: A Parsimonious Intervention Model. *Springer Tracts in Civil Engineering*, **2022**, 369-398	0.4	