

Tak Wing Yiu

List of Publications by Year in descending order

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85
papers

2,454
citations

218677

26
h-index

223800

46
g-index

86
all docs

86
docs citations

86
times ranked

1431
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A framework for trust in construction contracting. <i>International Journal of Project Management</i> , 2008, 26, 821-829.	5.6	172
3	Are Construction Disputes Inevitable?. <i>IEEE Transactions on Engineering Management</i> , 2006, 53, 456-470.	3.5	126
4	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
5	Interweaving Trust and Communication with Project Performance. <i>Journal of Construction Engineering and Management - ASCE</i> , 2013, 139, 941-950.	3.8	117
6	Identifying behaviour patterns of construction safety using system archetypes. <i>Accident Analysis and Prevention</i> , 2015, 80, 125-141.	5.7	88
7	Developing Leading Indicators to Monitor the Safety Conditions of Construction Projects. <i>Journal of Management in Engineering - ASCE</i> , 2016, 32, .	4.8	87
8	A Study of Styles and Outcomes in Construction Dispute Negotiation. <i>Journal of Construction Engineering and Management - ASCE</i> , 2006, 132, 805-814.	3.8	74
9	Developing a trust inventory for construction contracting. <i>International Journal of Project Management</i> , 2011, 29, 184-196.	5.6	67
10	A conceptualisation of relationship quality in construction procurement. <i>International Journal of Project Management</i> , 2016, 34, 997-1011.	5.6	64
11	Selection and use of Alternative Dispute Resolution (ADR) in construction projects – Past and future research. <i>International Journal of Project Management</i> , 2016, 34, 494-507.	5.6	59
12	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
13	A catastrophe model of construction conflict behavior. <i>Building and Environment</i> , 2006, 41, 438-447.	6.9	54
14	How Relational are Construction Contracts?. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2006, 132, 48-56.	0.9	53
15	Blockchain-aided information exchange records for design liability control and improved security. <i>Automation in Construction</i> , 2021, 126, 103667.	9.8	53
16	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
17	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
18	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

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19	Contingent Use of Negotiators's™ Tactics in Construction Dispute Negotiation. Journal of Construction Engineering and Management - ASCE, 2009, 135, 466-476.	3.8	36
20	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.	3.6	36
21	A study of construction mediator tactics's™Part I: Taxonomies of dispute sources, mediator tactics and mediation outcomes. Building and Environment, 2007, 42, 752-761.	6.9	33
22	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
23	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
24	Decision-Making Model for Selecting the Optimum Method of Delay Analysis in Construction Projects. Journal of Management in Engineering - ASCE, 2016, 32, .	4.8	29
25	Unintended consequences of management strategies for improving labor productivity in construction industry. Journal of Safety Research, 2018, 67, 107-116.	3.6	29
26	Behavioral Transition: A Framework for the Construction Conflict--Tension Relationship. IEEE Transactions on Engineering Management, 2007, 54, 498-505.	3.5	28
27	Construction Negotiation Online. Journal of Construction Engineering and Management - ASCE, 2004, 130, 844-852.	3.8	26
28	Using a Pressure-State-Practice Model to Develop Safety Leading Indicators for Construction Projects. Journal of Construction Engineering and Management - ASCE, 2017, 143, .	3.8	26
29	The aggressive's™cooperative drivers of construction contracting. International Journal of Project Management, 2009, 27, 727-735.	5.6	24
30	A cusp catastrophe model of withdrawal in construction project dispute negotiation. Automation in Construction, 2012, 22, 597-604.	9.8	24
31	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
32	Dispute Manifestation and Relationship Quality in Practice. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2016, 8, .	1.4	23
33	Critical factors for environmental performance assessment (EPA) in the Hong Kong construction industry. Construction Management and Economics, 2006, 24, 1113-1123.	3.0	22
34	A study of construction mediator tactics's™Part II: The contingent use of tactics. Building and Environment, 2007, 42, 762-769.	6.9	21
35	Clean's™lean administrative processes: a case study on sediment pollution during construction. Journal of Cleaner Production, 2016, 126, 134-147.	9.3	21
36	The dynamics of proximal and distal factors in construction site water pollution. Journal of Cleaner Production, 2016, 113, 54-65.	9.3	21

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37	Relationship-Quality Judgment Model for Construction Project Procurement: A Conjoint Measurement. <i>Journal of Construction Engineering and Management - ASCE</i> , 2016, 142, .	3.8	21
38	A new approach to predict safety outcomes in the construction industry. <i>Safety Science</i> , 2018, 109, 86-94.	4.9	20
39	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
40	Efficacy of Trust-Building Tactics in Construction Mediation. <i>Journal of Construction Engineering and Management - ASCE</i> , 2009, 135, 683-689.	3.8	19
41	Exploring the Potential for Predicting Project Dispute Resolution Satisfaction Using Logistic Regression. <i>Journal of Construction Engineering and Management - ASCE</i> , 2010, 136, 508-517.	3.8	19
42	Integrated methodology to design and manage work-in-process buffers in repetitive building projects. <i>Journal of the Operational Research Society</i> , 2013, 64, 1182-1193.	3.4	18
43	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
44	Logistic Likelihood Analysis of Mediation Outcomes. <i>Journal of Construction Engineering and Management - ASCE</i> , 2006, 132, 1026-1036.	3.8	17
45	A Fuzzy Fault Tree Framework of Construction Dispute Negotiation Failure. <i>IEEE Transactions on Engineering Management</i> , 2015, 62, 171-183.	3.5	16
46	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
47	Immersive virtual reality as an empirical research tool: exploring the capability of a machine learning model for predicting construction workers's™ safety behaviour. <i>Virtual Reality</i> , 2022, 26, 361-383.	6.1	14
48	Logistic Regression Modeling of Construction Negotiation Outcomes. <i>IEEE Transactions on Engineering Management</i> , 2008, 55, 468-478.	3.5	13
49	Application of Equity Sensitivity Theory to Problem-Solving Approaches in Construction Dispute Negotiation. <i>Journal of Management in Engineering - ASCE</i> , 2011, 27, 40-47.	4.8	13
50	Toward a typology of construction mediator tactics. <i>Building and Environment</i> , 2007, 42, 2344-2359.	6.9	12
51	Catastrophic Transitions of Construction Contracting Behavior. <i>Journal of Construction Engineering and Management - ASCE</i> , 2008, 134, 942-952.	3.8	12
52	Moderating Effect of Equity Sensitivity on Behavior-Outcome Relationships in Construction Dispute Negotiation. <i>Journal of Construction Engineering and Management - ASCE</i> , 2011, 137, 322-332.	3.8	12
53	Explicating the Role of Relationship in Construction Claim Negotiations. <i>Journal of Construction Engineering and Management - ASCE</i> , 2018, 144, .	3.8	11
54	Interweaving Trust and Communication for Project Performance. , 2014, , 169-187.		10

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55	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
56	Systematic Representation of Relationship Quality in Conflict and Dispute: for Construction Projects. Construction Economics and Building, 2015, 15, 89-103.	0.9	9
57	Lean-based clean earthworks operation. Journal of Cleaner Production, 2017, 142, 2195-2208.	9.3	9
58	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, .	1.4	9
59	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
60	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, .	1.4	7
61	A systematic review of factors affecting post-disaster reconstruction projects resilience. International Journal of Disaster Resilience in the Built Environment, 2022, 13, 113-132.	1.2	7
62	Potential for long-term sustainability. Facilities, 2015, 33, 177-194.	1.6	6
63	What do post-disaster reconstruction project success indicators look like? End-user's perspectives. International Journal of Disaster Resilience in the Built Environment, 2022, 13, 31-50.	1.2	6
64	Empirical Modeling for Conflict Causes and Contractual Relationships in Construction Projects. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	3.8	6
65	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.	3.2	5
66	A Multi-Objective Decision Support System for Selecting Dispute Resolution Methods in the Construction Industry. , 2014, , .		4
67	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.	3.1	4
68	Developing a generic and aggregate model of system dynamics for construction safety. Civil Engineering and Environmental Systems, 2018, 35, 6-21.	0.9	3
69	Developing a Trust Inventory for Construction Contracting. , 2014, , 147-168.		3
70	Building Information Modeling Education for Quantity Surveyors in Hong Kong: Current States, Education Gaps, and Challenges. International Journal of Construction Education and Research, 2023, 19, 259-275.	1.6	3
71	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
72	Face-saving tactics as an aid to construction negotiation in Hong Kong. Engineering, Construction and Architectural Management, 2014, 21, 609-630.	3.1	2

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73	A Macro-Micro Framework of ADR Use in the Malaysian Construction Industry. , 2018, , 97-106.		2
74	Predicting Construction Workersâ€™ Intentions to Engage in Unsafe Behaviours Using Machine Learning Algorithms and Taxonomy of Personality. Buildings, 2022, 12, 841.	3.1	2
75	Behavioral Studies of Project Dispute Negotiation in Engineering and Construction: Visit to Banduraâ€™s Self-Efficacy Theory. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2011, 3, 97-100.	1.4	1
76	A Timeless Motto for Dispute Resolution: â€œPrevention Is Better Than Cureâ€. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2016, 8, .	1.4	1
77	The Efficacy of Trust-Building Tactics in Construction Dispute Mediation. , 2014, , 367-381.		1
78	A Study of Construction Disputes in the New Zealand Context. Lecture Notes in Civil Engineering, 2021, , 2075-2083.	0.4	1
79	Intervening Decision-Making in Using Alternative Dispute Resolutions: A Parsimonious Intervention Model. Springer Tracts in Civil Engineering, 2022, , 369-398.	0.5	0
80	Online Construction Dispute Negotiation. , 2014, , 213-229.		0
81	Application of Banduraâ€™s Self-Efficacy Theory to Examining the Choice of Tactics in Construction Dispute Negotiation. , 2014, , 277-295.		0
82	The Behavioural Dimensions of Construction Dispute Negotiation. , 2014, , 191-211.		0
83	Exploring the Potential for Predicting Project Dispute Resolution Satisfaction Using Logistic Regression. , 2014, , 75-95.		0
84	The Interrelationships Among Sources, Tactics and Outcomes in Construction Dispute Mediation. , 2014, , 337-366.		0
85	Catastrophic Transitions of Construction Contracting Behaviour. , 2014, , 53-73.		0