

# Keith R Molenaar

## List of Publications by Year in descending order

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55  
papers

2,247  
citations

236612

25  
h-index

223531

46  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1202  
citing authors

#	ARTICLE	IF	CITATIONS
1	Roadway design and construction in infrastructure limited contexts: a risk breakdown structure. International Journal of Construction Management, 2023, 23, 1675-1683.	2.2	0
2	Challenges in Engineering Estimates for Best Value Designâ€“Build Highway Projects. Journal of Construction Engineering and Management - ASCE, 2021, 147, 04021065.	2.0	2
3	Comparing Contract Administration Functions for Alternative and Traditional Delivery of Highway Projects. Journal of Management in Engineering - ASCE, 2020, 36, 04019038.	2.6	17
4	Modeling Supply Chain Integration in an Integrated Project Delivery System. Sustainability, 2020, 12, 5092.	1.6	5
5	Using Debiasing Strategies to Manage Cognitive Biases in Construction Risk Management: Recommendations for Practice and Future Research. Practice Periodical on Structural Design and Construction, 2020, 25, 04020033.	0.7	6
6	Revisiting Project Delivery System Performance from 1998 to 2018. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	2.0	24
7	Cost Implications of Indefinite Deliveryâ€“Indefinite Quantity Contracting in the US Defense Sector. Journal of Management in Engineering - ASCE, 2020, 36, .	2.6	8
8	Project Delivery Methodsâ€™ Change-Order Types and Magnitudes Experienced in Highway Construction. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2020, 12, .	0.9	18
9	Contract Administration Tools for Design-Build and Construction Manager/General Contractor Highway Projects. Journal of Management in Engineering - ASCE, 2019, 35, .	2.6	15
10	Comparative analysis between integrated project delivery and lean project delivery. International Journal of Project Management, 2019, 37, 395-409.	2.7	63
11	Critical Comparison of Progressive Design-Build and Construction Manager/General Contractor Project Delivery Methods. Transportation Research Record, 2019, 2673, 261-268.	1.0	24
12	Examination of Project Duration, Project Intensity, and Timing of Cost Certainty in Highway Project Delivery Methods. Journal of Management in Engineering - ASCE, 2019, 35, .	2.6	37
13	Influence of Interorganizational Coordination on Lifecycle Design Decision Making: Comparative Case Study of Publicâ€“Private Partnership Highway Projects. Journal of Management in Engineering - ASCE, 2018, 34, .	2.6	28
14	Influence of Simplified Procurement Methods on Competition for Public Sector Construction. Journal of Construction Engineering and Management - ASCE, 2018, 144, .	2.0	7
15	Timing of Cost Certainty in Highway Construction Project Delivery: Perceptions versus Empirical Results. Transportation Research Record, 2018, 2672, 88-95.	1.0	3
16	Managing Public Communication Strategies in Accelerated Highway Construction Projects. Transportation Research Record, 2018, 2672, 1-10.	1.0	2
17	Scope Definition of Air Force Design and Construction Projects. Journal of Management in Engineering - ASCE, 2017, 33, 04017028.	2.6	6
18	Exploring performance of the integrated project delivery process on complex building projects. International Journal of Project Management, 2016, 34, 1089-1101.	2.7	118

#	ARTICLE	IF	CITATIONS
19	A Hybrid Cross-Impact Approach to Predicting Cost Variance of Project Delivery Decisions for Highways. <i>Journal of Infrastructure Systems</i> , 2016, 22, .	1.0	19
20	Application of Indefinite Deliveryâ€“Indefinite Quantity Construction Strategies at the Federal Level. <i>Journal of Management in Engineering - ASCE</i> , 2016, 32, .	2.6	12
21	Exploration of Team Integration in Spanish Multifamily Residential Building Construction. <i>Journal of Management in Engineering - ASCE</i> , 2016, 32, .	2.6	24
22	Quality Assurance Organization Selection Factors for Highway Design and Construction Projects. <i>Journal of Management in Engineering - ASCE</i> , 2015, 31, .	2.6	7
23	Risk-Based Project Delivery Selection Model for Highway Design and Construction. <i>Journal of Construction Engineering and Management - ASCE</i> , 2015, 141, .	2.0	46
24	Benefits and Barriers to Applying Probabilistic Risk Analysis on Engineering and Construction Projects. <i>EMJ - Engineering Management Journal</i> , 2015, 27, 49-57.	1.4	17
25	Exploring critical delivery selection risk factors for transportation design and construction projects. <i>Engineering, Construction and Architectural Management</i> , 2014, 21, 631-647.	1.8	21
26	Synthesis of Performance Measures for Highway Cost Estimating. <i>Journal of Management in Engineering - ASCE</i> , 2014, 30, .	2.6	13
27	Impact of Risk on Design-Build Selection for Highway Design and Construction Projects. <i>Journal of Management in Engineering - ASCE</i> , 2014, 30, 153-162.	2.6	49
28	Project Delivery Selection Matrix for Highway Design and Construction. <i>Transportation Research Record</i> , 2013, 2347, 3-10.	1.0	27
29	Construction Project Peer Reviews as an Early Indicator of Project Success. <i>Journal of Management in Engineering - ASCE</i> , 2013, 29, 327-333.	2.6	7
30	Project Quality Assurance Organization Selection for Highway Design and Construction Projects. <i>Transportation Research Record</i> , 2013, 2347, 29-37.	1.0	5
31	Risk Planning and Management for the Panama Canal Expansion Program. <i>Journal of Construction Engineering and Management - ASCE</i> , 2011, 137, 762-771.	2.0	33
32	Selection of Project Delivery Method in Transit: Drivers and Objectives. <i>Journal of Management in Engineering - ASCE</i> , 2011, 27, 21-27.	2.6	91
33	Integrated Framework for Quantifying and Predicting Weather-Related Highway Construction Delays. <i>Journal of Construction Engineering and Management - ASCE</i> , 2010, 136, 1160-1168.	2.0	53
34	Modelo de aprendizaje para la selecci3n de un proyecto dise±o-construcci3n (llave en mano) en el sector pÅblico. <i>Revista Ingenieria De Construccion</i> , 2010, 25, .	0.4	1
35	A Synthesis of Best-Value Procurement Practices for Sustainable Design-Build Projects in the Public Sector. <i>Journal of Green Building</i> , 2010, 5, 148-157.	0.4	47
36	Framework for Measuring Corporate Safety Culture and Its Impact on Construction Safety Performance. <i>Journal of Construction Engineering and Management - ASCE</i> , 2009, 135, 488-496.	2.0	114

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37	Discussion of "Developing a Model of Construction Safety Culture" by Rafiq M. Choudhry, Dongping Fang, and Sherif Mohamed. Journal of Management in Engineering - ASCE, 2009, 25, 44-45.	2.6	10
38	Construction Project Cost Escalation Factors. Journal of Management in Engineering - ASCE, 2009, 25, 221-229.	2.6	150
39	Sensitivity of Construction Activities under Design Uncertainty. Journal of Construction Engineering and Management - ASCE, 2009, 135, 199-206.	2.0	34
40	Does Design-Build Project Delivery Affect the Future of the Public Engineer?. Transportation Research Record, 2008, 2081, 3-8.	1.0	12
41	Strategies for overlapping dependent design activities. Construction Management and Economics, 2006, 24, 829-837.	1.8	28
42	Legal Challenge to a Best-Value Procurement System. Leadership and Management in Engineering, 2006, 6, 20-25.	0.3	9
43	Concurrent Engineering Approach to Reducing Design Delivery Time. Journal of Construction Engineering and Management - ASCE, 2005, 131, 1179-1185.	2.0	64
44	Programmatic Cost Risk Analysis for Highway Megaprojects. Journal of Construction Engineering and Management - ASCE, 2005, 131, 343-353.	2.0	134
45	Design/Build for Water/Wastewater Facilities: State of the Industry Survey and Three Case Studies. Journal of Management in Engineering - ASCE, 2004, 20, 16-24.	2.6	32
46	Life-Cycle Cost Award Algorithms for Design/Build Highway Pavement Projects. Journal of Infrastructure Systems, 2004, 10, 167-175.	1.0	22
47	Engineering the Procurement Phase to Achieve Best Value. Leadership and Management in Engineering, 2003, 3, 137-141.	0.3	28
48	Educational Needs Assessment for Design/Build Project Delivery. Journal of Professional Issues in Engineering Education and Practice, 2003, 129, 106-114.	0.9	6
49	Design-Builder Selection for Small Highway Projects. Journal of Management in Engineering - ASCE, 2001, 17, 214-223.	2.6	72
50	Web-Based Decision Support Systems: Case Study in Project Delivery. Journal of Computing in Civil Engineering, 2001, 15, 259-267.	2.5	29
51	Public-Sector Design/Build Evolution and Performance. Journal of Management in Engineering - ASCE, 1999, 15, 54-62.	2.6	150
52	Model for Public Sector Design-Build Project Selection. Journal of Construction Engineering and Management - ASCE, 1998, 124, 467-479.	2.0	165
53	Project Characteristics for Successful Public-Sector Design-Build. Journal of Construction Engineering and Management - ASCE, 1997, 123, 34-40.	2.0	168
54	Selecting Design-Build: Public and Private Sector Owner Attitudes. Journal of Management in Engineering - ASCE, 1996, 12, 47-53.	2.6	113

#	ARTICLE	IF	CITATIONS
55	A Guidebook for the Evaluation of Project Delivery Methods. , 0, , .		26