

David N Ford

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12183287/publications.pdf>

Version: 2024-02-01

37
papers

2,248
citations

304743

22
h-index

395702

33
g-index

39
all docs

39
docs citations

39
times ranked

1404
citing authors

#	ARTICLE	IF	CITATIONS
1	Mental models concepts for system dynamics research. <i>System Dynamics Review</i> , 1998, 14, 3-29.	1.9	338
2	System dynamics applied to project management: a survey, assessment, and directions for future research. <i>System Dynamics Review</i> , 2007, 23, 157-189.	1.9	310
3	Dynamic modeling of product development processes. <i>System Dynamics Review</i> , 1998, 14, 31-68.	1.9	238
4	Expert knowledge elicitation to improve formal and mental models. <i>System Dynamics Review</i> , 1998, 14, 309-340.	1.9	225
5	A real options approach to valuing strategic flexibility in uncertain construction projects. <i>Construction Management and Economics</i> , 2002, 20, 343-351.	3.0	113
6	A behavioral approach to feedback loop dominance analysis. <i>System Dynamics Review</i> , 1999, 15, 3-36.	1.9	97
7	Product development resource allocation with foresight. <i>European Journal of Operational Research</i> , 2005, 160, 72-87.	5.7	88
8	Managing risk and uncertainty in complex capital projects. <i>Quarterly Review of Economics and Finance</i> , 2004, 44, 751-767.	2.7	85
9	Achieving Multiple Project Objectives through Contingency Management. <i>Journal of Construction Engineering and Management - ASCE</i> , 2002, 128, 30-39.	3.8	63
10	Tipping point failure and robustness in single development projects. <i>System Dynamics Review</i> , 2006, 22, 51-71.	1.9	62
11	Sustainable campus improvement program design using energy efficiency and conservation. <i>Journal of Cleaner Production</i> , 2015, 107, 400-409.	9.3	56
12	Managing Tipping Point Dynamics in Complex Construction Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2008, 134, 421-431.	3.8	45
13	Real options in infrastructure projects: theory, practice and prospects. <i>Engineering Project Organization Journal</i> , 2012, 2, 97-108.	0.6	42
14	Victims arrested for domestic violence: unintended consequences of arrest policies. <i>System Dynamics Review</i> , 2009, 25, 161-181.	1.9	34
15	Improving model understanding using statistical screening. <i>System Dynamics Review</i> , 2010, 26, 73-87.	1.9	31
16	Building Learning Organizations in Engineering Cultures: Case Study. <i>Journal of Management in Engineering - ASCE</i> , 2000, 16, 72-83.	4.8	27
17	Managing Constructibility Reviews to Reduce Highway Project Durations. <i>Journal of Construction Engineering and Management - ASCE</i> , 2004, 130, 33-42.	3.8	26
18	Sequence and Timing of Three Community Interventions to Domestic Violence. <i>American Journal of Community Psychology</i> , 2009, 44, 261-272.	2.5	26

#	ARTICLE	IF	CITATIONS
19	A system dynamics glossary. <i>System Dynamics Review</i> , 2019, 35, 369-379.	1.9	26
20	Effects of resource allocation policies for reducing project durations: a systems modelling approach. <i>Systems Research and Behavioral Science</i> , 2007, 24, 551-566.	1.6	25
21	Effects of Time Scale Focus on System Understanding in Decision Support Systems. <i>Simulation and Gaming</i> , 2000, 31, 309-330.	1.9	24
22	Project management quality and the value of flexible strategies. <i>Engineering, Construction and Architectural Management</i> , 2006, 13, 275-289.	3.1	23
23	Systemic Creation of Organizational Anxiety. <i>Journal of Applied Behavioral Science</i> , The, 1997, 33, 471-489.	3.3	19
24	Quantifying the impacts of rework, schedule pressure, and ripple effect loops on project schedule performance. <i>System Dynamics Review</i> , 2016, 32, 82-96.	1.9	12
25	Evaluating planning strategies for prioritizing projects in sustainability improvement programs. <i>Construction Management and Economics</i> , 2020, 38, 726-738.	3.0	12
26	Real option perceptions among project managers. <i>Risk Management</i> , 2011, 13, 122-146.	2.3	6
27	Science, engineering, and technology in the policy process for mitigating natural-societal risk. <i>System Dynamics Review</i> , 2011, 27, 173-194.	1.9	5
28	Financial Stress Testing of Toll Road Projects: <i>The Effect of Feedback Loop Dynamics</i>. <i>Journal of Structured Finance</i> , 2016, 21, 51-64.	0.3	5
29	Impact of Labour Controls on Tipping Point Dynamics in Large Complex Projects. <i>Systems Research and Behavioral Science</i> , 2018, 35, 605-618.	1.6	4
30	Social impact bonds: The goose and the golden eggs at risk. <i>Systems Research and Behavioral Science</i> , 2020, 37, 333-344.	1.6	4
31	Risk–reversion in water allocation policies in semi–arid regions. <i>Systems Research and Behavioral Science</i> , 2008, 25, 769-782.	1.6	3
32	System Dynamics Applied to Project Management: A Survey, Assessment, and Directions for Future Research. , 2020, , 285-314.		2
33	Computer simulation of innovation implementation strategies. , 2009, , .		1
34	The Impact of Regulatory Licensing Processes on U.S. Civilian Nuclear Power Plant Project Performance. , 2010, , .		0
35	Integrating simulation into the research and teaching of Construction Engineering and Management: Reflections on experience. , 2010, , .		0
36	Improving model understanding using statistical screening. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
37	System Dynamics Applied to Project Management: A Survey, Assessment, and Directions for Future Research. , 2019, , 1-30.		0