Hazhir Rahmandad

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54 papers	1,689 citations	21 h-index	40 g-index
58 ext. papers	2,115 ext. citations	3.3 avg, IF	5.44 L-index

#	Paper	IF	Citations
54	Heterogeneity and Network Structure in the Dynamics of Diffusion: Comparing Agent-Based and Differential Equation Models. *Management Science*, **2008**, 54, 998-1014	3.9	417
53	Reporting guidelines for simulation-based research in social sciences. *System Dynamics Review*, **2012**, 28, 396-411	1.6	130
52	Factors influencing the risk of falls in the construction industry: a review of the evidence. *Construction Management and Economics*, **2011**, 29, 397-416	3	98
51	Depression as a systemic syndrome: mapping the feedback loops of major depressive disorder. *Psychological Medicine*, **2016**, 46, 551-62	6.9	87
50	Effect of Delays on Complexity of Organizational Learning. *Management Science*, **2008**, 54, 1297-1312	3.9	70
49	Best-fitting prediction equations for basal metabolic rate: informing obesity interventions in diverse populations. *International Journal of Obesity*, **2013**, 37, 1364-70	5.5	60
48	Effects of feedback delay on learning. *System Dynamics Review*, **2009**, 25, 309-338	1.6	52
47	Modeling social norms and social influence in obesity. *Current Epidemiology Reports*, **2015**, 2, 71-79	2.9	50
46	Dynamic interplay among homeostatic, hedonic, and cognitive feedback circuits regulating body weight. *American Journal of Public Health*, **2014**, 104, 1169-75	5.1	49
45	Mapping the dynamics of overall equipment effectiveness to enhance asset management practices. *Journal of Quality in Maintenance Engineering*, **2011**, 17, 74-92	1.1	48
44	Modeling US adult obesity trends: a system dynamics model for estimating energy imbalance gap. *American Journal of Public Health*, **2014**, 104, 1230-9	5.1	45
43	Capability erosion dynamics. *Strategic Management Journal*, **2016**, 37, 649-672	5.2	44
42	Modeling the hypothalamus-pituitary-adrenal axis: A review and extension. *Mathematical Biosciences*, **2015**, 268, 52-65	3.9	39
41	Impact of Growth Opportunities and Competition on Firm-Level Capability Development Trade-offs. *Organization Science*, **2012**, 23, 138-154	3.6	39
40	Inter-phase feedbacks in construction projects. *Journal of Operations Management*, **2015**, 39-40, 48-62	5.2	36
39	Reconciling statistical and systems science approaches to public health. *Health Education and Behavior*, **2013**, 40, 123S-31S	4.2	36
38	Simulation-based estimation of the early spread of COVID-19 in Iran: actual versus confirmed cases. *System Dynamics Review*, **2020**, 36, 101-129	1.6	28

37	Optimizing highway maintenance operations: dynamic considerations. *System Dynamics Review*, **2010**, 26, 216-238	1.6	25
36	Estimating COVID-19 under-reporting across 86 nations: implications for projections and control		24
35	Development of an individual-based model for polioviruses: implications of the selection of network type and outcome metrics. *Epidemiology and Infection*, **2011**, 139, 836-48	4.3	23
34	Behavioral dynamics of COVID-19: estimating underreporting, multiple waves, and adherence fatigue across 92 nations. *System Dynamics Review*, **2021**, 37, 5-31	1.6	23
33	Dynamics of concurrent software development. *System Dynamics Review*, **2009**, 25, 224-249	1.6	20
32	Modeling the rework cycle: capturing multiple defects per task. *System Dynamics Review*, **2010**, 26, 291-316	1.6	20
31	Estimating the parameters of system dynamics models using indirect inference. *System Dynamics Review*, **2016**, 32, 156-180	1.6	17
30	Measuring dynamic efficiency of highway maintenance operations. *Omega*, **2015**, 50, 18-28	7.2	16
29	Connecting micro dynamics and population distributions in system dynamics models. *System Dynamics Review*, **2013**, 29, 197-215	1.6	16
28	Weather Conditions and COVID-19 Transmission: Estimates and Projections		16
27	Social influence in childhood obesity interventions: a systematic review. *Obesity Reviews*, **2016**, 17, 820-32	10.6	16
26	Dynamics of intervention adoption, implementation, and maintenance inside organizations: The case of an obesity prevention initiative. *Social Science and Medicine*, **2019**, 224, 67-76	5.1	16
25	Human growth and body weight dynamics: an integrative systems model. *PLoS ONE*, **2014**, 9, e114609	3.7	15
24	Connecting strategy and system dynamics: an example and lessons learned. *System Dynamics Review*, **2015**, 31, 149-172	1.6	14
23	Understanding econo-political risks: impact of sanctions on an automotive supply chain. *International Journal of Operations and Production Management*, **2015**, 35, 1567-1591	6.8	14
22	Dynamics of Implementation and Maintenance of Organizational Health Interventions. *International Journal of Environmental Research and Public Health*, **2017**, 14,	4.6	12
21	Simulation-based Estimation of the Spread of COVID-19 in Iran		11
20	Modeling and estimating the feedback mechanisms among depression, rumination, and stressors in adolescents. *PLoS ONE*, **2018**, 13, e0204389	3.7	10

19	Explaining Heterogeneity in the Organization of Scientific Work. *Organization Science*, **2019**, 30, 1125-1145	3.6	8
18	Making the Numbers? Short Termism and the Puzzle of Only Occasional Disaster. *Management Science*, **2018**, 64, 1328-1347	3.9	8
17	Interdependence, Complementarity, and Ruggedness of Performance Landscapes. *Strategy Science*, **2019**, 4, 234-249	1.5	7
16	Joint pricing and openness decisions in software markets with reinforcing loops. *System Dynamics Review*, **2012**, 28, 209-229	1.6	5
15	Weather, air pollution, and SARS-CoV-2 transmission: a global analysis. *Lancet Planetary Health, The*, **2021**, 5, e671-e680	9.8	5
14	If Higher Pay Is Profitable, Why Is It So Rare? Modeling Competing Strategies in Mass Market Services. *Organization Science*, **2020**, 31, 1053-1071	3.6	4
13	How exposure to different opinions impacts the life cycle of social media. *Annals of Operations Research*, **2018**, 268, 63-91	3.2	3
12	A flexible method for aggregation of prior statistical findings. *PLoS ONE*, **2017**, 12, e0175111	3.7	3
11	Delays Impair Learning and Can Drive Convergence to Inefficient Strategies. *Organization Science*, **2020**,	3.6	2
10	Dynamics of Intervention Adoption, Implementation, and Maintenance Inside Organizations: the Case of an Obesity Prevention Initiative		2
9	Reconstructing Online Behaviors by Effort Minimization. *Lecture Notes in Computer Science*, **2013**, 75-82	0.9	2
8	Are On-Demand Platforms Winner-Take-All Markets?. *Proceedings - Academy of Management*, **2019**, 2019, 17356	0.1	1
7	Risk-driven responses to COVID-19 eliminate the tradeoff between lives and livelihoods		1
6	Behavioral Responses to Risk Promote Vaccinating High-contact Individuals First		1
5	Evolution and Reproducibility of Simulation Modeling in Epidemiology and Health Policy over Half a Century. *Epidemiologic Reviews*, **2021**,	4.1	1
4	What makes dynamic strategic problems difficult? Evidence from an experimental study. *Strategic Management Journal*, **2021**, 42, 865-897	5.2	0
3	Enhancing long-term forecasting: Learning from COVID-19 models.. *PLoS Computational Biology*, **2022**, 18, e1010100	5	0
2	The Surprises and Perils of Organizational Learning from Successes and Failures. *Proceedings - Academy of Management*, **2019**, 2019, 12757	0.1	

1 Publication Maximizing Scientists and the Impact of Funding on Organization of Science. *Proceedings - Academy of Management*, **2016**, 2016, 17277 0.1