

# Ebrahim Karan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6892568/publications.pdf>

Version: 2024-02-01

11  
papers

242  
citations

1163117

8  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

309  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards the optimization of sustainable food-energy-water systems: A stochastic approach. Journal of Cleaner Production, 2018, 171, 662-674.	9.3	95
2	Integrating building and transportation energy use to design a comprehensive greenhouse gas mitigation strategy. Applied Energy, 2016, 165, 234-243.	10.1	26
3	A stochastic optimization approach to reduce greenhouse gas emissions from buildings and transportation. Energy, 2016, 106, 367-377.	8.8	25
4	Intelligent designer: A computational approach to automating design of windows in buildings. Automation in Construction, 2019, 102, 160-169.	9.8	22
5	Quantitative modeling of interconnections associated with sustainable food, energy and water (FEW) systems. Journal of Cleaner Production, 2018, 200, 86-99.	9.3	19
6	Video to BrIM: Automated 3D As-Built Documentation of Bridges. Journal of Performance of Constructed Facilities, 2018, 32, .	2.0	17
7	Resilience of food, energy, and water systems to a sudden labor shortage. Environment Systems and Decisions, 2021, 41, 63-81.	3.4	13
8	A Markov Decision Process Workflow for Automating Interior Design. KSCE Journal of Civil Engineering, 2021, 25, 3199-3212.	1.9	12
9	Development of designs for RCC mixtures with waste material. International Journal of Pavement Engineering, 2020, , 1-13.	4.4	7
10	Stochastic Optimization Model for Sustainable Water Treatment with Minimal Energy Use. , 2017, , .		2
11	Applying Artificial Intelligence within the AEC Industry: Collecting and Interpreting Data. , 2020, , .		1