

# Steven J Schuldt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4423441/publications.pdf>

Version: 2024-02-01

24  
papers

291  
citations

1307366

7  
h-index

887953

17  
g-index

24  
all docs

24  
docs citations

24  
times ranked

278  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ten questions concerning the built environment and mental health. <i>Building and Environment</i> , 2019, 155, 58-69.	3.0	68
2	A systematic review and analysis of the viability of 3D-printed construction in remote environments. <i>Automation in Construction</i> , 2021, 125, 103642.	4.8	59
3	A brief review on the mental health for select elements of the built environment. <i>Indoor and Built Environment</i> , 2021, 30, 152-165.	1.5	32
4	The Viability and Simplicity of 3D-Printed Construction: A Military Case Study. <i>Infrastructures</i> , 2020, 5, 35.	1.4	23
5	Fate of malathion and a phosphonic acid in activated sludge with varying solids retention times. <i>Water Research</i> , 2014, 57, 127-139.	5.3	21
6	Machine Learning Modeling of Horizontal Photovoltaics Using Weather and Location Data. <i>Energies</i> , 2020, 13, 2570.	1.6	18
7	Weather-Related Construction Delays in a Changing Climate: A Systematic State-of-the-Art Review. <i>Sustainability</i> , 2021, 13, 2861.	1.6	18
8	A framework for estimating the United States depression burden attributable to indoor fine particulate matter exposure. <i>Science of the Total Environment</i> , 2021, 756, 143858.	3.9	8
9	Optimizing the Planning of Remote Construction Sites to Minimize Facility Destruction from Explosive Attacks. <i>Journal of Construction Engineering and Management - ASCE</i> , 2018, 144, 04018020.	2.0	7
10	Meeting Temporary Facility Energy Demand With Climate-Optimized Off-Grid Energy Systems. <i>IEEE Open Access Journal of Power and Energy</i> , 2020, 7, 203-211.	2.5	6
11	Optimizing the Environmental and Economic Sustainability of Remote Community Infrastructure. <i>Sustainability</i> , 2020, 12, 2208.	1.6	6
12	Quantifying Blast Effects on Constructed Facilities behind Blast Walls. <i>Journal of Performance of Constructed Facilities</i> , 2017, 31, 04017027.	1.0	5
13	Evaluating an adaptive management strategy for organizational energy use under climate uncertainty. <i>Energy Policy</i> , 2020, 142, 111547.	4.2	5
14	A sustainable prototype for renewable energy: Optimized prime-power generator solar array replacement. <i>International Journal of Energy Production and Management</i> , 2019, 4, 28-39.	1.9	5
15	What to Do? Let's Think It Through! Using the Analytic Hierarchy Process to Make Decisions. <i>Frontiers for Young Minds</i> , 0, 8, .	0.8	3
16	United states department of defense (DoD) real property repair, alterations, maintenance, and construction project contract data: 2009-2020. <i>Data in Brief</i> , 2020, 32, 106128.	0.5	2
17	Quantifying the Environmental and Economic Performance of Remote Communities. <i>European Journal of Sustainable Development (discontinued)</i> , 2019, 8, 176.	0.4	2
18	Minimizing Consequences of Explosive Attacks on Remote Construction Sites. <i>Journal of Performance of Constructed Facilities</i> , 2020, 34, 04019099.	1.0	1

#	ARTICLE	IF	CITATIONS
19	A Statistical Principal Component Regression-Based Approach to Modeling the Degradative Effects of Local Climate and Traffic on Airfield Pavement Performance. <i>Journal of Transportation Engineering Part B: Pavements</i> , 2022, 148, .	0.8	1
20	A simulation-based optimization framework for post-disaster allocation of mental health resources. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 3843-3862.	1.5	1
21	Cost Analysis of Optimized Islanded Energy Systems in a Dispersed Air Base Conflict. <i>Energies</i> , 2020, 13, 4677.	1.6	0
22	Optimal tradeoffs between the security and cost of critical buildings and infrastructure systems. <i>International Journal of Safety and Security Engineering</i> , 2018, 8, 299-306.	0.5	0
23	QUANTIFYING PHYSICAL AND PSYCHOLOGICAL IMPACTS OF EXPLOSIVE ATTACKS ON BUILDING OCCUPANTS. <i>WIT Transactions on the Built Environment</i> , 2019, , .	0.0	0
24	What Is the Best Way to Take Care of Buildings?. <i>Frontiers for Young Minds</i> , 0, 8, .	0.8	0