

Sarel Lavy

List of Publications by Year in descending order

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41
papers

2,022
citations

331670
21
h-index

302126
39
g-index

48
all docs

48
docs citations

48
times ranked

1423
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of parameters for embodied energy measurement: A literature review. Energy and Buildings, 2010, 42, 1238-1247.	6.7	521
2	Need for an embodied energy measurement protocol for buildings: A review paper. Renewable and Sustainable Energy Reviews, 2012, 16, 3730-3743.	16.4	343
3	Establishment of KPIs for facility performance measurement: review of literature. Facilities, 2010, 28, 440-464.	1.6	113
4	Healthcare facilities management: state of the art review. Facilities, 2004, 22, 210-220.	1.6	105
5	Integration of facility management and building information modeling (BIM). Facilities, 2019, 37, 455-483.	1.6	83
6	A Multiuser Shared Virtual Environment for Facility Management. Procedia Engineering, 2016, 145, 120-127.	1.2	70
7	Integrated maintenance monitoring of hospital buildings. Construction Management and Economics, 2003, 21, 219-228.	3.0	67
8	KPIs for facility's performance assessment, Part I: identification and categorization of core indicators. Facilities, 2014, 32, 256-274.	1.6	60
9	Survey of Motivations, Benefits, and Implementation Challenges of Last Planner System Users. Journal of Construction Engineering and Management - ASCE, 2013, 139, 354-360.	3.8	54
10	Facilities maintenance management practices in large public schools, Texas. Facilities, 2009, 27, 5-20.	1.6	45
11	KPIs for facility's performance assessment, Part II: identification of variables and deriving expressions for core indicators. Facilities, 2014, 32, 275-294.	1.6	45
12	Facility management practices in higher education buildings. Journal of Facilities Management, 2008, 6, 303-315.	1.8	43
13	Key performance indicators for facility performance assessment: simulation of core indicators. Construction Management and Economics, 2014, 32, 1183-1204.	3.0	43
14	Integrated healthcare facilities maintenance management model: case studies. Facilities, 2009, 27, 107-119.	1.6	41
15	On the effect of service life conditions on the maintenance costs of healthcare facilities. Construction Management and Economics, 2007, 25, 1087-1098.	3.0	37
16	Development of an integrated healthcare facilities management model. Facilities, 2004, 22, 129-140.	1.6	33
17	Computer-Aided Healthcare Facility Management. Journal of Computing in Civil Engineering, 2007, 21, 363-372.	4.7	31
18	Evaluating the impact of operating energy reduction measures on embodied energy. Energy and Buildings, 2020, 226, 110340.	6.7	29

#	ARTICLE	IF	CITATIONS
19	Integrated maintenance management of hospital buildings: a case study. Construction Management and Economics, 2004, 22, 25-34.	3.0	28
20	Environmental, Economic, and Social Implications of Highway Concrete Rehabilitation Alternatives. Journal of Construction Engineering and Management - ASCE, 2016, 142, .	3.8	24
21	A STRATEGIC INTEGRATED HEALTHCARE FACILITY MANAGEMENT MODEL. International Journal of Strategic Property Management, 2007, 11, 125-142.	1.8	22
22	Facility maintenance and management: a health care case study. International Journal of Strategic Property Management, 2017, 21, 170-182.	1.8	21
23	Effects of BIM and COBie Database Facility Management on Work Order Processing Times: Case Study. Journal of Performance of Constructed Facilities, 2019, 33, .	2.0	19
24	Recurrent embodied energy and its relationship with service life and life cycle energy. Facilities, 2014, 32, 160-181.	1.6	18
25	Reducing carbon footprint of facilities using a facility management approach. Facilities, 2016, 34, 247-259.	1.6	18
26	LEED accredited professionals' perceptions affecting credit point adoption. Facilities, 2009, 27, 531-548.	1.6	16
27	Effects of Front-End Planning under Fast-Tracker Project Delivery Systems for Industrial Projects. International Journal of Construction Education and Research, 2018, 14, 163-178.	1.6	12
28	Wall Finish Selection in Hospital Design: A Survey of Facility Managers. Herd, 2012, 5, 80-98.	1.5	11
29	Fatalities of Hispanic Workers: Safety Initiatives Taken by U.S. Construction Companies to Address Linguistic and Cultural Issues. International Journal of Construction Education and Research, 2010, 6, 271-284.	1.6	10
30	Literature review on design error mitigation for facility managers in public access buildings. Facilities, 2010, 28, 542-563.	1.6	9
31	Complex Healthcare Facility Management and Lean Construction. Herd, 2010, 3, 3-6.	1.5	9
32	Effect of Autonomous Agents on Last Planner System Performance in Texas. Journal of Management in Engineering - ASCE, 2019, 35, .	4.8	9
33	Relationship between Admission GRE Scores and Graduation GPA Scores of Construction Management Graduate Students. International Journal of Construction Education and Research, 2016, 12, 37-53.	1.6	8
34	Floor finish selection in health-care facilities: a systematic literature review. Facilities, 2019, 37, 897-918.	1.6	7
35	Framework for Selecting Performance Assessment Tools for Achieving LEED 3.0 Credits. Architectural Engineering and Design Management, 2011, 7, 236-250.	1.7	5
36	Applications, Enrollment, Attendance, and Student Performance in Rebuilt School Facilities: A Case Study. International Journal of Construction Education and Research, 2017, 13, 125-141.	1.6	3

#	ARTICLE	IF	CITATIONS
37	Linking design and energy performance in U.S. military hospitals. Architectural Engineering and Design Management, 2015, 11, 41-64.	1.7	2
38	Floor finish selection in the design of healthcare facilities: a survey of facility managers. Facilities, 2019, 37, 571-599.	1.6	1
39	Feasibility of an Off-Grid Renewable Energy Source for the Mercantile Sector. Journal of Green Building, 2010, 5, 71-87.	0.8	1
40	Using Visual Ethnography for Space Studies. , 0, , .		1
41	Challenges of Stadium Construction – Case Study. Practice Periodical on Structural Design and Construction, 2005, 10, 181-189.	1.3	0