

# Igal M Shohet

## List of Publications by Year in descending order

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49  
papers

1,391  
citations

257357

24  
h-index

345118

36  
g-index

53  
all docs

53  
docs citations

53  
times ranked

759  
citing authors

#	ARTICLE	IF	CITATIONS
1	Healthcare facilities management: state of the art review. <i>Facilities</i> , 2004, 22, 210-220.	0.8	105
2	Service life prediction of exterior cladding components under standard conditions. <i>Construction Management and Economics</i> , 2004, 22, 1081-1090.	1.8	88
3	Key Performance Indicators for Strategic Healthcare Facilities Maintenance. <i>Journal of Construction Engineering and Management - ASCE</i> , 2006, 132, 345-352.	2.0	82
4	Building evaluation methodology for setting maintenance priorities in hospital buildings. <i>Construction Management and Economics</i> , 2003, 21, 681-692.	1.8	78
5	Deterioration patterns of building cladding components for maintenance management. <i>Construction Management and Economics</i> , 2002, 20, 305-314.	1.8	72
6	Decision support model for semi-automated selection of renovation alternatives. <i>Automation in Construction</i> , 1999, 8, 503-510.	4.8	71
7	Integrated maintenance monitoring of hospital buildings. <i>Construction Management and Economics</i> , 2003, 21, 219-228.	1.8	67
8	Communication Patterns in Construction at Construction Manager Level. <i>Journal of Construction Engineering and Management - ASCE</i> , 2003, 129, 570-577.	2.0	52
9	Key performance indicators for maintenance of health care facilities. <i>Facilities</i> , 2003, 21, 5-12.	0.8	47
10	Assessing the Lifecycle Sustainability Costs and Benefits of Seismic Mitigation Designs for Buildings. <i>Journal of Architectural Engineering</i> , 2016, 22, .	0.8	45
11	Integrated healthcare facilities maintenance management model: case studies. <i>Facilities</i> , 2009, 27, 107-119.	0.8	41
12	Application of key performance indicators for maintenance management of clinics facilities. <i>International Journal of Strategic Property Management</i> , 2017, 21, 58-71.	0.8	41
13	Integrating epidemiological and engineering approaches in the assessment of human casualties in earthquakes. <i>Natural Hazards</i> , 2015, 78, 1447-1462.	1.6	38
14	Service life prediction of exterior cladding components under failure conditions. <i>Construction Management and Economics</i> , 2006, 24, 131-148.	1.8	37
15	On the effect of service life conditions on the maintenance costs of healthcare facilities. <i>Construction Management and Economics</i> , 2007, 25, 1087-1098.	1.8	37
16	Development of an integrated healthcare facilities management model. <i>Facilities</i> , 2004, 22, 129-140.	0.8	33
17	Lifecycle Environmental Performance of Natural-Hazard Mitigation for Buildings. <i>Journal of Performance of Constructed Facilities</i> , 2016, 30, .	1.0	32
18	Decision Support Model for the Allocation of Resources in Rehabilitation Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2004, 130, 249-257.	2.0	31

#	ARTICLE	IF	CITATIONS
19	Computer-Aided Healthcare Facility Management. Journal of Computing in Civil Engineering, 2007, 21, 363-372.	2.5	31
20	Optimal allocation of resources in construction safety: Analytical-empirical model. Safety Science, 2018, 104, 231-238.	2.6	30
21	Exterior Cladding Methods: A Technoeconomic Analysis. Journal of Construction Engineering and Management - ASCE, 1996, 122, 242-247.	2.0	29
22	Integrated maintenance management of hospital buildings: a case study. Construction Management and Economics, 2004, 22, 25-34.	1.8	28
23	Damage in Critical Infrastructures Due to Natural and Man-made Extreme Events – A Critical Review. Procedia Engineering, 2014, 85, 529-535.	1.2	26
24	Integrated Communication, Control, and Command of Construction Safety and Quality. Journal of Construction Engineering and Management - ASCE, 2019, 145, .	2.0	26
25	Enterprise resource planning system for performance-based-maintenance of clinics. Automation in Construction, 2016, 65, 33-41.	4.8	25
26	A STRATEGIC INTEGRATED HEALTHCARE FACILITY MANAGEMENT MODEL. International Journal of Strategic Property Management, 2007, 11, 125-142.	0.8	22
27	Facility maintenance and management: a health care case study. International Journal of Strategic Property Management, 2017, 21, 170-182.	0.8	21
28	Probabilistic Risk Assessment of Oil and Gas Infrastructures for Seismic Extreme Events. Procedia Engineering, 2015, 123, 590-598.	1.2	20
29	Loss and damage assessment in critical infrastructures due to extreme events. Safety Science, 2022, 147, 105587.	2.6	17
30	PERFORMANCE-BASED-MAINTENANCE: A COMPARATIVE STUDY BETWEEN THE NETHERLANDS AND ISRAEL. International Journal of Strategic Property Management, 2013, 17, 199-209.	0.8	11
31	Assessment of Casualty and Economic Losses from Earthquakes Using Semi-empirical Model. Procedia Engineering, 2015, 123, 599-605.	1.2	11
32	Performance-Based Maintenance of Public Facilities: Principles and Implementation in Courthouses. Journal of Performance of Constructed Facilities, 2016, 30, .	1.0	11
33	Span of Control of Construction Foreman: Situational Analysis. Journal of Construction Engineering and Management - ASCE, 1991, 117, 90-105.	2.0	10
34	Integrated Building Maintenance and Safety Framework: Educational and Public Facilities Case Study. Buildings, 2022, 12, 770.	1.4	9
35	Robotic mapping of building interior – precision analysis. Automation in Construction, 1997, 7, 1-12.	4.8	8
36	Flat roofing systems: towards integrated techno-economic analysis. Building Research and Information, 2004, 32, 165-173.	2.0	8

#	ARTICLE	IF	CITATIONS
37	Benefit-Cost Analysis of the Seismic Risk Mitigation for a Region with Moderate Seismicity: The Case of Tiberias, Israel. <i>Procedia Engineering</i> , 2014, 85, 536-542.	1.2	7
38	Assessment of Terrorism Risk to Critical Infrastructures: The Case of a Power-Supply Substation. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7162.	1.3	5
39	A methodology of risk assessment, management, and coping actions for nuclear power plant (NPP) hit by high-explosive warheads. <i>Advanced Engineering Informatics</i> , 2020, 46, 101192.	4.0	5
40	Risk-based resilience concentration assessment of community to seismic hazards. <i>Natural Hazards</i> , 2021, 108, 1731-1751.	1.6	5
41	An approach to minimize robotics system development and integration time. , 0, , .		4
42	Economic Feasibility Analysis of Pre-earthquake Strengthening of Buildings in a Moderate Seismicity / High Vulnerability Area. <i>Procedia Economics and Finance</i> , 2014, 18, 143-150.	0.6	4
43	PUBLIC-PRIVATE PARTNERSHIP FOR EARTHQUAKE MITIGATION INVOLVING RETROFIT AND INSURANCE. <i>Technological and Economic Development of Economy</i> , 2017, 23, 810-826.	2.3	4
44	Probabilistic risk appraisal and mitigation of critical infrastructures for seismic extreme events. , 2018, , .		4
45	Development of Exclusive Seismic Fragility Curves for Critical Infrastructure: An Oil Pumping Station Case Study. <i>Buildings</i> , 2022, 12, 842.	1.4	4
46	Automated sensor-driven mapping of reinforcement bars. <i>Automation in Construction</i> , 2002, 11, 391-407.	4.8	2
47	Decision Support System for Waterproofing of Below-Grade Structures. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2005, 20, 206-220.	6.3	1
48	AN INTELLIGENT TASK-PLANNING SYSTEM FOR AUTONOMOUS INTERIOR-ROBOTS. , 1994, , 305-312.		1
49	A Methodology for Risk Assessment and Management for Nuclear Power Plant SMR Hit by High Explosive Warheads. , 2020, , .		1