

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	Loss and damage assessment in critical infrastructures due to extreme events. Safety Science, 2022, 147, 105587.	2.6	17
2	Integrated Building Maintenance and Safety Framework: Educational and Public Facilities Case Study. Buildings, 2022, 12, 770.	1.4	9
3	Development of Exclusive Seismic Fragility Curves for Critical Infrastructure: An Oil Pumping Station Case Study. Buildings, 2022, 12, 842.	1.4	4
4	Risk-based resilience concentration assessment of community to seismic hazards. Natural Hazards, 2021, 108, 1731-1751.	1.6	5
5	Assessment of Terrorism Risk to Critical Infrastructures: The Case of a Power-Supply Substation. Applied Sciences (Switzerland), 2020, 10, 7162.	1.3	5
6	A methodology of risk assessment, management, and coping actions for nuclear power plant (NPP) hit by high-explosive warheads. Advanced Engineering Informatics, 2020, 46, 101192.	4.0	5
7	A Methodology for Risk Assessment and Management for Nuclear Power Plant SMR Hit by High Explosive Warheads. , 2020, , .		1
8	Integrated Communication, Control, and Command of Construction Safety and Quality. Journal of Construction Engineering and Management - ASCE, 2019, 145, .	2.0	26
9	Optimal allocation of resources in construction safety: Analytical-empirical model. Safety Science, 2018, 104, 231-238.	2.6	30
10	Probabilistic risk appraisal and mitigation of critical infrastructures for seismic extreme events. , 2018, , .		4
11	Application of key performance indicators for maintenance management of clinics facilities. International Journal of Strategic Property Management, 2017, 21, 58-71.	0.8	41
12	Facility maintenance and management: a health care case study. International Journal of Strategic Property Management, 2017, 21, 170-182.	0.8	21
13	PUBLIC-PRIVATE PARTNERSHIP FOR EARTHQUAKE MITIGATION INVOLVING RETROFIT AND INSURANCE. Technological and Economic Development of Economy, 2017, 23, 810-826.	2.3	4
14	Assessing the Lifecycle Sustainability Costs and Benefits of Seismic Mitigation Designs for Buildings. Journal of Architectural Engineering, 2016, 22, .	0.8	45
15	Enterprise resource planning system for performance-based-maintenance of clinics. Automation in Construction, 2016, 65, 33-41.	4.8	25
16	Lifecycle Environmental Performance of Natural-Hazard Mitigation for Buildings. Journal of Performance of Constructed Facilities, 2016, 30, .	1.0	32
17	Performance-Based Maintenance of Public Facilities: Principles and Implementation in Courthouses. Journal of Performance of Constructed Facilities, 2016, 30, .	1.0	11
18	Assessment of Casualty and Economic Losses from Earthquakes Using Semi-empirical Model. Procedia Engineering, 2015, 123, 599-605.	1.2	11

#	ARTICLE	IF	CITATIONS
19	Integrating epidemiological and engineering approaches in the assessment of human casualties in earthquakes. <i>Natural Hazards</i> , 2015, 78, 1447-1462.	1.6	38
20	Probabilistic Risk Assessment of Oil and Gas Infrastructures for Seismic Extreme Events. <i>Procedia Engineering</i> , 2015, 123, 590-598.	1.2	20
21	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
22	Damage in Critical Infrastructures Due to Natural and Man-made Extreme Events – A Critical Review. <i>Procedia Engineering</i> , 2014, 85, 529-535.	1.2	26
23	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
24	PERFORMANCE-BASED-MAINTENANCE: A COMPARATIVE STUDY BETWEEN THE NETHERLANDS AND ISRAEL. <i>International Journal of Strategic Property Management</i> , 2013, 17, 199-209.	0.8	11
25	Integrated healthcare facilities maintenance management model: case studies. <i>Facilities</i> , 2009, 27, 107-119.	0.8	41
26	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
27	Computer-Aided Healthcare Facility Management. <i>Journal of Computing in Civil Engineering</i> , 2007, 21, 363-372.	2.5	31
28	A STRATEGIC INTEGRATED HEALTHCARE FACILITY MANAGEMENT MODEL. <i>International Journal of Strategic Property Management</i> , 2007, 11, 125-142.	0.8	22
29	Key Performance Indicators for Strategic Healthcare Facilities Maintenance. <i>Journal of Construction Engineering and Management - ASCE</i> , 2006, 132, 345-352.	2.0	82
30	Service life prediction of exterior cladding components under failure conditions. <i>Construction Management and Economics</i> , 2006, 24, 131-148.	1.8	37
31	Decision Support System for Waterproofing of Below-Grade Structures. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2005, 20, 206-220.	6.3	1
32	Flat roofing systems: towards integrated techno-economic analysis. <i>Building Research and Information</i> , 2004, 32, 165-173.	2.0	8
33	Healthcare facilities management: state of the art review. <i>Facilities</i> , 2004, 22, 210-220.	0.8	105
34	Service life prediction of exterior cladding components under standard conditions. <i>Construction Management and Economics</i> , 2004, 22, 1081-1090.	1.8	88
35	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
36	Integrated maintenance management of hospital buildings: a case study. <i>Construction Management and Economics</i> , 2004, 22, 25-34.	1.8	28

#	ARTICLE	IF	CITATIONS
37	Development of an integrated healthcare facilities management model. Facilities, 2004, 22, 129-140.	0.8	33
38	Building evaluation methodology for setting maintenance priorities in hospital buildings. Construction Management and Economics, 2003, 21, 681-692.	1.8	78
39	Communication Patterns in Construction at Construction Manager Level. Journal of Construction Engineering and Management - ASCE, 2003, 129, 570-577.	2.0	52
40	Integrated maintenance monitoring of hospital buildings. Construction Management and Economics, 2003, 21, 219-228.	1.8	67
41	Key performance indicators for maintenance of healthâ€care facilities. Facilities, 2003, 21, 5-12.	0.8	47
42	Deterioration patterns of building cladding components for maintenance management. Construction Management and Economics, 2002, 20, 305-314.	1.8	72
43	Automated sensor-driven mapping of reinforcement bars. Automation in Construction, 2002, 11, 391-407.	4.8	2
44	Decision support model for semi-automated selection of renovation alternatives. Automation in Construction, 1999, 8, 503-510.	4.8	71
45	Robotic mapping of building interiorâ€™ precision analysis. Automation in Construction, 1997, 7, 1-12.	4.8	8
46	Exterior Cladding Methods: A Technoeconomic Analysis. Journal of Construction Engineering and Management - ASCE, 1996, 122, 242-247.	2.0	29
47	AN INTELLIGENT TASK-PLANNING SYSTEM FOR AUTONOMOUS INTERIOR-ROBOTS. , 1994, , 305-312.		1
48	Span of Control of Construction Foreman: Situational Analysis. Journal of Construction Engineering and Management - ASCE, 1991, 117, 90-105.	2.0	10
49	An approach to minimize robotics system development and integration time. , 0, , .		4