Buthayna Hasan Eilouti

List of Publications by Year
in descending order

26 papers	**203** citations	1163117 **8** h-index	1125743 **13** g-index
26 all docs	**26** docs citations	**26** times ranked	**93** citing authors

#	Article	IF	Citations
1	Design knowledge recycling using precedent-based analysis and synthesis models. Design Studies, 2009, 30, 340-368.	3.1	61
2	Scenario-based design: New applications in metamorphic architecture. Frontiers of Architectural Research, 2018, 7, 530-543.	2.8	17
3	Concept evolution in architectural design: an octonary framework. Frontiers of Architectural Research, 2018, 7, 180-196.	2.8	15
4	Shape grammars as a reverse engineering method for the morphogenesis of architectural faÃ§ade design. Frontiers of Architectural Research, 2019, 8, 191-200.	2.8	13
5	A Generative System for Mamluk Madrasa Form-Making. Nexus Network Journal, 2007, 9, 7-30.	0.7	12
6	A problem-based learning project for computer-supported architectural design pedagogy. Art, Design and Communication in Higher Education, 2007, 5, 197-212.	0.2	11
7	Shape Grammars of Traditional Damascene Houses. International Journal of Architectural Heritage, 2012, 6, 415-435.	3.1	11
8	Sinan and Palladio: A comparative morphological analysis of two sacred precedents. Frontiers of Architectural Research, 2017, 6, 231-247.	2.8	10
9	A Formal Language for Palladian Palazzo FaÃ§ades Represented by a String Recognition Device. Nexus Network Journal, 2008, 10, 245-268.	0.7	7
10	Sinan and Palladio: Two Cultures and Nine Squares. International Journal of Architectural Heritage, 2012, 6, 1-18.	3.1	7
11	A Computer-Aided Rule-Based Mamluk Madrasa Plan Generator. Nexus Network Journal, 2007, 9, 31-58.	0.7	6
12	Reinventing the wheel: A tool for design quality evaluation in architecture. Frontiers of Architectural Research, 2020, 9, 148-168.	2.8	5
13	A Framework for Integrating Ergonomics Into Architectural Design. Ergonomics in Design, 2023, 31, 4-12.	0.7	5
14	Finite state automata as form-generation and visualization tools. , 0, , .		4
15	Form follows users: a framework for system-based design. Architectural Engineering and Design Management, 2022, 18, 204-225.	1.7	3
16	Enhancement of Systematic Design Processing by Diagrams. Architectoni Ca, 2012, 1, 83-94.	0.0	3
17	Concept as a Bridge between Abstraction and Concretization in Design Knowledge Visualization. , 2018, , .		2
18	Models for Concept Derivation and Materialization in Design Management. International Journal of Art Culture and Design Technologies, 2019, 8, 51-67.	0.1	2

#	Article	IF	Citations
19	Diagrams as Design Catalysts. Design Principles and Practices, 2010, 4, 217-232.	0.7	2
20	A Hybrid Framework of Computer-aided Instruction and Problem-based Learning for Metamorphic Design Pedagogy. International Journal of Design Education, 2018, 13, 29-46.	0.1	2
21	From Concept to Space: A Tool for Mapping Concepts into Products in Interior Design. International Journal of Design Education, 2020, 14, 49-66.	0.1	2
22	A framework for managing conceptual design process. Art, Design and Communication in Higher Education, 2021, 20, 223-242.	0.2	2
23	Concept as the DNA for Morphogenesis. Advances in Media, Entertainment and the Arts, 2018, , 283-309.	0.1	1
24	A language-driven reverse-engineering tool for the analysis of architectural precedents: A Palladian case study. Spatium, 2021, , 21-33.	0.4	0
25	Methods and Results in Design Evaluation: Reduction of Discrepancies in Scores. International Journal of Design Education, 2020, 15, 65-79.	0.1	0
26	A New Model for Design Evaluation in Architecture. International Journal of Design Education, 2020, 15, 1-17.	0.1	0