

Amir Tabadkani

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15 papers	246 citations	8 h-index	15 g-index
16 ext. papers	397 ext. citations	6.1 avg, IF	4.23 L-index

#	Paper	IF	Citations
15	Courtyard design impact on indoor thermal comfort and utility costs for residential households: Comparative analysis and deep-learning predictive model. <i>Frontiers of Architectural Research</i> , 2022 ,	2.3	1
14	Simulation-based personalized real-time control of adaptive facades in shared office spaces. <i>Automation in Construction</i> , 2022 , 138, 104246	9.6	0
13	Comparison of Thermal Energy Saving Potential and Overheating Risk of Four Adaptive Façade Technologies in Office Buildings. <i>Sustainability</i> , 2022 , 14, 6106	3.6	1
12	Virtual reality-based digitisation for endangered heritage sites: Theoretical framework and application. <i>Journal of Cultural Heritage</i> , 2021 , 49, 140-151	2.9	3
11	Daylight in Buildings and Visual Comfort Evaluation: the Advantages and Limitations. <i>Journal of Daylighting</i> , 2021 , 8, 181-203	1.6	2
10	A review of occupant-centric control strategies for adaptive facades. <i>Automation in Construction</i> , 2021 , 122, 103464	9.6	4
9	Design approaches and typologies of adaptive facades: A review. <i>Automation in Construction</i> , 2021 , 121, 103450	9.6	26
8	Analysis of the impact of automatic shading control scenarios on occupant's comfort and energy load. <i>Applied Energy</i> , 2021 , 294, 116904	10.7	8
7	Innovative control approaches to assess energy implications of adaptive facades based on simulation using EnergyPlus. <i>Solar Energy</i> , 2020 , 206, 256-268	6.8	13
6	A simulation-based model for courtyard housing design based on adaptive thermal comfort. <i>Journal of Building Engineering</i> , 2020 , 31, 101335	5.2	19
5	A review of automatic control strategies based on simulations for adaptive facades. <i>Building and Environment</i> , 2020 , 175, 106801	6.5	21
4	Integrated parametric design of adaptive facades for user's visual comfort. <i>Automation in Construction</i> , 2019 , 106, 102857	9.6	51
3	Daylighting and visual comfort of oriental sun responsive skins: A parametric analysis. <i>Building Simulation</i> , 2018 , 11, 663-676	3.9	32
2	Integration of parametric design into modular coordination: A construction waste reduction workflow. <i>Automation in Construction</i> , 2018 , 88, 1-12	9.6	54
1	Modular Coordination-based Generative Algorithm to Optimize Construction Waste. <i>Procedia Engineering</i> , 2017 , 180, 631-639		11