

# Ardeshir

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

758  
citations

623734

14  
h-index

526287

27  
g-index

36  
all docs

36  
docs citations

36  
times ranked

851  
citing authors

#	ARTICLE	IF	CITATIONS
1	Occupants' operation of lighting and shading systems in office buildings. <i>Journal of Building Performance Simulation</i> , 2008, 1, 57-65.	2.0	143
2	Implications of employing detailed urban canopy parameters for mesoscale climate modelling: a comparison between WUDAPT and GIS databases over Vienna, Austria. <i>International Journal of Climatology</i> , 2018, 38, e1241.	3.5	98
3	Computing diffuse fraction of global horizontal solar radiation: A model comparison. <i>Solar Energy</i> , 2012, 86, 1796-1802.	6.1	86
4	A preliminary study of representing the inter-occupant diversity in occupant modelling. <i>Journal of Building Performance Simulation</i> , 2017, 10, 509-526.	2.0	52
5	Predictive simulation-based lighting and shading systems control in buildings. <i>Building Simulation</i> , 2008, 1, 25-35.	5.6	42
6	The sensitivity of building performance simulation results to the choice of occupants'™ presence models: a case study. <i>Journal of Building Performance Simulation</i> , 2017, 10, 625-635.	2.0	36
7	Subjective Evaluation of Architectural Lighting via Computationally Rendered Images. <i>Leukos</i> , 2002, 31, 11-20.	0.3	34
8	The deployment-dependence of occupancy-related models in building performance simulation. <i>Energy and Buildings</i> , 2016, 117, 313-320.	6.7	30
9	A performance assessment of an office space with displacement, personal, and natural ventilation systems. <i>Building Simulation</i> , 2016, 9, 89-100.	5.6	21
10	On the quality evaluation of behavioural models for building performance applications. <i>Journal of Building Performance Simulation</i> , 2017, 10, 554-564.	2.0	21
11	The Extent and Implications of the Microclimatic Conditions in the Urban Environment: A Vienna Case Study. <i>Sustainability</i> , 2017, 9, 177.	3.2	18
12	In the matter of simulation and buildings: some critical reflections. <i>Journal of Building Performance Simulation</i> , 2020, 13, 26-33.	2.0	18
13	Necessary Conditions for Multi-Domain Indoor Environmental Quality Standards. <i>Sustainability</i> , 2020, 12, 8439.	3.2	16
14	Shading and lighting operation in office buildings in Austria: A study of user control behavior. <i>Building Simulation</i> , 2008, 1, 111-117.	5.6	15
15	Harnessing buildings'™ operational diversity in a computational framework for high-resolution urban energy modeling. <i>Building Simulation</i> , 2017, 10, 1005-1021.	5.6	14
16	Urban weather modeling applications: A Vienna case study. <i>Building Simulation</i> , 2020, 13, 99-111.	5.6	14
17	A CFD-Based Parametric Thermal Performance Analysis of Supply Air Ventilated Windows. <i>Energies</i> , 2021, 14, 2420.	3.1	12
18	A comparison of luminous efficacy models based on data from Vienna, Austria. <i>Building Simulation</i> , 2011, 4, 183-188.	5.6	11

#	ARTICLE	IF	CITATIONS
19	Strategies for Development and Improvement of the Urban Fabric: A Vienna Case Study. <i>Climate</i> , 2018, 6, 7.	2.8	11
20	Measurements and predictions of room acoustics in atria. <i>Journal of Building Performance Simulation</i> , 2008, 1, 67-74.	2.0	8
21	Performance evaluation of traditional bath buildings via empirically tested simulation models. <i>Journal of Building Performance Simulation</i> , 2011, 4, 63-74.	2.0	8
22	A simple model for the derivation of illuminance values from global solar radiation data. <i>Building Simulation</i> , 2013, 6, 379-383.	5.6	8
23	Monitored data on occupants'™ presence and actions in an office building. <i>Scientific Data</i> , 2019, 6, 290.	5.3	8
24	Approaches to computing irradiance on building surfaces. <i>Journal of Building Performance Simulation</i> , 2010, 3, 129-134.	2.0	6
25	Stochastic models of occupants'™ presence in the context building systems control. <i>Advances in Building Energy Research</i> , 2016, 10, 1-9.	2.3	5
26	The trouble with 'HIM'™: new challenges and old misconceptions in human information modelling. <i>Journal of Building Performance Simulation</i> , 2021, 14, 611-618.	2.0	5
27	Measurement and simulation of room acoustics parameters in traditional and modern bath buildings. <i>Building Simulation</i> , 2008, 1, 223-233.	5.6	3
28	SEMERGY.net: automatically identifying and optimizing energy-efficient building designs. <i>Computer Science - Research and Development</i> , 2016, 31, 135-140.	2.7	3
29	Sound propagation in urban canyons: a case study of simulation reliability. <i>Journal of Building Performance Simulation</i> , 2019, 12, 363-377.	2.0	3
30	Documenting occupant models for building performance simulation: a state-of-the-art. <i>Journal of Building Performance Simulation</i> , 2022, 15, 634-655.	2.0	3
31	Special issue on the microclimatic boundary conditions in building simulation models. <i>Journal of Building Performance Simulation</i> , 2020, 13, 137-138.	2.0	2
32	A structured approach to the evaluation of indoor environments'™ ecological valency. <i>International Journal of Ventilation</i> , 2021, 20, 236-247.	0.4	1
33	A Web-Based 3D Simulation Platform Aimed at Policy Makers for Estimating the Effects of Urban Heat Islands. <i>Slovak Journal of Civil Engineering</i> , 2020, 28, 18-22.	0.5	1
34	Sensors and Sensor Networks in Agriculture, Architecture, and Civil Engineering. <i>International Journal of Distributed Sensor Networks</i> , 2015, 11, 839167.	2.2	0
35	An Investigation of the Implications of Visual Impairment for Illumination Requirements. <i>Journal of Visual Impairment and Blindness</i> , 0, , 0145482X2210902.	0.7	0