

Andr © Potvin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7918050/publications.pdf>

Version: 2024-02-01

23
papers

181
citations

1162367

8
h-index

1199166

12
g-index

25
all docs

25
docs citations

25
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Biophilia in school buildings: towards a simplified assessment method based on spatial geometry. <i>Architectural Engineering and Design Management</i> , 2022, 18, 434-452.	1.2	2
2	Biophilic school architecture in cold climates. <i>Indoor and Built Environment</i> , 2021, 30, 585-605.	1.5	9
3	Biophilic, photobiological and energy-efficient design framework of adaptive building façades for Northern Canada. <i>Indoor and Built Environment</i> , 2021, 30, 665-691.	1.5	11
4	Ambiance Partition: An Interdisciplinary Reading, Measurement, and Notation of in Situ Experiences. <i>Springer Tracts in Civil Engineering</i> , 2021, , 223-240.	0.3	2
5	Biophilic photobiological adaptive envelopes for sub-Arctic buildings: Exploring impacts of window sizes and shading panels' color, reflectance, and configuration. <i>Solar Energy</i> , 2021, 220, 802-827.	2.9	11
6	Interior-Exterior Ambiances: Environmental Transitions in the Recollection of an Urban Stroll. <i>Springer Tracts in Civil Engineering</i> , 2021, , 243-257.	0.3	2
7	Window View Access in Architecture: Spatial Visualization and Probability Evaluations Based on Human Vision Fields and Biophilia. <i>Buildings</i> , 2021, 11, 627.	1.4	6
8	Human-centric lighting performance of shading panels in architecture: A benchmarking study with lab scale physical models under real skies. <i>Solar Energy</i> , 2020, 204, 354-368.	2.9	16
9	Spatial representations of melanopic light in architecture. <i>Architectural Science Review</i> , 2020, , 1-12.	1.1	1
10	A photobiological approach to biophilic design in extreme climates. <i>Building and Environment</i> , 2019, 154, 211-226.	3.0	30
11	Aquilomorphism: materializing wind in architecture through ice weathering simulations. <i>Architectural Science Review</i> , 2019, 62, 182-192.	1.1	2
12	Modeling the impact of assembly tolerances regarding air leaks on the energy efficiency and durability of a cross-laminated timber structure. <i>BioResources</i> , 2019, 14, 518-536.	0.5	3
13	Patchwork Gridshells: Using Modularity to Facilitate Prefabrication and Simplify Construction. <i>Journal of the International Association for Shell and Spatial Structures</i> , 2019, 60, 176-188.	0.3	2
14	Spatio-temporal promenades as representations of urban atmospheres. <i>Sustainable Cities and Society</i> , 2018, 42, 674-687.	5.1	11
15	Erosion in architecture: a tactile design process fostering biophilia. <i>Architectural Science Review</i> , 2017, 60, 325-342.	1.1	9
16	A post-occupancy evaluation of the influence of wood on environmental comfort. <i>BioResources</i> , 2017, 12, 8704-8724.	0.5	12
17	Wood and Comfort: A Comparative Case Study of Two Multifunctional Rooms. <i>BioResources</i> , 2016, 12, .	0.5	3
18	Experiencing Wooden Ambiances with Nordic Light: Scale Model Comparative Studies under Real Skies. <i>BioResources</i> , 2016, 12, .	0.5	11

#	ARTICLE	IF	CITATIONS
19	De l'histoire à l'imagination architecturale. Un laboratoire d'ambiances physiques pour interpréter les expériences sensorielles du passé et spéculer sur de futurs espaces. <i>Ambiances</i> , 2016, , .	0.2	9
20	Design support tools to sustain climate change adaptation at the local level: A review and reflection on their suitability. <i>Frontiers of Architectural Research</i> , 2015, 4, 1-11.	1.3	13
21	The arcade environment. <i>Architectural Research Quarterly</i> , 1997, 2, 64-79.	0.1	12
22	Towards a biophilic experience representation tool (BERT) for architectural walkthroughs: a pilot study in two Canadian primary schools. <i>Intelligent Buildings International</i> , 0, , 1-18.	1.3	1
23	Design vocabulary and schemas for biophilic experiences in cold climate schools. <i>Architectural Science Review</i> , 0, , 1-19.	1.1	1