Claude M H Demers

List of Publications by Year in Descending Order

18 papers	97 citations	6 h-index	9 g-index
20 ext. papers	109 ext. citations	2.4 avg, IF	3.09 L-index

#	Paper	IF	Citations
18	Biophilic photobiological adaptive envelopes for sub-Arctic buildings: Exploring impacts of window sizes and shading panels□color, reflectance, and configuration. *Solar Energy*, **2021**, 220, 802-827	6.8	5
17	Biophilic school architecture in cold climates. *Indoor and Built Environment*, **2021**, 30, 585-605	1.8	5
16	Ambiance Partition: An Interdisciplinary Reading, Measurement, and Notation of in Situ Experiences. *Springer Tracts in Civil Engineering*, **2021**, 223-240	0.4	2
15	Interior-Exterior Ambiances: Environmental Transitions in the Recollection of an Urban Stroll. *Springer Tracts in Civil Engineering*, **2021**, 243-257	0.4	2
14	Window View Access in Architecture: Spatial Visualization and Probability Evaluations Based on Human Vision Fields and Biophilia. *Buildings*, **2021**, 11, 627	3.2	1
13	Spatial representations of melanopic light in architecture. *Architectural Science Review*, **2020**, 1-12	2.6	
12	Lighting in the third dimension: laser scanning as an architectural survey and representation method. *Intelligent Buildings International*, **2020**, 1-17	1.7	4
11	Aquilomorphism: materializing wind in architecture through ice weathering simulations. *Architectural Science Review*, **2019**, 62, 182-192	2.6	0
10	Spatio-temporal promenades as representations of urban atmospheres. *Sustainable Cities and Society*, **2018**, 42, 674-687	10.1	8
9	Erosion in architecture: a tactile design process fostering biophilia. *Architectural Science Review*, **2017**, 60, 325-342	2.6	7
8	Thermal comfort and comparison of some parameters coming from hospitals and shopping centers under natural ventilation: The case of Madagascar Island. *Journal of Building Engineering*, **2017**, 13, 196-206	5.2	32
7	A post-occupancy evaluation of the influence of wood on environmental comfort. *BioResources*, **2017**, 12, 8704-8724	1.3	6
6	Wood and Comfort: A Comparative Case Study of Two Multifunctional Rooms. *BioResources*, **2016**, 12,	1.3	3
5	Experiencing Wooden Ambiences with Nordic Light: Scale Model Comparative Studies under Real Skies. *BioResources*, **2016**, 12,	1.3	10
4	Impact of Indoor Use of Wood on the Quality of Interior Ambiances under Overcast and Clear Skies: Case Study of the Eugene H. Kruger Building, Québec City. *BioResources*, **2015**, 11,	1.3	8
3	Towards a biophilic experience representation tool (BERT) for architectural walkthroughs: a pilot study in two Canadian primary schools. *Intelligent Buildings International*,1-18	1.7	1
2	Design vocabulary and schemas for biophilic experiences in cold climate schools. *Architectural Science Review*,1-19	2.6	1

List of Publications

1	Biophilia in school buildings: towards a simplified assessment method based on spatial geometry. *Architectural Engineering and Design Management*,1-19	1.2	1