Andrew M Mcneil

List of Publications by Year
in descending order

11	489	932766 10	1281420 11
papers	citations	h-index	g-index

11	11	11	386
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A validation of the Radiance three-phase simulation method for modelling annual daylight performance of optically complex fenestration systems. Journal of Building Performance Simulation, 2013, 6, 24-37.	1.0	121
2	A validation of a ray-tracing tool used to generate bi-directional scattering distribution functions for complex fenestration systems. Solar Energy, 2013, 98, 404-414.	2.9	76
3	Balancing daylight, glare, and energy-efficiency goals: An evaluation of exterior coplanar shading systems using complex fenestration modeling tools. Energy and Buildings, 2016, 112, 279-298.	3.1	70
4	Monitored lighting energy savings from dimmable lighting controls in The New York Times Headquarters Building. Energy and Buildings, 2014, 68, 498-514.	3.1	46
5	U.S. energy savings potential from dynamic daylighting control glazings. Energy and Buildings, 2013, 66, 415-423.	3.1	45
6	Daylight performance of a microstructured prismatic window film in deep open plan offices. Building and Environment, 2017, 113, 280-297.	3.0	34
7	Angular selective window systems: Assessment of technical potential for energy savings. Energy and Buildings, 2015, 90, 188-206.	3.1	33
8	An hourly based performance comparison of an integrated micro-structural perforated shading screen with standard shading systems. Energy and Buildings, 2012, 50, 166-176.	3.1	26
9	Empirical Assessment of a Prismatic Daylight-Redirecting Window Film in a Full-Scale Office Testbed. LEUKOS - Journal of Illuminating Engineering Society of North America, 2014, 10, 19-45.	1.5	17
10	Acceleration of the matrix multiplication of Radiance three phase daylighting simulations with parallel computing on heterogeneous hardware of personal computer. Journal of Building Performance Simulation, 2014, 7, 152-163.	1.0	15
11	Assessment of the Potential to Achieve very Low Energy Use in Public Buildings in China with Advanced Window and Shading Systems. Buildings, 2015, 5, 668-699.	1.4	6