

# Andrew M Mcneil

## List of Publications by Citations

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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.

11  
papers

369  
citations

10  
h-index

11  
g-index

11  
ext. papers

413  
ext. citations

5.4  
avg, IF

3.54  
L-index

#	Paper	IF	Citations
11	A validation of the Radiance three-phase simulation method for modelling annual daylight performance of optically complex fenestration systems. <i>Journal of Building Performance Simulation</i> , <b>2013</b> , 6, 24-37	2.8	85
10	A validation of a ray-tracing tool used to generate bi-directional scattering distribution functions for complex fenestration systems. <i>Solar Energy</i> , <b>2013</b> , 98, 404-414	6.8	58
9	Balancing daylight, glare, and energy-efficiency goals: An evaluation of exterior coplanar shading systems using complex fenestration modeling tools. <i>Energy and Buildings</i> , <b>2016</b> , 112, 279-298	7	48
8	Monitored lighting energy savings from dimmable lighting controls in The New York Times Headquarters Building. <i>Energy and Buildings</i> , <b>2014</b> , 68, 498-514	7	39
7	U.S. energy savings potential from dynamic daylighting control glazings. <i>Energy and Buildings</i> , <b>2013</b> , 66, 415-423	7	39
6	Angular selective window systems: Assessment of technical potential for energy savings. <i>Energy and Buildings</i> , <b>2015</b> , 90, 188-206	7	27
5	Daylight performance of a microstructured prismatic window film in deep open plan offices. <i>Building and Environment</i> , <b>2017</b> , 113, 280-297	6.5	24
4	An hourly based performance comparison of an integrated micro-structural perforated shading screen with standard shading systems. <i>Energy and Buildings</i> , <b>2012</b> , 50, 166-176	7	21
3	Empirical Assessment of a Prismatic Daylight-Redirecting Window Film in a Full-Scale Office Testbed. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , <b>2014</b> , 10, 19-45	3.5	14
2	Acceleration of the matrix multiplication of Radiance three phase daylighting simulations with parallel computing on heterogeneous hardware of personal computer. <i>Journal of Building Performance Simulation</i> , <b>2014</b> , 7, 152-163	2.8	10
1	Assessment of the Potential to Achieve very Low Energy Use in Public Buildings in China with Advanced Window and Shading Systems. <i>Buildings</i> , <b>2015</b> , 5, 668-699	3.2	4