

Doris Abigail Chi Pool

List of Publications by Year in Descending Order

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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.

9

papers

91

citations

4

h-index

9

g-index

10

ext. papers

121

ext. citations

3.8

avg, IF

2.98

L-index

#	Paper	IF	Citations
9	Solar energy density as a benchmark to improve daylight availability and energy performance in buildings: A single metric for a single-objective optimization. <i>Solar Energy</i> , 2022 , 234, 304-318	6.8	0
8	Parametric Design and Comfort Optimization of Dynamic Shading Structures. <i>Sustainability</i> , 2021 , 13, 7670	3.6	1
7	Impact of perforated solar screens on daylight availability and low energy use in offices. <i>Advances in Building Energy Research</i> , 2021 , 15, 117-141	1.8	4
6	Assessment of angular visual transmittance of Perforated Masonry Walls patterns employed as solar shading systems. <i>Solar Energy</i> , 2021 , 213, 361-382	6.8	0
5	A Comprehensive Evaluation of Perforated Façades for Daylighting and Solar Shading Performance: Effects of Matrix, Thickness and Separation Distance. <i>Journal of Daylighting</i> , 2019 , 6, 97-111	1.6	2
4	Statistical Methods Applied to Optimize Perforated Façade Design for Daylight Availability. <i>Journal of Architectural Engineering</i> , 2019 , 25, 04018034	1.5	3
3	Correlating daylight availability metric with lighting, heating and cooling energy consumptions. <i>Building and Environment</i> , 2018 , 132, 170-180	6.5	31
2	Optimization method for perforated solar screen design to improve daylighting using orthogonal arrays and climate-based daylight modelling. <i>Journal of Building Performance Simulation</i> , 2017 , 10, 144-160	2.8	15
1	Design optimisation of perforated solar façades in order to balance daylighting with thermal performance. <i>Building and Environment</i> , 2017 , 125, 383-400	6.5	35