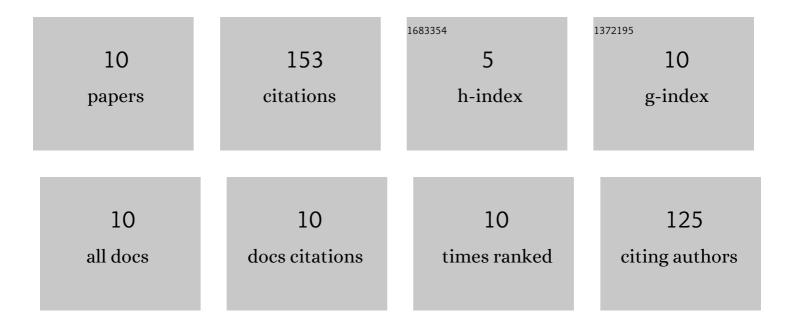
Doris Abigail Chi Pool

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8052845/publications.pdf

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#	Article	IF	CITATIONS
1	Solar energy density as a benchmark to improve daylight availability and energy performance in buildings: A single metric for a single-objective optimization. Solar Energy, 2022, 234, 304-318.	2.9	4
2	Impact of perforated solar screens on daylight availability and low energy use in offices. Advances in Building Energy Research, 2021, 15, 117-141.	1.1	11
3	Assessment of angular visual transmittance of Perforated Masonry Walls patterns employed as solar shading systems. Solar Energy, 2021, 213, 361-382.	2.9	1
4	Parametric Design and Comfort Optimization of Dynamic Shading Structures. Sustainability, 2021, 13, 7670.	1.6	6
5	An Approach to Determine Specific Targets of Daylighting Metrics and Solar Gains for Different Climatic Regions. Journal of Daylighting, 2021, 8, 1-19.	0.5	2
6	Statistical Methods Applied to Optimize Perforated Façade Design for Daylight Availability. Journal of Architectural Engineering, 2019, 25, 04018034.	0.8	4
7	A Comprehensive Evaluation of Perforated Façades for Daylighting and Solar Shading Performance: Effects of Matrix, Thickness and Separation Distance. Journal of Daylighting, 2019, 6, 97-111.	0.5	4
8	Correlating daylight availability metric with lighting, heating and cooling energy consumptions. Building and Environment, 2018, 132, 170-180.	3.0	49
9	Optimization method for perforated solar screen design to improve daylighting using orthogonal arrays and climate-based daylight modelling. Journal of Building Performance Simulation, 2017, 10, 144-160.	1.0	19
10	Design optimisation of perforated solar façades in order to balance daylighting with thermal performance. Building and Environment, 2017, 125, 383-400.	3.0	53