

# Abel Tablada

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8786643/publications.pdf>

Version: 2024-02-01

21  
papers

560  
citations

623574

14  
h-index

887953

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

504  
citing authors

#	ARTICLE	IF	CITATIONS
1	On natural ventilation and thermal comfort in compact urban environments â€” the Old Havana case. <i>Building and Environment</i> , 2009, 44, 1943-1958.	3.0	93
2	Influence of aspect ratio and orientation on large courtyard thermal conditions in the historical centre of Camagüey-Cuba. <i>Renewable Energy</i> , 2018, 125, 840-856.	4.3	53
3	Effect of asymmetrical street canyons on pedestrian thermal comfort in warm-humid climate of Cuba. <i>Theoretical and Applied Climatology</i> , 2018, 133, 663-679.	1.3	44
4	A parametric study of angular road patterns on pedestrian ventilation in high-density urban areas. <i>Building and Environment</i> , 2019, 151, 251-267.	3.0	41
5	Survey on the social acceptance of the productive façade concept integrating photovoltaic and farming systems in high-rise public housing blocks in Singapore. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 111, 197-214.	8.2	38
6	Assessment of approaches for modeling louver shading devices in building energy simulation programs. <i>Energy and Buildings</i> , 2013, 60, 286-297.	3.1	35
7	General model of Photovoltaic (PV) integration into existing public high-rise residential buildings in Singapore â€” Challenges and benefits. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 91, 70-89.	8.2	35
8	Comparing micro-scale weather data to building energy consumption in Singapore. <i>Energy and Buildings</i> , 2017, 152, 776-791.	3.1	34
9	Effects of non-uniform and orthogonal breezeway networks on pedestrian ventilation in Singapore's high-density urban environments. <i>Urban Climate</i> , 2018, 24, 460-484.	2.4	32
10	Architectural quality of the productive façades integrating photovoltaic and vertical farming systems: Survey among experts in Singapore. <i>Frontiers of Architectural Research</i> , 2020, 9, 301-318.	1.3	27
11	Design Optimization of Productive Façades: Integrating Photovoltaic and Farming Systems at the Tropical Technologies Laboratory. <i>Sustainability</i> , 2018, 10, 3762.	1.6	26
12	Effects of vertical farming on natural ventilation of residential buildings. <i>Energy and Buildings</i> , 2019, 185, 316-325.	3.1	23
13	Sunlight availability and potential food and energy self-sufficiency in tropical generic residential districts. <i>Solar Energy</i> , 2016, 139, 757-769.	2.9	21
14	Optimization and Evaluation of Naturally Ventilated BIPV Façade Design. <i>Energy Procedia</i> , 2018, 150, 87-93.	1.8	16
15	An investigation of semi-outdoor learning spaces in the tropics: Spatial settings, thermal environments and user perceptions. <i>Indoor and Built Environment</i> , 2019, 28, 1368-1382.	1.5	14
16	Assessing the influence of street configurations on human thermal conditions in open balconies in the Mediterranean climate. <i>Urban Climate</i> , 2021, 40, 100975.	2.4	12
17	A Holistic Strategy for Successful Photovoltaic (PV) Implementation into Singapore's Built Environment. <i>Sustainability</i> , 2021, 13, 6452.	1.6	9
18	Assessment of Solar and Farming Systems Integration on Tropical Building Facades. , 2017, , .		4

#	ARTICLE	IF	CITATIONS
19	Vertical farming on facades: transforming building skins for urban food security. , 2022, , 285-311.		2
20	Modeling City Patterns for Urban Ventilation: Strategies in High Density Areas of Singapore. , 2018, , 119-135.		1
21	Vital Signs Revisited in the Tropics: Through the nus-cdl Tropical Technologies Laboratory. Strategies for Sustainability, 2021, , 95-110.	0.2	0