

# Priyadarsini Rajagopalan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1170471/publications.pdf>

Version: 2024-02-01

49  
papers

1,826  
citations

430754

18  
h-index

265120

42  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1691  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on the impact of urban geometry and pedestrian level greening on outdoor thermal comfort. Renewable and Sustainable Energy Reviews, 2016, 54, 1002-1017.	8.2	340
2	Urban heat island and wind flow characteristics of a tropical city. Solar Energy, 2014, 107, 159-170.	2.9	173
3	Microclimatic modeling of the urban thermal environment of Singapore to mitigate urban heat island. Solar Energy, 2008, 82, 727-745.	2.9	158
4	Benchmarking energy use and greenhouse gas emissions in Singapore's hotel industry. Energy Policy, 2010, 38, 4520-4527.	4.2	127
5	A study on energy performance of hotel buildings in Singapore. Energy and Buildings, 2009, 41, 1319-1324.	3.1	124
6	Urban development and pedestrian thermal comfort in Melbourne. Solar Energy, 2017, 144, 681-698.	2.9	96
7	Spatial structure of surface urban heat island and its relationship with vegetation and built-up areas in Melbourne, Australia. Science of the Total Environment, 2019, 659, 1335-1351.	3.9	83
8	A comprehensive review of thermal adaptive strategies in outdoor spaces. Sustainable Cities and Society, 2018, 41, 647-665.	5.1	70
9	Enhancement of natural ventilation in high-rise residential buildings using stack system. Energy and Buildings, 2004, 36, 61-71.	3.1	65
10	Urban Heat Island and its Impact on Building Energy Consumption. Advances in Building Energy Research, 2009, 3, 261-270.	1.1	63
11	Building energy efficiency labeling programme in Singapore. Energy Policy, 2008, 36, 3982-3992.	4.2	56
12	Study of thermal satisfaction in an Australian educational precinct. Building and Environment, 2017, 123, 119-132.	3.0	47
13	Thermal and ventilation performance of a naturally ventilated sports hall within an aquatic centre. Energy and Buildings, 2013, 58, 111-122.	3.1	37
14	Effect of seasonal changes on usage patterns and behaviours in educational precinct in Melbourne. Urban Climate, 2018, 26, 133-148.	2.4	32
15	Effect of street design on pedestrian thermal comfort. Architectural Science Review, 2019, 62, 92-111.	1.1	29
16	Effect of built-up ratio on the variation of air temperature in a heritage city. Sustainable Cities and Society, 2015, 14, 280-292.	5.1	26
17	Evaluation of building performance for strategic facilities management in healthcare. Facilities, 2013, 31, 681-701.	0.8	24
18	Thermal comfort of multiple user groups in indoor aquatic centres. Energy and Buildings, 2015, 105, 129-138.	3.1	22

#	ARTICLE	IF	CITATIONS
19	Performance of a daylight guiding system in an office building. <i>Solar Energy</i> , 2013, 94, 253-265.	2.9	18
20	Investigating the effect of urban configurations on the variation of air temperature. <i>International Journal of Sustainable Built Environment</i> , 2017, 6, 389-399.	3.2	18
21	Improving the Indoor Air Quality of Residential Buildings during Bushfire Smoke Events. <i>Climate</i> , 2021, 9, 32.	1.2	18
22	An indoor environmental quality assessment of office spaces at an urban Australian university. <i>Building Research and Information</i> , 2021, 49, 842-858.	2.0	15
23	Defining aquatic centres for energy and water benchmarking purposes. <i>Sustainable Cities and Society</i> , 2017, 31, 51-61.	5.1	14
24	Integral sustainable design – Reflections on the theory and practice from a case study. <i>Sustainable Cities and Society</i> , 2017, 28, 225-232.	5.1	14
25	Progress on building energy labelling techniques. <i>Advances in Building Energy Research</i> , 2012, 6, 61-80.	1.1	13
26	Energy Performance of Medium-sized Healthcare Buildings in Victoria, Australia- A Case Study. <i>Journal of Healthcare Engineering</i> , 2014, 5, 247-260.	1.1	12
27	A Classification of Healthcare Facilities. <i>Herd</i> , 2015, 8, 139-157.	0.9	12
28	Feasibility of net zero energy high rise apartment buildings in Australia. <i>Solar Energy</i> , 2022, 231, 158-174.	2.9	12
29	Energy performance of aquatic facilities in Victoria, Australia. <i>Facilities</i> , 2014, 32, 565-580.	0.8	11
30	Daytime thermal performance of different urban surfaces: a case study in educational institution precinct of Melbourne. <i>Architectural Science Review</i> , 2018, 61, 29-47.	1.1	11
31	Year long monitoring of indoor air quality and ventilation in school classrooms in Victoria, Australia. <i>Architectural Science Review</i> , 2022, 65, 1-13.	1.1	11
32	Investigating thermal comfort and energy impact through microclimate monitoring- a citizen science approach. <i>Energy and Buildings</i> , 2020, 229, 110526.	3.1	10
33	Experimental validation of an energy model of a day surgery/procedure centre in Victoria. <i>Journal of Building Engineering</i> , 2017, 10, 1-12.	1.6	9
34	Time-series dataset on land surface temperature, vegetation, built up areas and other climatic factors in top 20 global cities (2000–2018). <i>Data in Brief</i> , 2019, 23, 103803.	0.5	9
35	DEFINING AND DEVELOPING AN ENERGY RETROFITTING APPROACH. <i>Journal of Green Building</i> , 2014, 9, 151-162.	0.4	8
36	Energy and water benchmarks for aquatic centres in Victoria, Australia. <i>Energy and Buildings</i> , 2018, 177, 246-256.	3.1	7

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37	Perception of Wind in Open Spaces. <i>Climate</i> , 2019, 7, 106.	1.2	7
38	Investigating Daylight in the Apartment Buildings in Melbourne, Australia. <i>Infrastructures</i> , 2020, 5, 81.	1.4	7
39	Assessment of factors influencing the energy and water performance of aquatic centres. <i>Building Simulation</i> , 2020, 13, 771-786.	3.0	4
40	Assessment and modelling of the viability of a solar heating system for aquatic centres in southern Australia. <i>Energy Efficiency</i> , 2017, 10, 1269-1278.	1.3	2
41	SI: Survivability under Overheating: The Impact of Regional and Global Climate Change on the Vulnerable and Low-Income Population. <i>Climate</i> , 2020, 8, 122.	1.2	2
42	Sound Absorption Characteristics of a Precast Panel System Made from Environmentally Sustainable Concrete. <i>Building Acoustics</i> , 2010, 17, 221-231.	1.1	1
43	On the acoustic performance of a precast panel system made from environmentally sustainable concrete: application in sports hall buildings. <i>Architectural Science Review</i> , 2013, 56, 118-130.	1.1	1
44	Special edition: engaging architectural science: meeting the challenges of higher density. <i>Architectural Science Review</i> , 2020, 63, 385-386.	1.1	1
45	Environmental Rating Systems for Non-Residential Buildings – How Does Australia Compare with International Best Practice?. <i>Green Energy and Technology</i> , 2019, , 61-74.	0.4	1
46	The Built Environment in Australia. <i>Green Energy and Technology</i> , 2019, , 1-8.	0.4	1
47	Urban Heat Island and Mitigation in Tropical India. <i>Advances in 21st Century Human Settlements</i> , 2021, , 183-203.	0.3	1
48	Acoustic performance of contemporary public libraries: an evaluation of public libraries in Melbourne, Australia. <i>Architectural Science Review</i> , 2017, 60, 104-115.	1.1	0
49	A Guide for Evaluating the Performance of Indoor Aquatic Centres. <i>Green Energy and Technology</i> , 2019, , 149-165.	0.4	0