

# Conrad Allan Jay Pantua

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8230531/publications.pdf>

Version: 2024-02-01

9  
papers

114  
citations

1478505

6  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

100  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a natural ventilation windcatcher with passive heat recovery wheel for mild-cold climates: CFD and experimental analysis. <i>Renewable Energy</i> , 2020, 160, 465-482.	8.9	39
2	Numerical analysis of an urban road pavement solar collector (U-RPSC) for heat island mitigation: Impact on the urban environment. <i>Renewable Energy</i> , 2021, 164, 618-641.	8.9	22
3	A review of traditional multistage roofs design and performance in vernacular buildings in Myanmar. <i>Sustainable Cities and Society</i> , 2020, 60, 102240.	10.4	14
4	Structural response analysis of road pavement solar collector (RPSC) with serpentine heat pipes under validated temperature field. <i>Construction and Building Materials</i> , 2021, 268, 121110.	7.2	13
5	A fluid-structure interaction (FSI) and energy generation modelling for roof mounted renewable energy installations in buildings for extreme weather and typhoon resilience. <i>Renewable Energy</i> , 2020, 160, 770-787.	8.9	12
6	Sustainability and structural resilience of building integrated photovoltaics subjected to typhoon strength winds. <i>Applied Energy</i> , 2021, 301, 117437.	10.1	7
7	A deep learning framework for energy management and optimisation of HVAC systems. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 463, 012026.	0.3	6
8	A novel Fluid-Structure Interaction modelling and optimisation of roofing designs of buildings for typhoon resilience. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 556, 012057.	0.6	1
9	A fluid-structure interaction modelling of roof mounted renewable energy installations in low rise buildings for extreme weather and typhoon resilience. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 463, 012175.	0.3	0