

# Robert Stefan Vizitiu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/385968/publications.pdf>

Version: 2024-02-01

13  
papers

76  
citations

1684188  
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1474206  
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g-index

14  
all docs

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docs citations

14  
times ranked

53  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy efficient heat pipe heat exchanger for waste heat recovery in buildings. Procedia Manufacturing, 2018, 22, 714-721.	1.9	23
2	Experimental Investigation on Mechanical and Thermal Properties of Concrete Using Waste Materials as an Aggregate Substitution. Materials, 2022, 15, 1728.	2.9	12
3	Lightweight Concrete with Waste - Review. Procedia Manufacturing, 2020, 46, 136-143.	1.9	11
4	A Heat Pipe Cooler for High Power LED's Cooling in Harsh Conditions. Procedia Manufacturing, 2019, 32, 513-519.	1.9	9
5	Energy efficient phase change materials used for an originally designed heat recovery system. Procedia Manufacturing, 2019, 32, 496-503.	1.9	6
6	Innovative system for heat recovery from used water in the building sector. Procedia Manufacturing, 2018, 22, 722-729.	1.9	4
7	Experimental and Numerical Study of Thermal Performance of an Innovative Waste Heat Recovery System. Applied Sciences (Switzerland), 2021, 11, 11542.	2.5	3
8	CFD analysis of an innovative heat recovery system. Procedia Manufacturing, 2019, 32, 488-495.	1.9	2
9	Simulation and modelling of microclimate in a building with high thermal mass during the winter season. E3S Web of Conferences, 2019, 85, 01006.	0.5	2
10	Numerical Investigation of a Novel Heat Pipe Radiant Floor Heating System with Integrated Phase Change Materials. Proceedings (mdpi), 2020, 63, 15.	0.2	2
11	CFD analysis of a dual heat recovery system. E3S Web of Conferences, 2019, 85, 02007.	0.5	1
12	14. EXPERIMENTAL INVESTIGATION ON THE OPTIMUM FILLING RATIO OF HEAT PIPES USED FOR HEAT RECOVERY SYSTEMS. , 2020, , 154-161.		1
13	An Interesting Approach for Icing Prevention of Walkways for Romania's Climatic Conditions. Procedia Manufacturing, 2020, 46, 424-431.	1.9	0