

# Gurpreet Singh Sodhi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12127595/publications.pdf>

Version: 2024-02-01

10  
papers

281  
citations

1163117

8  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

174  
citing authors

#	ARTICLE	IF	CITATIONS
1	Compound charging and discharging enhancement in multi-PCM system using non-uniform fin distribution. <i>Renewable Energy</i> , 2021, 171, 299-314.	8.9	79
2	Investigation of charging and discharging characteristics of a horizontal conical shell and tube latent thermal energy storage device. <i>Energy Conversion and Management</i> , 2019, 188, 381-397.	9.2	71
3	Concrete based high temperature thermal energy storage system: Experimental and numerical studies. <i>Energy Conversion and Management</i> , 2019, 198, 111905.	9.2	32
4	Experimental and numerical investigations on high temperature cast steel based sensible heat storage system. <i>Applied Energy</i> , 2019, 251, 113322.	10.1	28
5	Assessment of Heat Transfer Characteristics of a Latent Heat Thermal Energy Storage System: Multi Tube Design. <i>Energy Procedia</i> , 2019, 158, 4677-4683.	1.8	21
6	Experimental investigations of high-temperature shell and multi-tube latent heat storage system. <i>Applied Thermal Engineering</i> , 2021, 198, 117491.	6.0	17
7	Design assessment of a horizontal shell and tube latent heat storage system: Alternative to fin designs. <i>Journal of Energy Storage</i> , 2021, 44, 103282.	8.1	13
8	Coupling strategy of multi-module high temperature solid sensible heat storage system for large scale application. <i>Applied Energy</i> , 2020, 278, 115665.	10.1	10
9	Experimental and numerical investigations on the charging and discharging performances of high-temperature cylindrical phase change material encapsulations. <i>Solar Energy</i> , 2021, 224, 411-424.	6.1	7
10	Experimental investigation of a Cast-Steel based Thermal Energy Storage System. <i>Energy Procedia</i> , 2019, 158, 4664-4670.	1.8	3