

# Georg Engel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/672595/publications.pdf>

Version: 2024-02-01

16  
papers

208  
citations

1307594

7  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

251  
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimental investigation of a realistic-scale seasonal solar adsorption storage system for buildings. <i>Solar Energy</i> , 2017, 155, 388-397.	6.1	58
2	District energy systems: Modelling paradigms and general-purpose tools. <i>Energy</i> , 2018, 164, 1326-1340.	8.8	44
3	Simulation of a seasonal, solar-driven sorption storage heating system. <i>Journal of Energy Storage</i> , 2017, 13, 40-47.	8.1	22
4	Chiral Symmetry Breaking in QCD with Two Light Flavors. <i>Physical Review Letters</i> , 2015, 114, 112001.	7.8	18
5	Functional Mock-up Interface: An empirical survey identifies research challenges and current barriers. , 2019, , .		15
6	Sorption thermal energy storage: Hybrid coating/granules adsorber design and hybrid TCM/PCM operation. <i>Energy Conversion and Management</i> , 2019, 184, 466-474.	9.2	14
7	Testing trivializing maps in the Hybrid Monte Carlo algorithm. <i>Computer Physics Communications</i> , 2011, 182, 2107-2114.	7.5	13
8	Sorption cold storage for thermal management of the battery of a hybrid vehicle. <i>Energy Procedia</i> , 2018, 155, 149-155.	1.8	7
9	Co-simulation Between Trnsys and Simulink Based on Type155. <i>Lecture Notes in Computer Science</i> , 2018, , 315-329.	1.3	4
10	A Methodology to Compare Different Co-simulation Interfaces: A Thermal Engineering Case Study. , 2017, , .		4
11	Neural Networks to Approximate Solutions of Ordinary Differential Equations. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 776-784.	0.6	3
12	A General Method to Compare Different Co-simulation Interfaces: Demonstration on a Case Study. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 351-365.	0.6	3
13	Machine Learning to Approximate Solutions of Ordinary Differential Equations: Neural Networks vs. Linear Regressors. <i>Lecture Notes in Computer Science</i> , 2019, , 169-177.	1.3	1
14	A Rule-Based Smart Control for Fail-Operational Systems. <i>Lecture Notes in Computer Science</i> , 2019, , 137-145.	1.3	1
15	A Comparison of Co-Simulation Interfaces between Trnsys and Simulink: A Thermal Engineering Case Study. , 0, , .		1
16	Development of a sorption thermal energy storage to support the thermal management of hybrid vehicles. <i>International Journal of Vehicle Design</i> , 2021, 85, 139.	0.3	0