

# Christine Blume

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1771666/publications.pdf>

Version: 2024-02-01

9  
papers

135  
citations

1478505

6  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

149  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cooling tower management in manufacturing companies: A cyber-physical system approach. Journal of Cleaner Production, 2019, 211, 428-441.	9.3	27
2	Combining Life Cycle Assessment and Manufacturing System Simulation: Evaluating Dynamic Impacts from Renewable Energy Supply on Product-Specific Environmental Footprints. International Journal of Precision Engineering and Manufacturing - Green Technology, 2021, 8, 1007-1026.	4.9	27
3	Data-Driven Digital Twins for Technical Building Services Operation in Factories: A Cooling Tower Case Study. Journal of Manufacturing and Materials Processing, 2020, 4, 97.	2.2	23
4	Energy Analysis of Bioplastics Processing. Procedia CIRP, 2017, 61, 600-605.	1.9	20
5	Towards energy flexible and energy self-sufficient manufacturing systems. Procedia CIRP, 2019, 81, 683-688.	1.9	19
6	Unlocking Waste Heat Potentials in Manufacturing. Procedia CIRP, 2016, 48, 289-294.	1.9	9
7	Energy flexible management of industrial technical building services: a synergetic data-driven and simulation approach for cooling towers. Procedia CIRP, 2019, 81, 775-780.	1.9	6
8	Life Cycle Assessment of Industrial Cooling Towers. Sustainable Production, Life Cycle Engineering and Management, 2019, , 135-146.	0.3	2
9	Multi-scale Simulation for Energy Flexible Factories and Factory Networks: A System of Systems Perspective. Procedia CIRP, 2022, 105, 404-409.	1.9	2