

# Xiaochen Hou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1042117/publications.pdf>

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Free piston expander-linear generator used for organic Rankine cycle waste heat recovery system. Applied Energy, 2017, 208, 1297-1307.	10.1	50
2	External load resistance effect on the free piston expander-linear generator for organic Rankine cycle waste heat recovery system. Applied Energy, 2018, 212, 1252-1261.	10.1	39
3	Comparative analysis of different valve timing control methods for single-piston free piston expander-linear generator via an orthogonal experimental design. Energy, 2020, 195, 116966.	8.8	29
4	Experimental and simulation study of a free piston expander-linear generator for small-scale organic Rankine cycle. Energy, 2018, 161, 776-791.	8.8	24
5	Performance analysis of a single-piston free piston expander-linear generator with intake timing control strategy based on piston displacement. Applied Thermal Engineering, 2019, 152, 751-761.	6.0	23
6	Development and validation of a single-piston free piston expander-linear generator for a small-scale organic Rankine cycle. Energy, 2018, 161, 809-820.	8.8	16
7	Performance investigation of a free piston expander-linear generator for small scale organic Rankine cycle. Applied Thermal Engineering, 2018, 144, 209-218.	6.0	15
8	Modelling and validation of a free piston expander-linear generator for waste heat recovery system. Applied Thermal Engineering, 2019, 163, 114377.	6.0	11
9	A comparison study and performance analysis of free piston expander-linear generator for organic Rankine cycle system. Energy, 2019, 167, 136-143.	8.8	10
10	Study on the Control Strategy of Free Piston Expander-Linear Generator Used for Organic Rankine Cycle Waste Heat Recovery. Journal of Thermal Science, 2021, 30, 585-597.	1.9	4
11	Experimental study on the performance of single-piston free-piston expander-linear generator. Energy, 2021, 221, 119724.	8.8	4
12	Force and energy analysis of single-piston free-piston expander-linear generator. Energy, 2022, 251, 123926.	8.8	4
13	Heat and mass transfer performance and exergy performance evaluation of seawater cooling tower considering different inlet parameters. Thermal Science, 2022, 26, 3715-3728.	1.1	2