

# Xiaochen Hou

## List of Publications by Year in descending order

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13  
papers

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1040056

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