

# Xiaoyue Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6335271/publications.pdf>

Version: 2024-02-01

7  
papers

153  
citations

1684188

5  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

95  
citing authors

| # | ARTICLE   | IF   | CITATIONS |
|---|---|------|-----------|
| 1 | Experimental investigation on the performance of a boiler system with flue gas dehumidification and combustion air humidification. <i>Applied Energy</i> , 2022, 323, 119623.   | 10.1 | 1         |
| 2 | Irreversibility characterization and analysis of coupled heat and mass transfer processes in an absorption system. <i>International Journal of Heat and Mass Transfer</i> , 2019, 133, 1121-1133.   | 4.8  | 11        |
| 3 | A hybrid flue gas heat recovery system based on vapor compression refrigeration and liquid desiccant dehumidification. <i>Energy Conversion and Management</i> , 2019, 195, 157-166.  | 9.2  | 23        |
| 4 | A novel flue gas heat recovery system based on low-pressure regeneration liquid desiccant cycle. <i>International Journal of Low-Carbon Technologies</i> , 2018, 13, 1-5.   | 2.6  | 4         |
| 5 | Investigation on the coupled heat and mass transfer process between extremely high humidity air and liquid desiccant in the counter-flow adiabatic packed tower. <i>International Journal of Heat and Mass Transfer</i> , 2017, 110, 898-907. | 4.8  | 28        |
| 6 | Waste heat and water recovery from natural gas boilers: Parametric analysis and optimization of a flue-gas-driven open absorption system. <i>Energy Conversion and Management</i> , 2017, 154, 526-537.                                       | 9.2  | 35        |
| 7 | Evaluation of a flue gas driven open absorption system for heat and water recovery from fossil fuel boilers. <i>Energy Conversion and Management</i> , 2016, 128, 57-65.  | 9.2  | 51        |