

Kunlin Cheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4098719/publications.pdf>

Version: 2024-02-01

6
papers

140
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

61
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Power optimization and comparison between simple recuperated and recompressing supercritical carbon dioxide Closed-Brayton-Cycle with finite cold source on hypersonic vehicles. <i>Energy</i> , 2019, 181, 1189-1201. | 8.8 | 39 |
| 2 | Performance assessment of a closed-recuperative-Brayton-cycle based integrated system for power generation and engine cooling of hypersonic vehicle. <i>Aerospace Science and Technology</i> , 2019, 87, 278-288. | 4.8 | 32 |
| 3 | Thermodynamic analysis for high-power electricity generation systems based on closed-Brayton-cycle with finite cold source on hypersonic vehicles. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 14762-14774. | 7.1 | 26 |
| 4 | Performance assessment of an integrated power generation and refrigeration system on hypersonic vehicles. <i>Aerospace Science and Technology</i> , 2019, 89, 192-203. | 4.8 | 21 |
| 5 | Performance comparison on wall cooling and heat supply for power generation between fuel- and liquid metal-cooled scramjet. <i>Aerospace Science and Technology</i> , 2019, 93, 105294. | 4.8 | 14 |
| 6 | Performance evaluation for a combined power generation system of closed-Brayton-cycle and thermoelectric generator with finite cold source at room temperature on hypersonic vehicles. <i>Energy</i> , 2022, 254, 124444. | 8.8 | 8 |