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Systematic assessment of working fluid mixtures for absorption refrigeration based on techno-economic, environmental, health and safety performance

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Energy Conversion and Management, 2020, 223, 113262.

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|----|---|-----|-----------|
| 10 | Techno-economic assessment of novel and conventional working fluid mixtures for two-stage double- and triple-effect absorption refrigeration systems. <i>International Journal of Energy Research</i> , 2021 , 45, 12784-12805 | 4.5 | 1 |
| 9 | Integrated Design of Working Fluid Mixtures and Absorption Refrigeration Cycles. <i>Frontiers in Chemical Engineering</i> , 3, | 1 | |
| 8 | Sustainable design, integration, and operation for energy high-performance process systems. <i>Energy</i> , 2021 , 224, 120158 | 7.9 | 14 |
| 7 | Comparative analysis of working fluids for heat pump-type flue-gas cooling/heating system. <i>Applied Thermal Engineering</i> , 2021 , 193, 117019 | 5.8 | 1 |
| 6 | Thermo-economic and environmental assessment of hybrid vapor compression-absorption refrigeration systems for district cooling. <i>Energy</i> , 2022 , 243, 122991 | 7.9 | 3 |
| 5 | Cascaded model predictive controller performance for the selection of robust working fluids in absorption refrigeration cycles. <i>Applied Thermal Engineering</i> , 2022 , 206, 118038 | 5.8 | 0 |
| 4 | A new correlation for performance prediction of small and large capacity single-effect vapor absorption refrigeration systems. 2022 , 1, 100002 | | 0 |
| 3 | Optimum dynamic operation of integrated absorption-compression refrigeration cycles and thermal energy storage systems for district cooling. 2022 , 270, 116209 | | 0 |
| 2 | Second law assessment of di methyl ether and its mixtures in domestic refrigeration system. 2023 , 13, | | 0 |
| 1 | Experimental study on spray cooling heat transfer performance of R245fa/R142b mixture in boiling regime. 2023 , 227, 120450 | | 0 |