

2014 Publications of UNLV's Center for Energy Research

- A. Cross, K. Hammer, R. Hurt, **R. Boehm**, "An autonomous controller for ductless mini-split heat pumps, residential solar thermal collection, and hydronic floor heating," in *SME 2014 8th International Conference on Energy Sustainability collocated with the ASME 2014 12th International Conference on Fuel Cell Science, Engineering and Technology*, (2014). doi: 10.1115/ES2014-6316
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- T. Ma, X. Xu, Q. Wang, L. Li, **Y. Chen**, "Study on thermal resistance distribution and local heat transfer enhancement method for SCO₂-water heat exchange process near pseudo-critical temperature," *International Journal of Heat and Mass Transfer*, **82**,179-188 (2014). doi: <https://doi.org/10.1016/j.ijheatmasstransfer.2014.11.029>
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- D. Xueping, Y. Yantao, M. Zeng, Y. Pengqing, Q. Wang, Z. Dong, **Y. Chen**, "An experimental investigation on air-side performances of finned tube heat exchangers for indirect air-cooling tower," *Thermal Science*, **18**(3), 863-874 (2014). doi: <https://doi.org/10.2298/TSCI1403863D>
- Z. Zeng, R. Hurt, **R. Boehm**, "The 2013 University of Nevada Las Vegas Solar Decathlon house: strategy, design, simulation and results." in *ASME 2014 8th International Conference on Energy Sustainability collocated with the ASME 2014 12th International Conference on Fuel Cell Science, Engineering and Technology*, (2014). doi: 10.1115/ES2014-6458