

Elenco pubblicazioni aggiornato ad Agosto 2020

Articoli su rivista

- A. Diani, P. Brunello, L. Rossetto, R513A condensation heat transfer inside tubes: Microfin tube vs. smooth tube, *Int. J. Heat Mass Tran.* 152 (2020) 119472-1-9.
- A. Diani, L. Rossetto, R513A flow boiling heat transfer inside horizontal smooth tube and microfin tube, *Int. J. Refrig.* 107 (2019) 301-314.
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- A. Diani, M. Campanale, L. Rossetto, Experimental study on heat transfer condensation of R1234ze(E) and R134a inside a 4.0 mm OD horizontal microfin tube, *Int. J. Heat Mass Tran.* 126 (2018) 1316-1325.
- A. Diani, M. Campanale, A. Cavallini, L. Rossetto, Low GWP refrigerants condensation inside a 2.4 mm ID microfin tube, *Int. J. Refrig.* 86 (2018) 312-321.
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- S. Mancin, A. Diani, S. Vezzù, L. Rossetto, Flow boiling heat transfer of R1234yf on a microparticle coated copper surface, *Sci. Tech. Built Env.* 22 (2016) 1156-1166.
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- A. Diani, S. Mancin, L. Rossetto, Flow boiling heat transfer of R1234yf inside a 3.4 mm ID microfin Tube, *Exp. Therm. Fluid Sci.* 66 (2015) 127-136.
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Tesi di dottorato

- “Experimental and numerical analysis of microstructured surfaces”, correlatore Prof. Luisa Rossetto.

Articoli open access

- A. Diani, L. Rossetto, Vaporization inside a mini microfin tube: experimental results and modeling, *J. Phys. Conference Series* 655 (2015) 012032-1-10.
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- A. Diani, E. Savio, L. Rossetto, Experimental investigation of R513A flow boiling inside smooth tube and microfin tube, 37th IIT Heat Transfer Conference, 2019, Padova, Italia.
- A. Diani, L. Rossetto, Experimental results and modeling of R1234ze(E) flow boiling inside a small sized microfin tube, 13th International Conference on “Two-Phase Systems for Space and Ground Applications”, 2018, Xi’an, Cina.
- A. Diani, L. Rossetto, HFO-1234ze(E) flow boiling heat transfer inside a 4.0 mm OD microfin tube, 1st IIR International Conference on the Applications of HFO refrigerants, 2018, Birmingham, UK.
- A. Diani, L. Rossetto, HFO 1234ze(E) condensation inside a mini microfin tube with 4.0 mm OD, 16th International Heat Transfer Conference, 2018, Pechino, Cina.

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- S. Mancin, A. Diani, S. Vezzù, L. Rossetto, Flow boiling heat transfer of R1234yf on a microparticle coated surface, 24th International Congress of Refrigeration, 2015, Yokohama, Giappone.
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