

1. Record Nr.	UNINA9910299828003321
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Titolo	Critical Heat Flux in Flow Boiling in Microchannels [[electronic resource] /] / by Sujoy Kumar Saha, Gian Piero Celata
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-17735-4
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (62 p.)
Collana	SpringerBriefs in Thermal Engineering and Applied Science, , 2193-2530
Disciplina	536.2072
Soggetti	Thermodynamics Heat engineering Heat transfer Mass transfer Fluid mechanics Fluids Engineering Thermodynamics, Heat and Mass Transfer Engineering Fluid Dynamics Fluid- and Aerodynamics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	1. Introduction -- 2. Critical Heat Flux -- 3. Conclusion and further research.
Sommario/riassunto	This Brief concerns the important problem of critical heat flux in flow boiling in microchannels. A companion edition in the SpringerBrief Subseries on Thermal Engineering and Applied Science to "Heat Transfer and Pressure Drop in Flow Boiling in Microchannels," by the same author team, this volume is idea for professionals, researchers, and graduate students concerned with electronic cooling.