

NANO LETTERS

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Editorial

Nanothermodynamics: A Personal Perspective by Terrell Hill

It is a pleasure this month to have a Perspective from Terrell Hill, whose book *Thermodynamics of Small Systems*, should be of great interest to readers of *Nano Letters*. Hill's work from the early 1960s presaged much of what today is an emerging discipline of thermodynamics. It is perhaps only now that we are in a position to control and pattern matter on the nanometer scale sufficiently well that detailed experimental studies of the thermodynamics of small systems can be realized. Such studies are essential for the promise of nanoscale science to mature further.

Paul Alivisatos

Editor

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