

radiation thermometry Background Dr. Zhang seeks to advance basic science involving heat transfer and thermodynamics and apply the result to cutting-edge technological problems.

Zhang | The George W. Woodruff School of Mechanical ...

The Journal Impact 2019-2020 of Nanoscale and Microscale Thermophysical Engineering is 3.610, which is just updated in 2020. Compared with historical Journal Impact data, the Metric 2019 of Nanoscale and Microscale Thermophysical Engineering grew by 18.75 %. The Journal Impact Quartile of Nanoscale and Microscale Thermophysical Engineering is Q1. The Journal Impact of an academic journal is a ...

Nanoscale and Microscale Thermophysical Engineering ...

Yeram Sarkis Touloukian (December 28, 1920 – June 12, 1981) was a professor of mechanical engineering and director of the Thermophysical Properties Research Center (now known as CINDAS) at Purdue University in West Lafayette, Indiana. He was world-renowned for his work in thermophysics and his name has become synonymous with the field of thermophysical properties.

Yeram S. Touloukian - Wikipedia

Researches on specifics of thermophysical properties and heat transfer at supercritical pressures (SCPs) started as early as the 1930s with the study on free-convection heat transfer to fluids at a near-critical point. In the 1950s, the concept of using SC “steam” to increase thermal efficiency of coal-fired thermal power plants became an attractive option. Germany, USA, the former USSR ...

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