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## List of Publications

1. Study of size dependent glass transition and Kauzmann temperatures of tin dioxide nanoparticles.

Journal of Thermal analysis and Calorimetry, **110**, 535 (2012).

**Purvi A. Bhatt**, Arun Pratap, Prafulla K. Jha

2. Size and dimension dependent diffusion coefficients of SnO<sub>2</sub> nanoparticles.

AIP Conf. Proc. **1536**, 237 (2013).

**Purvi A. Bhatt**, Arun Pratap, Prafulla K. Jha

3. Size-dependent surface energy and Tolman length of TiO<sub>2</sub> and SnO<sub>2</sub> nanoparticles.

Physica B: Condensed Matter, **461**, 101 (2015)

**Purvi A. Bhatt**, Shree Mishra, Prafulla K. Jha, Arun Pratap

4. Size and shape dependent catalytic activation energy of different nano structures.

Journal of Research in Nanotechnology, **2015**, 557871(2015)

**Purvi A. Bhatt**, Arun Pratap, Prafulla K. Jha