

List of publications in journals and proceedings

- [1] Y.D.Kale, Y.H.Gandhi and T.R.Joshi, "Thermally Stimulated Luminescence-Optical Absorption correlation of pre-heat treated of synthetic quartz", Indian Journal of Pure and Applied Physics, pp600-603, vol-37, 1999.
- [2] Y.D.Kale, Y.H.Gandhi and T.R.Joshi, "Study of influence of different physical conditions of TL characteristics of synthetic quartz", proceeding of international symposium on luminescence and its applications held at Baroda, pp68-72, 2000.
- [3] Y.D.Kale, Y.H.Gandhi and T.R.Joshi, "Effect of pre-thermal treatment on synthetic quartz", proceeding of national conference on luminescence and its applications held at Hyderabad, pp158-162, 2001.
- [4] Y.D.Kale, Y.H.Gandhi, P.R.Vyas and T.R.Joshi, "Intrinsic and pre-gamma irradiated UV-excited TSL in a indigenous quartz material", proceeding of national conference on luminescence and its applications held at Jabalpur, pp139-142, 2002.
- [5] Y.D.Kale, Y.H.Gandhi and T.R.Joshi, "Study of influence of pre-heat treatment on TL glow curve pattern and related trapping parameters of technologically important synthetic quartz specimen", Indian Journal of Pure and Applied Physics, pp107-110, vol-40, 2002.
- [6] Y.D.Kale, Y.H.Gandhi and T.R.Joshi, "Effect of fading on synthetic quartz," national seminar on progress in luminescence and its applications held at Junagadh, 2002.
- [7] Y.D.Kale, Mona Halani, Y.H.Gandhi, D.R.Joshi and T.R.Joshi, "Characteristics of phase transformation in synthetic quartz using TL", proceeding of national conference on luminescence and its applications held at New Delhi, pp203-205, 2003.

- [8] Th.Basantha Singh, S.Nabadwip Singh and Y.D.Kale, "On the applicability of the 375°C glow peak of quartz in dosimetry/dating," proceeding of national conference on luminescence and its applications held at New Delhi, pp126-129, 2003.
- [9] Y.D.Kale and Y.H.Gandhi, "The characterization of low temperature TL peak in synthetic quartz under different physical conditions", proceeding of international conference on luminescence and its applications held at B.A.R.C., Mumbai, pp275-277, 2004.
- [10] Y.D.Kale, Y.H.Gandhi and T.R.Joshi, "On understanding the nature of OSL curves for pre-heat treated synthetic quartz", proceeding of international conference on luminescence and its applications held at B.A.R.C. Mumbai, pp340-342, 2004.
- [11] Y.D.Kale and Y.H.Gandhi, "OSL sensitivity of synthetic quartz", proceeding of national conference on luminescence and its applications held at Bangalore, pp406-407, 2005.