List of Publications

1. **M.V. Vijaya kumar**, K. Rama Gopal, R.R. Reddy, G.V. Lokeswara Reddy, N. Sooraj Hussain, B.C. Jamalaiah,

   *Application of modified Judd-Ofelt theory and the evaluation of radiative properties of Pr$^{3+}$-doped lead telluroborate glasses for laser applications*,
   

2. **M.V. Vijaya Kumar**, K. Rama Gopal, R.R. Reddy, G.V. Lokeswara Reddy, B.C. Jamalaiah,

   *Luminescence and gain characteristics of 1.53 µm broad-band of Er$^{3+}$ in lead telluroborate glasses*,
   
   *J. Lumin.* 142 (2013) 128-134.

3. **M.V. Vijaya Kumar**, B.C. Jamalaiah, K. Rama Gopal, R.R. Reddy,

   *Optical absorption and fluorescence studies of Dy$^{3+}$-doped lead telluroborate glasses*,
   

4. **M.V. Vijaya Kumar**, B.C. Jamalaiah, K. Rama Gopal, R.R. Reddy,

   *Novel Eu$^{3+}$-doped lead telluroborate glasses for red laser source application*,
   

5. B.C. Jamalaiah, **M.V. Vijaya Kumar**, K. Rama Gopal,

   *Fluorescence properties and energy transfer mechanism of Sm$^{3+}$ ion in lead telluroborate glasses*,
   

6. B.C. Jamalaiah, **M.V. Vijaya Kumar**, K. Rama Gopal,

   *Investigation on luminescence and energy transfer in Tb$^{3+}$-doped lead telluroborate glasses*,
   
Conferences Attended

1. **M.V. Vijaya Kumar**, B.C. Jamalaiah, K. Rama Gopal,

   *Optical properties of Dy$^{3+}$ ions in lead telluroborate glasses,*

   International Conference on Nano science, Engineering & Advance Computing (ICNEAC-2011), 08-10 July 2011, Swarnandhra college of Engineering & Technology, Narasapur, India.

2. **M.V. Vijaya Kumar**, B.C. Jamalaiah, K. Rama Gopal, R.R. Reddy,

   *Rich Red Luminescence from Eu$^{3+}$ doped lead telluroborate glasses,*

   International Conference on Specialty Glass & Optical Fibre Materials, Technology & Devices (ICGF-2011), 04-06 August 2011, Central Glass & Ceramic Research Institute, Kolkata, India.