

Complete List of Publications

1. One electron Oxidation of DNA: Thymine vs Guanine reactivity. **Sriram Kanvah** and Gary B Schuster* *Organic & Biomolecular Chemistry*, Accepted for Publication (2010).
2. Oxidation of DNA: Damage to Nucleobases. **Sriram Kanvah**, Joshy Joseph and Gary B Schuster* **Robert N. Barnett**, Charles L. Cleveland and Uzi Landman* *Accounts of Chemical Research ASAP* (2009). **Publication Date (Web): November 25, 2009**
3. Oxidative damage to DNA: Inhibition of guanine damage. **Sriram Kanvah** and Gary B Schuster* *Pure and Appl. Chem.* 78, (2006), 2297-2304.
4. The sacrificial role of easily oxidizable sites in the protection of DNA from damage. **Sriram Kanvah** and Gary B Schuster. *Nucl. Acids Res.* (2005), **33**, 5133-8.
5. One-Electron Oxidation of DNA: The Effect of Replacement of Cytosine with 5-Methylcytosine on Long- distance Radical Cation Transport and Reaction. **Sriram Kanvah** and Gary B. Schuster. *J. Am. Chem. Soc.* (2004), **126**, 7341-7344.
6. Effect of Base Sequence and Hydration on the Electronic and Hole Transport Properties of Duplex DNA:
Theory and Experiment. Robert N. Barnett, Charles L. Cleveland, Uzi Landman, Edna, Boone, **Sriram Kanvah**; Gary B. Schuster, *J. Phy. Chem. A* (2003), **107**, 3525-3537.
7. Long-Range Oxidative Damage in DNA: Protection of guanines by a non-specifically bound disulfide. **Sriram Kanvah** and Gary B Schuster. *J. Am. Chem. Soc.* (2002), **124**, 11268-11287.
8. Photophysical studies of substituted 1, 2-diarylethenes: twisted intramolecular charge transfer fluorescence in dimethoxycyano substituted 1, 2-diarylethene. A.K. Singh and **Sriram Kanvah**, *J. Chem. Soc. Perkin Trans-II* (2001) 395- 401
9. A fluorescence emission study of nitro and nitro-methyl substituted 1, 4-diarylbutadienes in solid state.
A. K. Singh and **Sriram Kanvah**, *Ind. J. Chem., Sect B.* (2001), 40B, 965-973.
10. α , ω - Diphenylpolyenes capable of exhibiting twisted intramolecular charge transfer fluorescence: A fluorescence and fluorescence probe study on nitro and nitro-cyano substituted 1, 4-diphenylpolyenes.
A. K. Singh, D. Manjula, **Sriram Kanvah**, *J. Phys. Chem.* (2000) 104, 464-471.
11. Effect of micro heterogeneous media on fluorescence and fluorescence probe properties of diarylpolyenes. A. K. Singh and **Sriram Kanvah**, *New J. Chem.* (2000), 24, 639-646.
12. Twisted Intramolecular charge transfer in nitro substituted α , ω - diphenylbutadienes.
A. K. Singh, D. Manjula, **Sriram Kanvah**, *New J. Chem.* (1999), 23, 1075-1079.