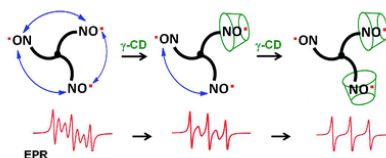
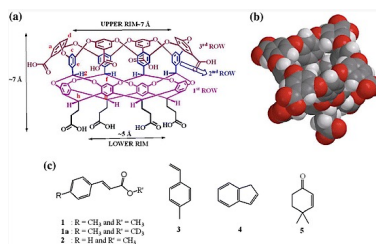


2013

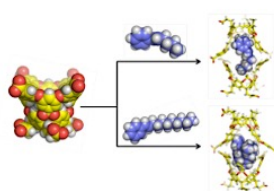
1. Control of spin-spin exchange interactions in polynitroxides through inclusion within γ -cyclodextrin. M. Porel, M. F. Ottaviani, S. Jockusch, N. J. Turro and V. Ramamurthy, *RSC Advances*, 2013, 3, 427.



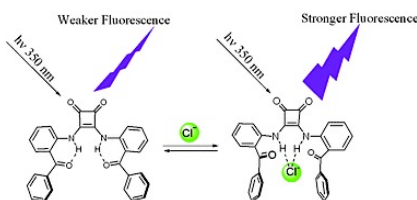
2. Photodimerization of Hydrophobic Guests within a Water Soluble Nanocapsule A. Parthasarathy, S. R. Samanta and V. Ramamurthy, *Res. Chem. Intermed.*, 2013, 39, 73-87 (special issue dedicated to K. Mizuno)



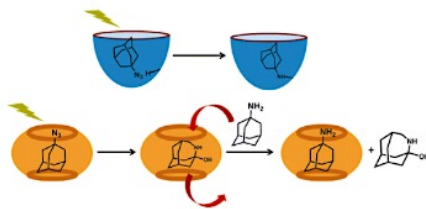
3. Hydrocarbons depending on the chain length and head group adopt different conformations within a water-soluble nanocapsule. R. Choudhury, A. Barman, R. Prabhakar and V. Ramamurthy, *J. Phys. Chem. B*, 2013, 117, 398-407.



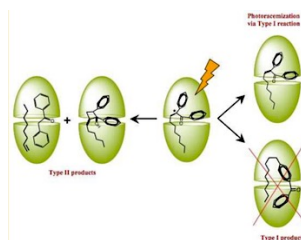
4. Chloride sensing via suppression of excited state intramolecular proton transfer in squaramides M. Porel, V. Ramalingam, M.E. Domaradzki, V. G. Young, V. Ramamurthy and R. S. Muthyala, *Chem. Commun.*, 2013, 49, 1633-1635.



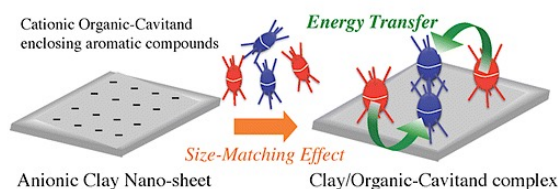
5. Deep-Cavity Cavitand Octa Acid as a Hydrogen donor: Photofunctionalization with Nitrenes Generated from Azidoadamantanes R. Choudhury, S. Gupta, J. P. Da Silva, U. Brinker and V. Ramamurthy, *J. Org. Chem.*, **2013**, 78, 1824-1832.



6. Role of free space and conformational control on photoproduct selectivity of optically pure α -alkyldeoxybenzoins within a water-soluble organic capsule R. Kulasekharan; M. Maddipatla; A. Parthasarathy and V. Ramamurthy, *J. Org. Chem.*, **2013**, 78, 942-949.



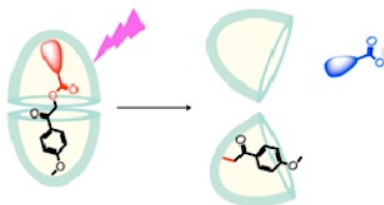
7. Efficient Singlet-Singlet Energy Transfer in a Novel Host-Guest Assembly Composed of an Organic Cavitand, Aromatic Molecules and Clay Nano-sheet Y. Ishida, R. Kulasekharan, T. Shimada, S. Takagi, and V. Ramamurthy, *Langmuir*, **2013**, 29, 1748-1753.



8. Photochemical Reaction Containers as Energy and Electron Transfer Agents P. Jagadesan, B. Mondal, A. Parthasarathy, V. Jayathirtha Rao and V. Ramamurthy, *Org. Letters*, **2013**, 15, 1326-1329.



9. Release of guests from encapsulated masked hydrophobic precursors by a phototrigger
N. Jayaraj, P. Jagadesan, S. R. Samanta, J. P. Da Silva and V. Ramamurthy, *Org. Letters*, **2013**, 15, 4374-4377.



10. Synthesis, Characterization, Guest Inclusion and Photophysical Studies of Gold Nanoparticles Stabilized with Carboxylic Acid Groups of Organic Cavitanes
B. Mondal, N. Kamatham, S. R. Samanta, P. Jagadesan, J. He and V. Ramamurthy, *Langmuir*, **2013**, 29, 12703 - 12709.

