

Book Chapters

1. Optoelectronic Molecular Switches Based on Dihydroazulene-Vinylheptafulvene (DHA-VHF)
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2. H-bonded Assemblies of Dyes and Extended π -Systems
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3. Interaction of Carbon Nanotubes and Small Molecules, in "Supramolecular Soft Matter"
S. Srinivasan and **A. Ajayaghosh**, in *Applications in Materials and Organic Electronics*, **John Wiley & Sons, 2011**.
4. Metallosupramolecular Materials for Energy Applications: Light-Harvesting
V. K. Praveen and **A. Ajayaghosh** in *Functional Metallosupramolecular Materials*, J. G. Hardy, F. H. Schacher (Eds.), **RSC Smart Materials, 2015**.
5. Self-Assembly in Sensor Nanotechnology
P. Anees V. K. Praveen, K. K. Kartha and **A. Ajayaghosh** in *Comprehensive Supramolecular Chemistry II*, Vol. 9, Raston, C. (Ed.), **Elsevier Ltd., 2017**, pp 297-320.
6. Stimuli-Responsive Supramolecular Gels
R. K. Mishra, S. Das, B. Vedhanarayanan, G. Das, V. K. Praveen, **A. Ajayaghosh**, in *Molecular Gels: Structure and Dynamics*, Weiss, R. G. (Ed.) Monographs in Supramolecular Chemistry No. 25, **RSC**, Chapter 7, 190–226, **2018**.