

Jayaraman, N.; Jayamurugan, G.; Kiran, B. M., 2009, “Dendrimer-metal nanocomposites and their optical behavior”, Invited article, Adeli, M. (Ed.): Novel Polymers and Nanoscience, Research Signpost, Trivandrum, India, 105 – 131.

The Book Chapter covers primarily the following: (i) a brief overview of synthetic methods for dendrimer synthesis; (ii) unmodified and intact dendrimer-metal nanocomposites and (iii) luminescence properties of the intact dendrimers. The literature coverage on the later two topics are fairly complete and up-to-date. Since the synthetic methods are covered widely in many review articles, the first topic is limited to an overview.