
Tree-like structures with many branches were observed, accompanied with J-aggregate formation, in single-layer Langmuir-Blodgett films of amphiphilic spiropyran on irradiation with UV light at room temperature, which consisted of a number of crystalline J-aggregates.

Hiroaki Tachibana, Yasushi Yamanaka, Hideki Sakai, Masahiko Abe, and Mutsuyoshi Matsumoto