

PUBLICATIONS

- 24.** Erten-Ela, Ş., **Özçelik, S.**, Eren, E. Synthesis and Photophysical Characterizations of Thermal Stable Naphthalene Benzimidazoles. *J. Fluorsec*, 2011, in press.
- 23.** Demir, M. M., Altin, B., **Özçelik, S.** Composites of Reactive Silica Nanoparticles and Poly(glycidyl methacrylate) with Linear and Crosslinked Chains by *in situ* Bulk Polymerization. *Composite Interfaces*, 17(9), 814, 2010.
- 22.** Demir, M. M., Özen, B., **Özçelik, S.** Formation of Pseudoisocyanine J-Aggregates in Poly(vinyl alcohol) Fibers by Electrospinning. *J. Phys. Chem. B*, 113 (34), 11568-11573, 2009.
- 21.** Demir, M. M., Soyal, D., Ünlü, C., Kuş, M., **Özçelik, S.** Controlling Spontaneous Emission of CdSe Nanoparticles Dispersed in Electrospun Fibers of Polycarbonate Urethane. *J. Phys. Chem. C*, 113, 11273-11278, 2009.
- 20.** Gülen, D., Atasoylu, O., **Özçelik, S.** Investigation of Structure-Spectroscopy-Function Relationship of Two Dimensional J-Aggregates of Tetrachlorobenzimidazolocarbo-cyanine Preferentially Oriented in Poly-vinyl-alcohol Thin Films. *Chemical Physics*, 355, 73, 2009.
- 19.** Kuş, M., Haklı, Ö., Zafer, C., Varlıkl, C., Demic, Ş., **Özçelik, S.**, İçli, S. Optical and Electrochemical Properties of Polyether Derivatives of Perylenediimides Adsorbed on Nanocrystalline Metal Oxide Films. *Organic Electronics*, 9, 757, 2008.
- 18.** Gülen, D., **Özçelik, S.** Polarized Absorption Spectra of Highly Oriented Two-Dimensional J-Aggregates of Tetrachlorobenzimidazolocarbo-cyanine in Thin Films. *J. Lumin.* 128, 871, 2008.
- 17.** Gülen, D., **Özçelik, S.** Absorption Spectrum of Monomeric Pseudoisocyanine. A New Perspective and Its implications for Formation and Spectral Response of J-Aggregates in Solution and Thin Films. *J. Lumin.* 128, 834, 2008.
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- 15.** **Özçelik, S.**, Atay, N. Z. Optical Transition Rates of Meso-Substituted Thiocarbo-cyanine in Methanol-in-oil Reverse Micelles. *J. Lumin.*, 113, 1, 2005.
- 14.** Orr, G., Hu, D., **Özçelik, S.**, Opresko, L. K., Wiley, H. S., Colson, S. D. Cholesterol Dictates the Freedom of EGF Receptors and HER2 in the Plane of the Membrane. *Biophys. J.*, 89, 1362, 2005.
- 13.** **Özçelik, S.**, Orr, G., Hu, D., Chen, C-S., Resat, H., Harms, G. S., Opresko, L. K., Wiley, H. S., Colson, S. D. FRET Measurements Between Small Numbers of Molecules Identifies Subtle Changes in Receptor Interactions. *SPIE Proceedings*, 5323, 119, 2004.
- 12.** **Özçelik, S.**, Demir, M. M., Birkan, B. Probing Nanoscale Domains of J-Aggregates Deposited on a Mica Surface. *J. Phys. Chem. B.*, 108 (15), 4679-4683, 2004.
- 11.** Yağlıoğlu, G., Dorsinville, R., **Özçelik, S.** Femtosecond Response of J-Aggregates Adsorbed on Silver Colloids. *J. Appl. Phys.*, 94, 3143, 2003.
- 10.** **Özçelik, S.** Steady State and Picosecond Time-Resolved Photophysics of a Benzimidazolocarbo-cyanine Dye. *J. Lumin.*, 96, 141, 2002.

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