

Poster Presentation

[EPp1]Electronic Paper

Thu. Nov 28, 2019 2:30 PM - 5:00 PM Main Hall (1F)

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[EPp1-1L]Conducting Polypyrrole-Silica Nanocomposite Particles for Electrophoretic Display

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Keywords:Polypyrrole, Silica, Electrophoretic Display

We have prepared organic conducting nanocomposite particles that utilize polypyrrole as conducting parts and small silica particles as dispersants. We found that the polypyrrole-silica nanocomposite particles can be utilized as display elements for electrophoretic display and black inks for printed electronics due to their high colloid stability.