

ATRP as a powerfull tool for polymer design with many purposes

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ATRP (Atom Transfer Radical Polymerisation) is a type of polymerisation, which can be perfectly controlled [1]. Using this mechanism, varied polymer topologies can be achieved [2], moreover the control over polymer composition, its molecular weight and functionality allows obtaining the materials with very unique properties [3].

Herein, we present the properties of star-shaped polymers, used as universal nanoreactors for the synthesis of titanium (IV) oxide nanoparticles. Obtained nanocomposites acted as components of dielectric layer in OFETs (Organic Field Electric Transistors) [4].

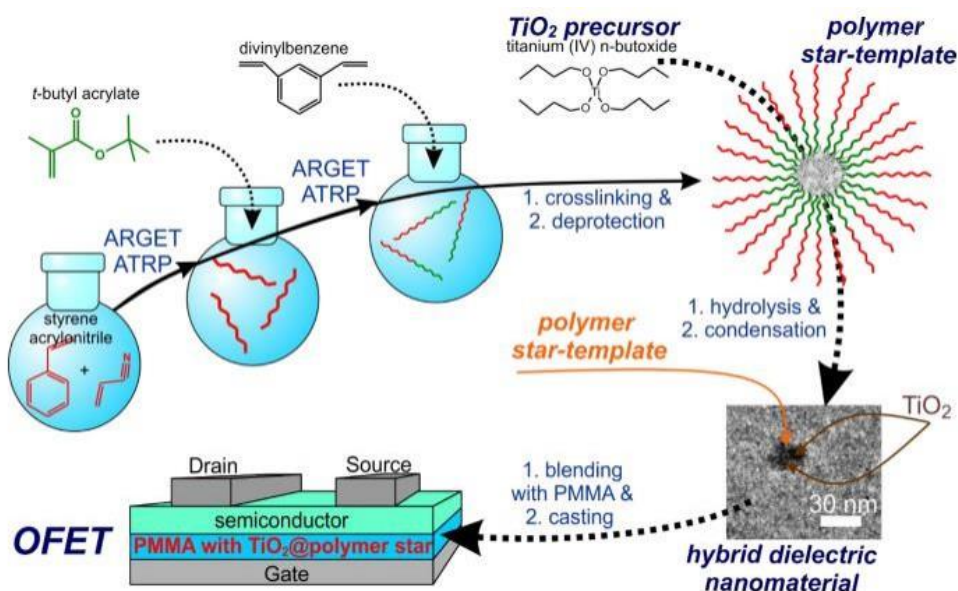


Figure 1: Caption of your figure: Times New Roman, 11 points.

References

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