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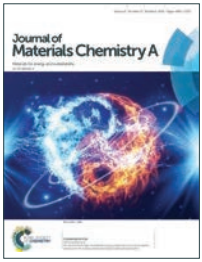

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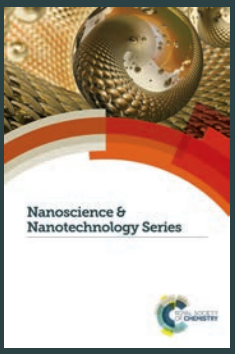

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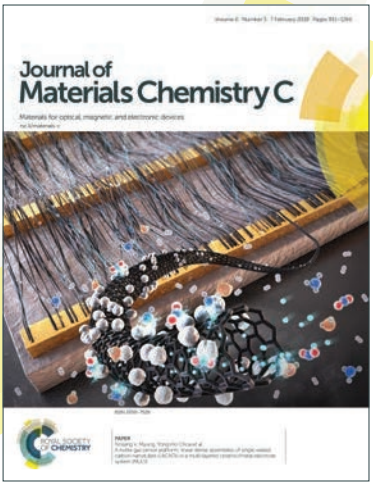

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Content highlights

Designed synthesis, morphology evolution and enhanced photoluminescence of a highly efficient red dodec-fluoride phosphor, $Li_3Na_3Ga_2F_{12}:Mn^{4+}$, for warm WLEDs

Mengmeng Zhu, Yuexiao Pan, Yaqi Huang, Hongzhou Lian and Jun Lin

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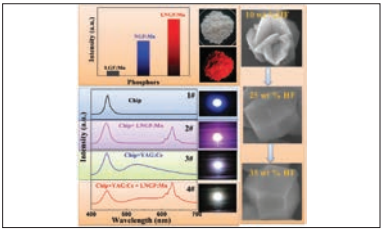

Aluminium/gallium, indium/gallium, and aluminium/indium co-doped ZnO thin films deposited *via* aerosol assisted CVD

Dominic B. Potter, Michael J. Powell, Ivan P. Parkin and Claire J. Carmalt

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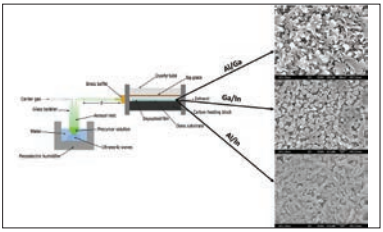

Characterization of the structural, mechanical, and electronic properties of fullerene mixtures: A molecular simulations description

Naga Rajesh Tummala, Saadullah G. Aziz, Veaceslav Coropceanu and Jean-Luc Bredas

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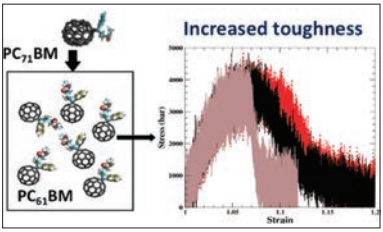

Soluble phenylenedioxythiophene copolymers *via* direct (hetero)arylation polymerization: A revived monomer for organic electronics

James F. Ponder, Jr., Brian Schmatz, Jeff L. Hernandez and John R. Reynolds

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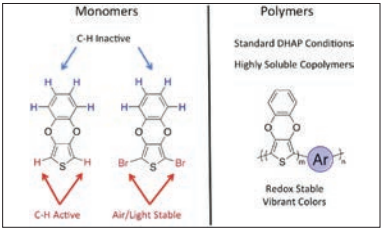

The surface chemistry of iron oxide nanocrystals: Surface reduction of γ-Fe_2O_3 to Fe_3O_4 by redox-active catechol surface ligands

P. Daniel, S. I. Shylin, H. Lu, M. N. Tahir, M. Panthöfer, T. Weidner, A. Möller, V. Ksenofontov and W. Tremel

Journal of Materials Chemistry C, 2018, **6**, 326-333

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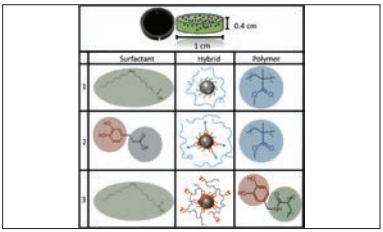

Light-emitting diodes of colloidal quantum dots and nanorod heterostructures for future emissive displays

Yiran Jiang, Seong-Yong Cho and Moonsub Shim

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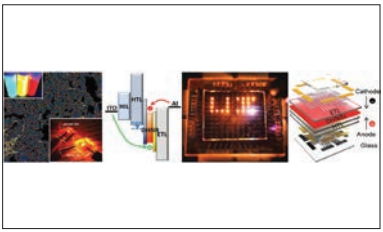

Multifunctional cellulose-paper for light harvesting and smart sensing applications

António T. Vicente, Andreia Araújo, Manuel J. Mendes, Daniela Nunes, Maria J. Oliveira, Olalla Sanchez-Sobrado, Marta P. Ferreira, Hugo Águas, Elvira Fortunato and Rodrigo Martins

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