

Accepted Manuscript

Optimizing the gas sensing properties of sandwich-type phthalocyaninato europium complex through extending the conjugated framework

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PII: S0143-7208(18)31604-8

DOI: [10.1016/j.dyepig.2018.09.062](https://doi.org/10.1016/j.dyepig.2018.09.062)

Reference: DYPI 7044

To appear in: *Dyes and Pigments*


Received Date: 20 July 2018

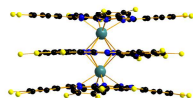
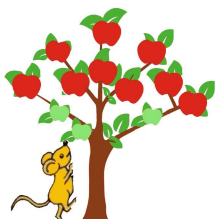
Revised Date: 17 September 2018


Accepted Date: 25 September 2018

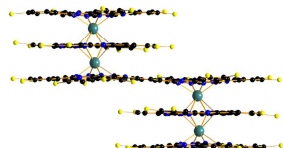
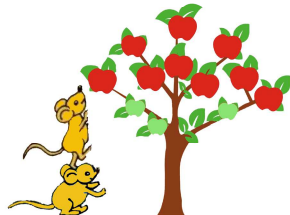
Please cite this article as: Lu G, Kong X, Wang C, Zhao L, Qi D, Jiang Y, Zhao S, Chen Y, Jiang J, Optimizing the gas sensing properties of sandwich-type phthalocyaninato europium complex through extending the conjugated framework, *Dyes and Pigments* (2018), doi: <https://doi.org/10.1016/j.dyepig.2018.09.062>.

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 $\mu_e: 4.30 \times 10^{-7} \text{ cm}^2 \text{ V}^{-1} \text{ s}^{-1}$
 $\mu_h: 0.70 \times 10^{-7} \text{ cm}^2 \text{ V}^{-1} \text{ s}^{-1}$
Sensitivity: 23.4% ppm^{-1}



 $\mu_e: 0.06 \text{ cm}^2 \text{ V}^{-1} \text{ s}^{-1}$
 $\mu_h: 0.07 \text{ cm}^2 \text{ V}^{-1} \text{ s}^{-1}$
Sensitivity: 46.7% ppm^{-1}



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