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Cover
See Feng Li *et al.*, pp. 14144–14152.

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Inside cover
See Yu Xiao *et al.*, pp. 14153–14162.

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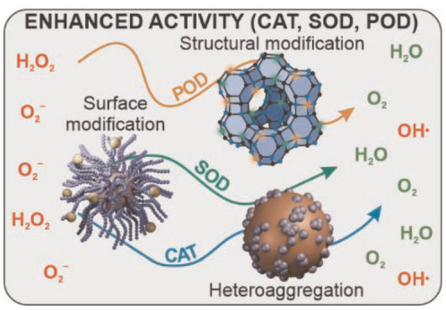

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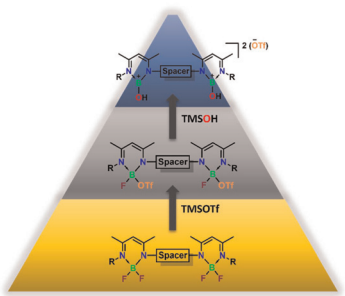

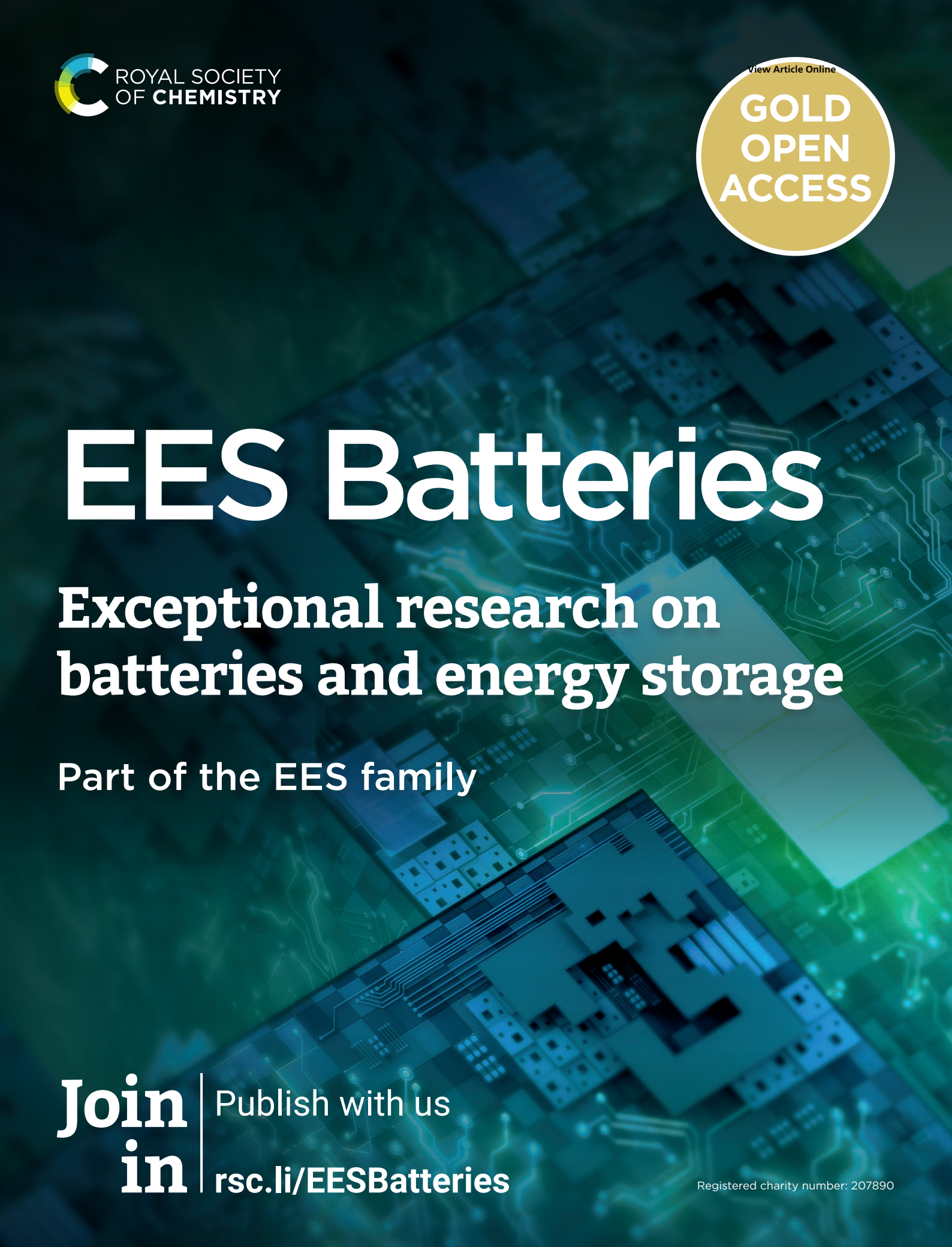
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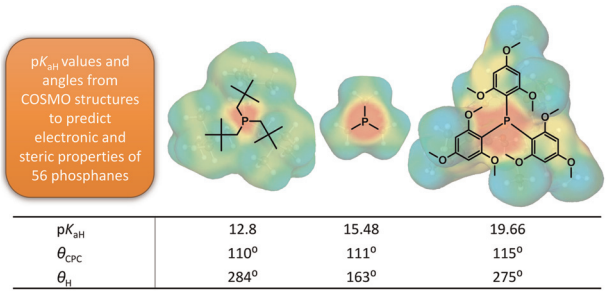

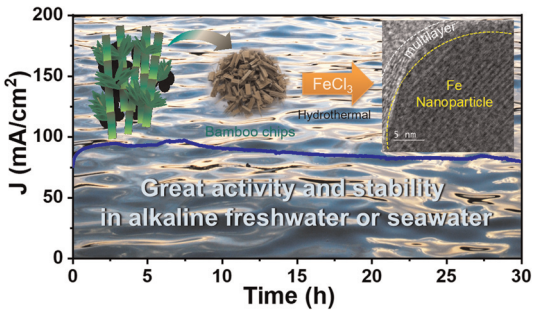

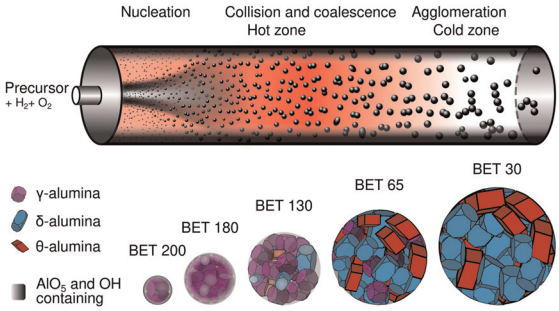

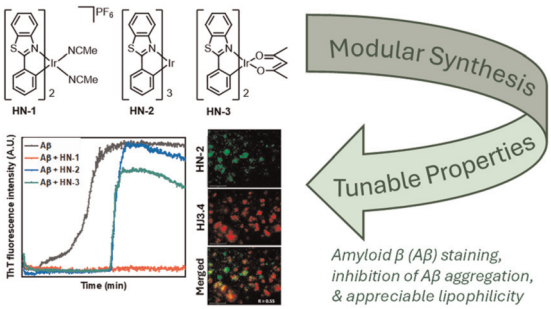

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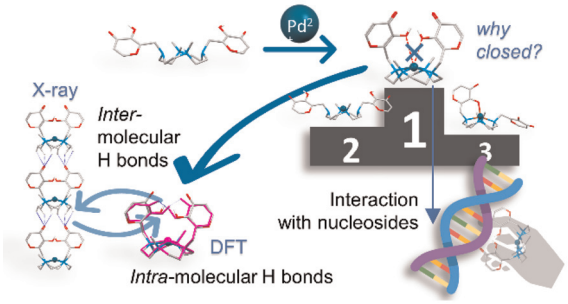

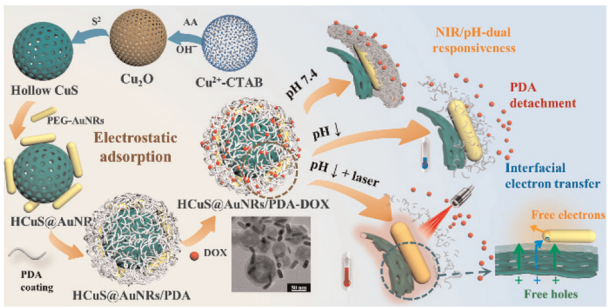

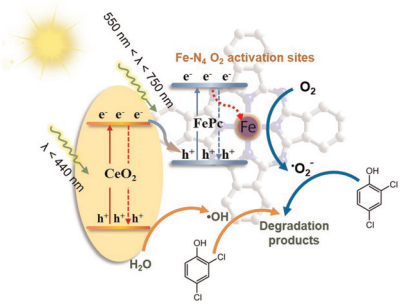

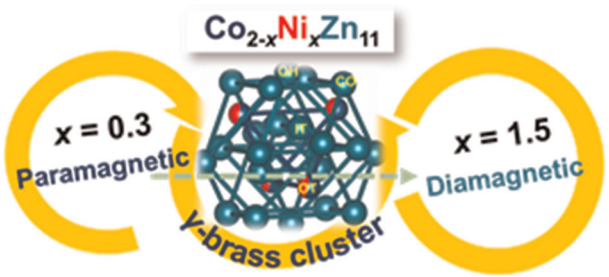

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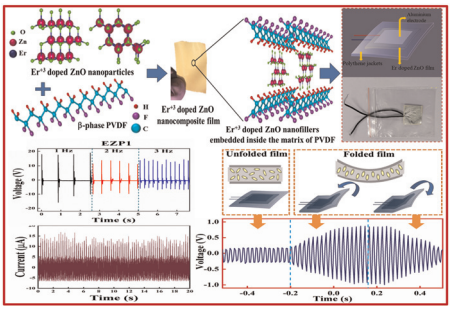
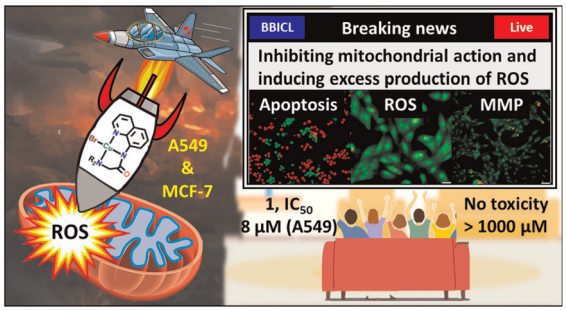


Fabrication of rare earth-doped ZnO-PVDF flexible nanocomposite films for ferroelectric response and their application in piezo-responsive bending sensors

Subhojit Dutta, Tanmoy Chakraborty, Shivam Sharma, Dhananjoy Mondal, Aliva Saha, Anup Kumar Pradhan, Chanchal Chakraborty, Sukhen Das* and Soumyaditya Sutradhar*

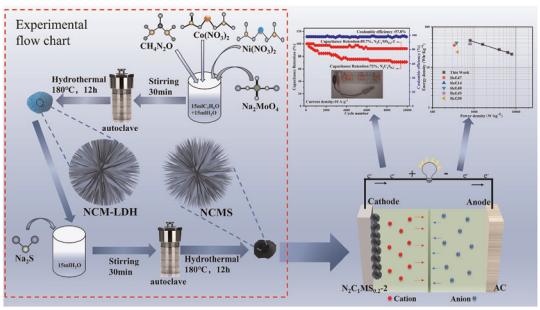
14364



Unravelling the mechanism of apoptosis induced by copper(II) complexes of NN_2-pincer ligands in lung cancer cells

Athulya Das and Muniyandi Sankaralingam*

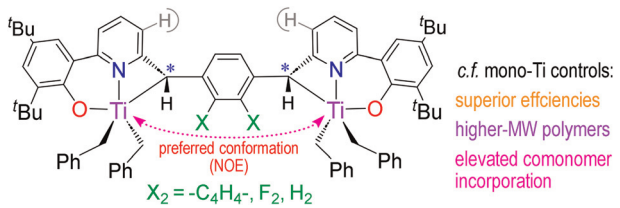
14378



Optimisation of Mo doping to form NiCoMo ternary sulphides for high performance charge storage

Qiang Long, Chenhan Xiong, Jingbo Li, Zhihong Yang, Guoping Du and Nan Chen*

14391



Bis-[C(sp^3)-chelating] Ti_2 catalysts supported by arylene-1,4-diyl-2,3-X_2 bridges for olefin copolymerisation: X substituents impose conformational cooperative effects

Yufang Li, Junhui Bao, Qian Liu, Man-Kit Tse and Michael C. W. Chan*

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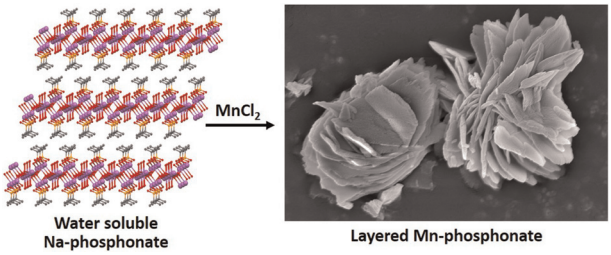

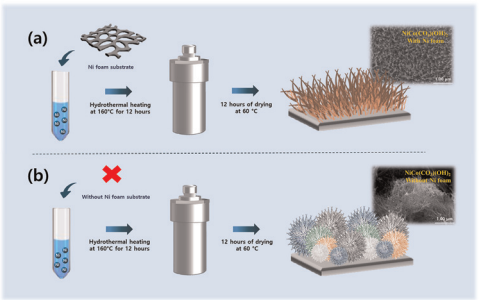

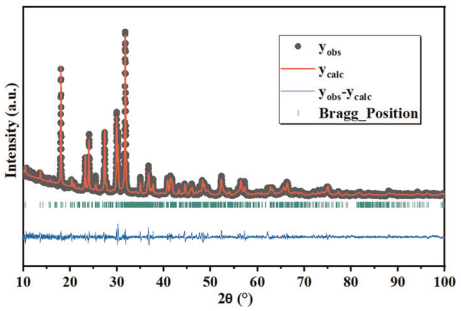

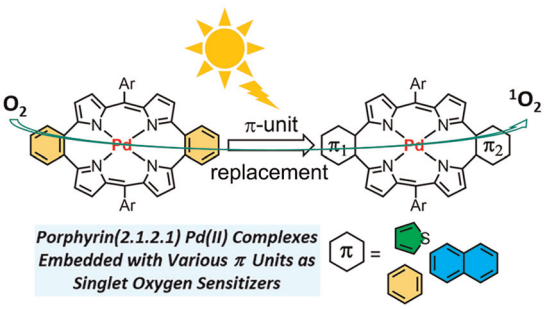

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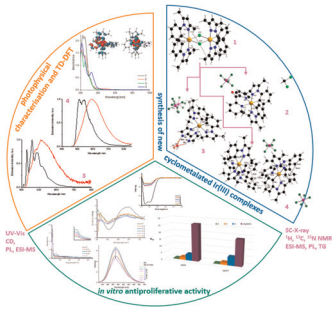
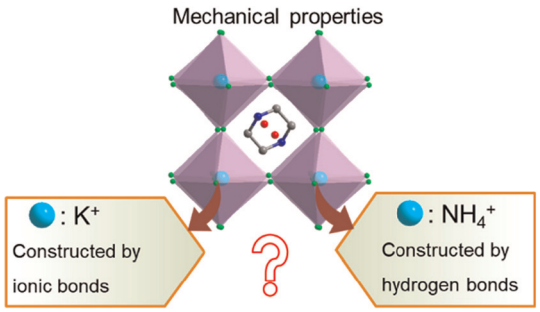


Synthesis, photophysical characterisation, quantum-chemical study and *in vitro* antiproliferative activity of cyclometalated Ir(III) complexes based on 3,5-dimethyl-1-phenyl-1*H*-pyrazole and N,N-donor ligands

Joanna Masternak,* Karol Okła, Adam Kubas, Jiří Voller, Karolína Kozlanská, Małgorzata Zienkiewicz-Machnik, Agnieszka Gilewska, Jerzy Sitkowski, Anna Kamecka, Katarzyna Kazimierczuk and Barbara Barszcz

14451



B-site substitution effects on the mechanical properties of halide perovskites $[C_4H_{12}N_2][BCl_3]\cdot H_2O$ (B = NH_4^+; K^+)

Kai Li,* Zhi-Gang Li, Yong-Qiang Chen* and Wei Li

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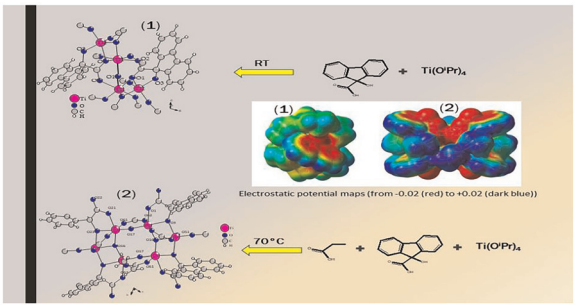

Investigation of titanium(IV)-oxo complexes stabilized with α-hydroxy carboxylate ligands: structural analysis and DFT studies

Barbara Kubiak,* Tadeusz Muzioł, Mirosław Jabłoński, Aleksandra Radtke and Piotr Piszczek*

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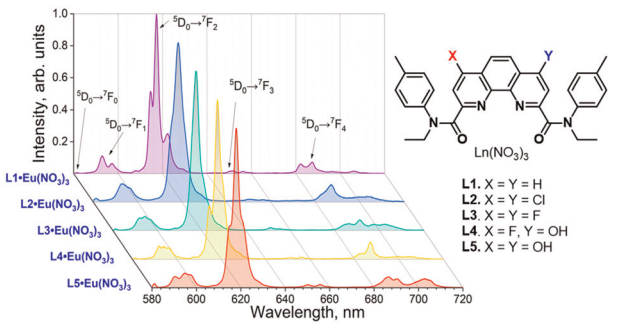

4,7-Substituted 1,10-phenanthroline-2,9-dicarboxamides: photophysics of ligands and their complexes with the Eu–Gd–Tb triad

Nane A. Avagyan, Pavel S. Lemport, Trofim A. Polikovskiy, Alisia V. Tsorieva, Mikhail T. Metlin, Ilya V. Taydakov, Roman V. Zonov, Konstantin A. Lyssenko, Mikhail F. Vokuev, Igor A. Rodin, Boris N. Tarasevich, Yuri A. Ustynyuk and Valentine G. Nenajdenko*

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