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## Publications [9]

- Joyce Azzi, Lizette Auezova, **Pierre-Edouard Danjou**, Sophie Fourmentin, Hélène Greige-Gerges, First evaluation of drug-in-cyclodextrin-in-liposomes as an encapsulating system for nerolidol, *Food Chem.*, 255, **2018**, 399-404  
<https://doi.org/10.1016/j.foodchem.2018.02.055> (IF=4.53)
- Joyce Azzi, **Pierre-Edouard Danjou**, David Landy, Steven Ruellan, Lizette Auezova, Hélène Greige-Gerges, Sophie Fourmentin, The effect of cyclodextrin complexation on the solubility and photostability of nerolidol as pure compound and as main constituent of cabreuva essential oil. *Beilstein J. Org. Chem.* 13, **2017**, 835–844.  
<http://dx.doi.org/10.3762/bjoc.13.84> (IF=2.70)
- Guillaume Vermet, Stéphanie Degoutin, F. Chai, M. Maton, C. Flores, C. Neut, **Pierre-Edouard Danjou**, Bernard Martel, Nicolas Blanchemain, Prolonged delivery of ciprofloxacin from a cyclodextrin modified PLLA knit for visceral surgery purposes. *Acta Biomaterialia*. 53, **2017**, 222-232 (IF=6.01)  
<http://dx.doi.org/10.1016/j.actbio.2017.02.017>
- Isabelle Delsarte, **Pierre-Edouard Danjou**, Etienne Veignie, Catherine Rafin, Synthesis of modified potato starches for aqueous solubilization of benzo[a]pyrene. *Carbohydrate Polymers*, 144, **2016**, 83-88  
<http://dx.doi.org/10.1016/j.carbpol.2016.01.071> (IF=4,07)
- François Delattre, Francine Cazier-Dennin, Ludovic Leleu, Dorothée Dewaele, David Landy, Isabelle Mallard, **Pierre-Edouard Danjou**, Carbazole-desferrioxamine: a highly useful Fe<sup>3+</sup> sensitive probe for airborne particulate matter. *Talanta*, 144, **2015**, 451-455  
<http://dx.doi.org/10.1016/j.talanta.2015.06.071> (IF=3,55)
- **Pierre-Edouard Danjou**, Gaël De Leener, Damien Cornut, Steven Moerkerke, Samir Mameri, Angélique Lascaux, Johan Wouters, Andrea Brugnara, Benoit Colasson, Olivia Reinaud, Ivan Jabin, Supramolecular Assistance for the Selective Demethylation of Calixarene-Based Receptors. *The Journal of Organic Chemistry*, 80, **2015**, 5084-5091  
<http://dx.doi.org/10.1021/acs.joc.5b00464> (IF=4,72)

- Matthieu Becuwe, **Pierre-Edouard Danjou**, Francine Cazier-Dennin, Patrice Woisel, François Delattre, Immobilization of fluorescent chemosensor on pyrogenic silica: A promising device for gaseous detection, *Journal of Colloid and Interface Science*, 450, **2015**, 62–67  
<http://dx.doi.org/10.1016/j.jcis.2015.02.041> (IF=3,37)
- **Pierre-Edouard Danjou**, Joël Lyskawa, François Delattre, Matthieu Becuwe, Patrice Woisel, Steven Ruellan, Sophie Fourmentin, Francine Cazier-Dennin, New fluorescent and electropolymerisable N-azacrown carbazole as a selective probe for iron (III) in aqueous media. *Sensors and Actuators B: Chemical*, 171–172, **2012**, 1022-1028.  
<http://dx.doi.org/10.1016/j.snb.2012.06.027> (IF=4.10)
- **Pierre-Edouard Danjou**, Damien Wallyn, Francine Cazier-Dennin, François Delattre, Ultrasound-promoted tosylation of oligo(ethylene glycols). *Ultrasonics Sonochemistry*, 19 (6), **2012**, 1201-1204.  
<http://dx.doi.org/10.1016/j.ultsonch.2012.04.010> (IF=4.32)

## Guest Editor

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- Special Issue Guest Editor: "Supramolecules for Catalysis". Catalysts, MDPI

[https://www.mdpi.com/journal/catalysts/special\\_issues/Supramolecules](https://www.mdpi.com/journal/catalysts/special_issues/Supramolecules)

## Peer review

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- SynOpen, Thieme (Crowd Reviewer)
- Catalysts, MDPI
- Analytical Methods, Royal Society of Chemistry
- Analytica Chimica Acta, Elsevier
- Oriental Journal of Chemistry, Oriental Scientific Publishing Company

## Supervision

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- Post-doc
- Ahmad Rifai, Synthesis of Calix[4]pyrrole for chelation of metallic species. Funding IAEA (6 month) 2016-2017

➤ PhD students

- Nancy Al Haddad, Synthesis of new complexing entities based on Calix[4]pyrrole for radionuclide decontamination, 2017-2020.
- Corentin Musa, Sonochemical synthesis of renewable materials from flax, 2016-2019.
- Joyce Azzi, Encapsulation of actives compounds in cyclodextrines, 2014-2017.