

# LIST OF PUBLICATIONS

## 2023

- P-56** / G. Mpacko Priso, M. Haouas, N. Leclerc, C. Falaise\*, and E. Cadot; *Clustering six electrons within "Dawson-like" Polyoxometalate: an open route toward its post-functionalization*; **Angew. Chem. Int. Ed.** (2023), e202312457
- P-55** / M Haouas,\* C. Falaise, N. Leclerc, S. Floquet and E. Cadot; [NMR Spectroscopy to Study Cyclodextrin-Based Host-Guest Assemblies with Polynuclear Clusters](#); **Dalton Trans.** (2023), 52, 13467-13481
- P-54** / A. Fatima, Y. Smortsova, C. Falaise\*, N. Leclerc, M Haouas, E. Cadot, S. Cordier, T. Pino, C. Dablemont, R. Méallet-Renault,\* K. Steenkeste,\* and M.-H. Ha-Thi\*; [Photo-induced Electron Transfer Between a Noble-Metal-Free \[Mo<sub>6</sub>I<sub>8</sub>Cl<sub>6</sub>\]<sup>2-</sup> Cluster-Based Complex and Polyoxometalates](#); **Chem. Commun.** (2023), 59, 10988-10991
- P-53** / D. Cebotari, S. Calancea, J. Marrot, R. Guillot, C. Falaise, V. Guérineau, D. Touboul, M. Haouas, A. Gulea,\* and S. Floquet\*; [Tuning the nuclearity of \[Mo<sub>2</sub>O<sub>2</sub>S<sub>2</sub>\]<sup>2+</sup>-based assemblies by playing with the degree of flexibility of bis-thiosemicarbazones ligands](#); **Dalton Trans.** (2023), 52, 3059-3071
- P-52** / A. Ivanov, P. Abramov \*, M. Haouas, Y. Molard, S. Cordier, C. Falaise, E. Cadot and M. Shestopalov; [Supramolecular host-guest assemblies of \[M<sub>6</sub>Cl<sub>14</sub>\]<sup>2-</sup>, M = Mo, W, clusters with  \$\gamma\$ -cyclodextrin for the Development of CLUSPOMs](#); **Inorganics** (2023), 11, 77
- P-51** / C. Falaise\*, G. Mpacko Priso, N. Leclerc, M. Haouas and E. Cadot; [Making heterometallic Metal-Metal Bonds in Keggin-type Polyoxometalates by Six-Electron Reduction Process](#); **Inorg. Chem.** (2023), 62, 6, 2494-2502
- P-50** / K. Grzhegorzhevskii,\* M. Haouas, M. Lion, A. Vashurin, A. Denikaev, Y. Marfin, G. Kim, C. Falaise and E. Cadot\* ; [Gigantic Supramolecular Assemblies built from Dynamic Hierarchical Organization between Inorganic Nanospheres and Porphyrins](#); **Chem. Commun.** (2023), 59, 86-89

## 2022

- P-49** / B. Fabre\*, C. Falaise\* and E. Cadot; [Polyoxometalates-Functionalized Electrodes for \(Photo\)Electrocatalytic Applications: Recent Advances and Prospects](#); **ACS Catal.** (2022), 12, 19, 12055-12091
- P-48** / A. Ivanov\*, M. Haouas\*, D. Evtushok, T. Pozmogova, T. Golubeva, Y. Molard, S. Cordier, C. Falaise, E. Cadot and M. Shestopalov\*; [Stabilization of Octahedral Metal Halide Clusters by Host-Guest Complexation with  \$\gamma\$ -Cyclodextrin: Toward Non-Toxic Luminescent Compound](#); **Inorg. Chem.** (2022), 61, 36, 14462-14469
- P-47** / I. F. Bamba, C. Falaise\*, J. Marrot, G. K. Gbassi, P. Atheba, R. Guillot, M. Haouas and E. Cadot\*; [Revisiting the Three-Vanadium Sandwich Type Polyoxometalates: Structures, Solution Behavior and Redox Properties](#). **Inorg. Chem.** (2022), 61, 8309-8319
- P-46** / S. Yao, C. Falaise, N. Leclerc, C. Roch-Marchal, M. Haouas\* and E. Cadot; [Improvement of the Hydrolytic Stability of the Keggin Molybdo- and Tungsto-phosphate Anions by Cyclodextrins](#). **Inorg. Chem.** (2022), 61, 4193-4203
- P-45** / S. Khelifi, J. Marrot, M. Haouas, W. Shepard, C. Falaise\* and E. Cadot; [Chaotropic Effect as Assembly Motif to Construct Supramolecular Cyclodextrin-Polyoxometalate based Frameworks](#). **J. Am. Chem. Soc.** (2022), 144, 4469-4477

## 2021

- P-44** / Y. Smortsova, C. Falaise, A. Fatima, M. Ha-Thi\*, R. Méallet-Renault, K. Steenkeste, S. Al-Bacha, T. Chaib, L. Assaud, M. Lepeltier, N. Leclerc, M. Haouas, T. Pino and E. Cadot\*. [Time-Resolved Spectroscopy and High Efficiency Light-driven Hydrogen Evolution of a {Mo<sub>3</sub>S<sub>4</sub>}-Containing Polyoxometalate-Based System](#). **Chem. Eur. J.** (2021), 27, 17094-17103
- P-43** / I. F Bamba, C. Falaise\*, J. Marrot, P. Atheba, G. Gbassi, D. Landy, W. Shepard, M. Haouas and E. Cadot\*. [Host-Guest Complexation Between Cyclodextrins and Hybrid Hexavanadates: What are the Driving Forces?](#) **Chem. Eur. J.** (2021), 24, 13467-13478
- P-42** / N. Leclerc\*, M. Haouas\*, C. Falaise, S. Al Bacha, L. Assaud and E. Cadot; [Supramolecular Association between  \$\gamma\$ -Cyclodextrin and Preyssler-Type Polyoxotungstate](#); **Molecules.** (2021) 26, 5126

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**P-40** / S. Yao, C. Falaise, S. Khelifi, N. Leclerc, M. Haouas\*, D. Landy and E. Cadot\*; [Redox-Responsive Host-Guest Association between  \$\gamma\$ -Cyclodextrin and Mixed-Metal Keggin-Type Polyoxometalates](#); **Inorg. Chem.** (2021) 60 (10), 7433-7444

**P-39** / S. Yao, C. Falaise, A. A. Ivanov, N. Leclerc, M. Hohenschutz, M. Haouas\*, D. Landy, M. Shestopalov, P. Bauduin and E. Cadot\*; [Hofmeister Effect in the Keggin-type Polyoxotungstate Series](#); **Inorg. Chem. Front.**, (2021), 8 (1), 12-25

## 2020

**P-38** / I. Fa Bamba, C. Falaise, G.K. Gbassi, P. Atheba, M. Haouas and E. Cadot\*; [N-tert-butoxycarbonyl \(BOC\) protected  \$\[V\_6O\_{13}\{\(OCH\_2\)\_3CNH\_2\}\_2\]^{2-}\$ : synthesis, structural characterization, and solution behavior](#); **J. Coord. Chem.** (2020) 73 (17-19), 2567-2578

**P-37** / I. Colliard, C. Falaise and M. Nyman\*; [Bridging the Transuranics with Uranium \(IV\) Sulfate Aqueous Species and Solid Phases](#); **Inorg. Chem.** (2020) 59 (23), 17049-17057

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**P-34** / A. A. Ivanov\*, T. N. Pozmogova, A. O. Solovieva, T. S. Frolova, O. I. Sinitsyna, O. V. Lundovskaya, A. R. Tsygankova, M. Haouas, D. Landy, E. Benassi, L. V. Shestopalova, C. Falaise, E. Cadot, M. A. Shestopalov, P. A. Abramov\* and M. N. Sokolov, [From Specific  \$\gamma\$ -CD/ \$\[Nb\_6Cl\_{12}\(H\_2O\)\_6\]^{2+}\$  Recognition to Biological Activity Tuning](#); **Chem. Eur. J.** (2020), 26, 7479-7485

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