

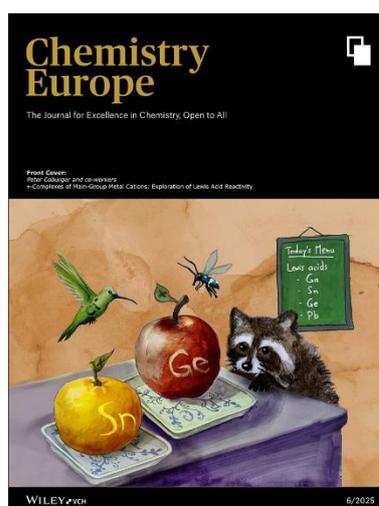
COMPLETE LIST OF PUBLICATIONS (in chronological order, a star marks corresponding author and joint corresponding author papers)

[49] S. Frei, M. Neuwirt, **P. Coburger***, Modular Design Enables Access to Onium-Substituted Diphosphacyclobutadienyl Complexes, *CEUR* **2026**, *4*, e202500475.

[48] C. Fajman, D. Dankert, **P. Coburger**, W. Klein, T. Fässler, Endohedral anionic nine-atom Zintl clusters of the elements tin and lead with lithium counterions, *Chem. Sci.* **2026**, *17*, 5498 - 5509.

[47] Z. Li, J. Borger, T. Gianetti, F. Müller, B. Pribanic, **P. Coburger***, H Grützmacher*, Sodium phosphoethynolate as P-source for the synthesis of molecular rhodium phosphides: an exploratory study, *Dalton Trans.* **2025**, *54*, 16718 - 16726.

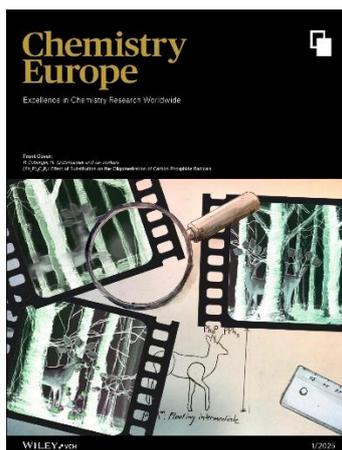
[46] D. Zuber, S. Frei, **P. Coburger***, π -Complexes of Main-group Metal cations: Exploration of Lewis acid reactivity, *CEUR* **2025**, *3*, e20250199 (front cover).



[45] D. Zuber, O. Storcheva, K. P. Lüdtkke, L. Brunk, **P. Coburger***, Redox-induced Dimerisations of a phosphacyclic Biradicaloid, *Chem. Commun.* **2025**, *61*, 2798 – 2801.

[44] **P. Coburger***, T. Hadlington*, On the role of aurophilic interactions in determining geometries in $[\text{Pn}(\text{AuL})_4]^+$ complexes (Pn = N, P, As), *ZAAC* **2024**, e202400198.

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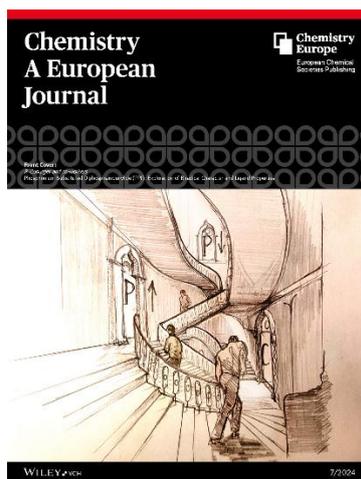
[41] A. Straube, **P. Coburger**, E. Hey-Hawkins, Homotrinary ruthenium (ii) and rhodium (i) complexes of redox-active tris (ferrocenyl) arene-based tris-phosphanes, *RSC Adv.* **2024**, *14*, 24652-24660.

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[35] N. Willeit, W. Klein, **P. Coburger**, D. E. Fritz-Langhals, Th. Fässler, Functionalised [Ge₉Ni] Clusters as Homogeneous Single-Site Catalysts for Olefin Isomerisation Reactions, *ChemCatChem* **2023**, e202301200.

[34] **P. Coburger,*** C. Schweinzer, Z. Li, H. Grützmacher,* Reversible Single Electron Redox Steps Convert Polycycles with a C₃P₃ Core to a Planar Triphosphinine, *Angew. Chem. Int. Ed.* **2023**, 62, e2022145148 (Hot Paper “Redox Chemistry”, shared corresponding author with H. Grützmacher).

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[29] H. Jayaprakash, **P. Coburger**, M. Wörle, A. Togni, H. Grützmacher, Recyclable Mn(I) Catalysts for Base-Free Asymmetric Hydrogenation: Mechanistic, DFT and Catalytic Studies, *Chem. Eur. J.* **2022**, *28*, e202201522.

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[23] **P. Coburger**,* R. Wolf,* H. Grützmacher,* Isomerism and Biradical Character of Tetrapnictide Dianions: A Computational Study, *Eur. J. Inorg. Chem.* **2020**, *37*, 3580-3586 (joint corresponding author with H. Grützmacher).

[22] T. Maier, M. Gawron, **P. Coburger**, M. Bodensteiner, N. van Leest, B. de Bruin, S. Demeshko, F. Meyer, R. Wolf, Low-Valence Anionic α -Diimine Iron Complexes: Synthesis, Characterization, and Catalytic Hydroboration Studies, *Inorg. Chem.* **2020**, *59*, 16035-16052.

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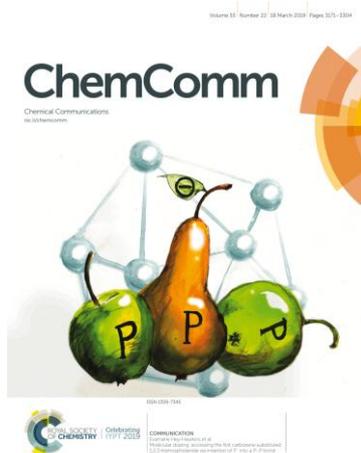
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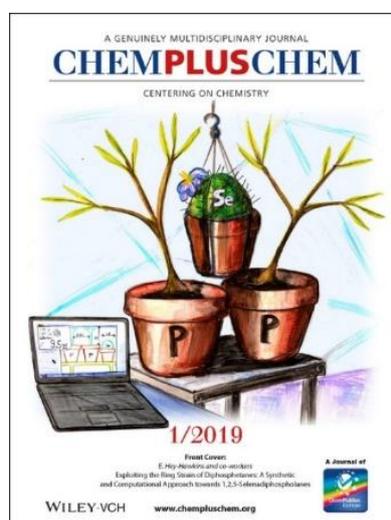
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