Prof. Dr. Manuel Alcarazo

List of Publications

2026

118. M. Kaste, T. Heilmann, J. Kircher, C. Golz, R.A. Mata, M. Alcarazo.
Synthesis and reactivity of a strongly pyramidalized P(III)-compound embedded into a pyrrolide (ONO) $^{3-}$ pincer ligand.
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117. N.S. Wenzel, P.C. Brehm, M. Mücke, M.A. Ansari, B. Worbs, M. Simon, C. Golz, R.A. Mata, M. Alcarazo.
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J. Am. Chem. Soc. **2026**, *148*, 3852-3861.

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116. D. Gaviña, Z. Feng, D. Herrero, M. Simon, C. Golz, M. Alcarazo.
Introducing the Cis-2,3-Bis(trifluoromethyl)cyclopropyl Chemotype: Late-Stage Installation and Stereoelectronic Properties.
ChemistryEurope **2025**, e202500384.

115. W. Fu, M. Simon, C. Golz, M. Alcarazo.
Enantioselective synthesis and racemization dynamics of trithia[5]helicenes derived from the dithieno[2,3-*b*:30,20-*d*]-thiophene unit.
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114. S.B.H. Karnbrock, J.F. Köster, I. Becker, C. Golz, F. Meyer, M. Gimferrer, M. Alcarazo.
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Chem. Sci. **2025**, *16*, 14178-14185.

113. S. Timmann, M.T.H. Dilchert, J. Dietzel, V.S. Pölt, M.R. Wennekamp, C. Golz, M. Alcarazo.
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ACS. Catal. **2025**, *15*, 7232-7240.

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Isolation of a Square Pyramidal Bis(amidophenolate)-Supported As(III)-Cation: Coordination-Induced Electromerism at As.
Angew. Chem. Int. Ed. **2025**, e202501439.

111. M. Alcarazo.
Dibenzothiophenium Salts: Practical Alternatives to Hypervalent I(III)-Based Reagents.
Acc. Chem. Res. **2025**, *58*, 635-646.

110. D. Rösch, C. Golz, M. Alcarazo.
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Organometallics **2025**, *44*, 179-188.

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Recent Applications of Sulfonium Salts in Synthesis and Catalysis.
Chem. Eur. J. **2024**, *30*, e202402768.

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Enantioselective Synthesis, (Chir)optical Properties, and Postsynthetic Functionalization of Furan-Containing Oxa[5]-, Oxa[6]-, and Dioxa[6]helicenes.
CCS Chem. **2024**, *6*, 2439-2451.

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P(v)-bis(amidophenolate) ligand cooperation: stoichiometric C=O-bond cleavage in aldehydes and ketones.
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106. T. Heilmann, J.M. Lopez-Soria, J. Ulbrich, J. Kircher, Z. Li, B. Worbs, C. Golz, R.A. Mata, M. Alcarazo
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Angew. Chem. Int. Ed. **2024**, e202403826.

105. S. Timmann, T-H. Wu, C. Golz, M. Alcarazo
Reactivity of α-diazo sulfonium salts: rhodium-catalysed ring expansion of indenes to naphthalenes.
Chem. Sci. **2024**, *15*, 5938-5943.

104. B. Worbs, S. Timmann, F. Peng, R. Zhao, M. Alcarazo
Synthesis of 5-(1-Diazo-2-ethoxy-2-oxoethyl) dibenzo[*b*,*d*]thiophenium Triflate.
Org. Synth. **2024**, *101*, 109-123.

103. M. Recort-Fornals, X. Marset, M. Simon, C. Golz, D.J. Ramón, M. Alcarazo
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Adv. Synth.Catal. **2024***, 366,* 877-883.

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Cooperation between p-Block Elements and Redox-Active Ligands: Stoichiometric and Catalytic Transformations.
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101. H.D. Doan, C. Rugen, C. Golz, M. Alcarazo
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93. C.J. Rugen, M. Alcarazo
α-Cationic Phosphines: from Curiosities to Powerful Ancillary Ligands.
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Synthesis of 6*H*-Benzo[c]chromene Scaffolds from *O*-Benzylated Phenols through a C-H Sulfenylation/Radical Cyclization Sequence.
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Synthesis of Cycloheptatrienes, Oxepines, Thiepines, and Silepines: A Comparison between Brønsted Acid and Au-Catalysis.
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