Prof. Dr. Manuel Alcarazo

List of Publications

2025

113. S. Timmann, M.T.H. Dilchert, J. Dietzel, V.S. Pölt, M.R. Wennekamp, C. Golz, M. Alcarazo.
A Photocatalytic Approach to Radical 1-(Trifluoromethyl)cyclopropanation.
ACS. Catal. **2025**, *15*, 7232−7240.

112. S.B.H. Karnbrock, J.F. Köster, C. Golz, R.A. Mata, M. Alcarazo.
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.
Pyrrolo[1,2-*c*]pyrimidin-1-ylidene: A Diamino Carbene Embedded in a Six-Membered Aromatic Scaffold
Organometallics **2025**, *44*, 179-188.

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Chem. Eur. J. **2024**, *30*, e202402768.

108. W. Fu, V. Pelliccioli, R. Casares-López, J.M. Cuerva, M. Simon, C. Golz, M. Alcarazo
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CCS Chem. **2024**, *6*, 2439-2451.

107. S.B.H. Karnbrock, C. Golz, M. Alcarazo.
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Chem. Commun. **2024**, *60*, 6745-6748.

106. T. Heilmann, J.M. Lopez-Soria, J. Ulbrich, J. Kircher, Z. Li, B. Worbs, C. Golz, R.A. Mata, M. Alcarazo
N-(Sulfonio)Sulfilimine Reagents: Non-Oxidizing Sources of Electrophilic Nitrogen Atom for Skeletal Editing.
Angew. Chem. Int. Ed. **2024**, e202403826.

105. S. Timmann, T-H. Wu, C. Golz, M. Alcarazo
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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
Photocatalytic Functionalization of
Heptacyclo[6.6.0.02,6.03,13.04,11.05,9.010,14]Tetradecane.
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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100. Z. Feng, L. Riemann, Z. Guo, D. Herrero, M. Simon, C. Golz, R.A. Mata, M. Alcarazo
Pentafluorocyclopropanation of (Hetero)arenes Using Sulfonium Salts: Applications in Late-Stage Functionalization.
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α-Diazo-λ^3-iodanes and α-diazo sulfonium salts: the umpolung of diazo compounds.
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α-Cationic Phosphines: from Curiosities to Powerful Ancillary Ligands.
Synlett **2022**, *33*, 16-26.

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