List of all Publications Prof. Dr. C.C. Lu

[75]
Unraveling the Mechanism of a Co(−I)–Ga Photoreductant in the Catalytic Hydrodefluorination of Electron-Rich Fluoroarenes
Lam, F. Y. T. †; Dorantes, M. J.†; Schaffner, J.; Bergmann, T.; van Gastel, M.; Schnakenburg, G.; Young, Jr.,V. G.; Blank, D. A.*; Lu, C. C.* *J. Am. Chem. Soc.* **2026,** *148*, 6097–6108.
https://doi.org/10.1021/jacs.5c16672

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Varying Reversible C-H Bond Activation of Unactivated Arenes by a Nickel-Silylene Complex
Gomm, L.; Zhu, H.; Schnakenburg, G.; Nozinovic, S.; Grimme, S.*, Lu, C. C.*
J. Am. Chem. Soc. **2025***, 147*, 3*2, 28632–28637*
https://doi.org/10.1021/jacs.5c10922

[73]
Varying Lewis Acidity, Covalency, and Halide Mobility to Govern Oxidative Addition Reactivity of Ni-Group 13 Bimetallic Complexes
Schwartz, T. M.; Zhu, H.; Graziano, B. J.; Schnakenburg, G.; Grimme, S.*; Lu, C. C.*
*Organometallics **2024**, 43, 2872-2881*
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Structure and Site Evolution of Framework Ni Species in MIL-128 MOFs for Propylene Oligomerization Catalysis
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Moore, J. T.; Dorantes, M. J.; Pengmei, Z.; Schwartz, T. M.; Schaffner, J.; Apps, S. L.; Gaggioli, C. A.; Das, U.; Gagliardi, L.; Blank, D. A.; Lu, C. C.* *Angew. Chem. Int. Ed.* **2022***, e202205575*
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Prat, J. R.; Cammarota, R. C.; Graziano, B. J.; Moore, J. T.; Lu, C. C*
Chem. Comm. **2022,** *58,* 8798-8801
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One-electron Bonds in Copper-Aluminum and Copper-Gallium Complexes
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Site Densities, Rates, and Mechanism of Stable Ni/UiO-66 Ethylene Oligomerization Catalysts
Yeh, B.; Vicchio, S. P.; Chheda, S.; Zheng, J.; Schmid, J.; Löbbert, L.; Bermejo-Deval, R.; Gutiérrez, O. Y.; Lercher, J. A.; Lu, C. C.; Neurock, M.; Getman, R. B.; Gagliardi, L.*; Bhan, A.*
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Beyond Radical Rebound: Methane Oxidation to Methanol Catalyzed by Iron Species in Metal–Organic Framework Nodes

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Size Control of the MOF NU-1000 through Manipulation of the Modulator/Linker Competition
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Simons, M. C.; Vitillo, J. G.; Babucci, M.; Hoffman, A. S.; Boubnov, A.; Beauvais, M. L.; Chen, Z.; Cramer, C. J.; Chapman, K. W.; Bare, S. R.; Gates, B. C.; Lu, C. C.; Gagliardi, L*
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Ryan C. Cammarota†, Jing Xie J. †, Samantha A. Burgess, Matthew V. Vollmer,a Konstantinos D. Vogiatzis, Jingyun Ye, John C. Linehan, Aaron M. Appel, Christina Hoffmann, Xiaoping Wang, Victor G. Young, Jr.a and Connie C. Lu*
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Moore, J. T.† Chatterjee, S.†; Tarrago, M.†; Clouston, L. J.; Sproules, S.; Bill, E.; Bernales, V.; Gagliardi, L.; Ye, S.*; Lancaster, K. M.*; Lu, C. C.*
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