

Joseph M. O'Connor

Publications:

64. “Synthesis and Structural Characterization of ($\eta^5\text{-C}_5\text{H}_5$)Co(PPh₃)(η^2 -alkyne) and Cobaltacyclobutene Complexes,” O’Connor, J. M.; Bunker, K.; Ji, H.; Iranpour, M.; Chen, M. C.; Gantzel, P.; Rheingold, A. L. **2006**, manuscript in preparation.
63. [1 + 2 + 1] Addition of Two Carbenes Across an Alkyne: Metal-Mediated Formation of Highly Substituted 1,3-Dienes,” O’Connor, J. M.; Chen, M. C.; Rheingold, A. L.; Guzei, I. A.; Yap, G. P. A., **2006**, manuscript in preparation.
62. “A Transition-Metal-Catalyzed Enediyne Cycloaromatization”, O’Connor, J. M.; Friese, S. J.; Rodgers, B. L. *J. Am. Chem. Soc.* **2005**, *127*, 16342-16343.
61. “Modern Rhodium-Catalyzed Organic Reactions Edited by P. Andrew Evans (Indiana University)”, Wiley-VCH Verlag GmbH & Co. KGaA: Weinheim. 2005. Xxiv + 474 pp. (Book Review) O’Connor, J. M. *J. Am. Chem. Soc.* **2005**, *127*, 15659-15660.
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56. "Thermolysis of $[(\eta^5\text{-C}_5\text{H}_5)\text{Co}(\text{PPh}_3)(\eta^2\text{-DMAD})]$ Revisited: A Solid State Analysis Reveals the True Structure of the Triphenylphosphine-Alkyne Coupling Product," O'Connor, J. M.; Bunker, K. D. *J. Organomet. Chem.* **2003**, *671*, 1-7.
55. "Ring-Strain Effects on the Oxidation Potential of Enediynes and Enediyne Complexes," Baldridge, K. K.; Donovan-Merkert, B. T.; O'Connor, J.M.; Lee, L.I.; Closson, A.; Fandrick, D.; Tran, T.; Bunker, K.; Fouzi, M.; Gantzel, P. *Org. Biomol. Chem.* **2003**, *1*, 763-766.
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