

PUBLICATIONS

2023

Unravelling the Molecular Structure and Confining Environment of an Organometallic Catalyst Heterogenized within Amorphous Porous Polymers.

R. Jabbour, C.W. Ashling, T.C. Robinson, A.H. Khan, D. Wisser, P. Berruyer, A.C. Ghosh, A. Ranscht, D.A. Keen, E. Brunner, J. Canivet, TD Bennett, C. Mellot-Draznieks, A. Lesage, F.M. Wisser.

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Controlled Growth of a Photocatalytic Metal–Organic Framework on Conductive Plates by Mixing Direct Synthesis and Postsynthetic Modification Strategies. G. Genesio, B. Mortada, A.L. Robinson, J. Maynadié, M. Odorico, C. Mellot-Draznieks, M. Fontecave, M. Carboni, D. Meyer *ACS Appl. Energy Mater.* 2023, 6, 9188–9195. doi:10.1021/acsaem.3c00447

Heterogenized Molecular Rhodium Phosphine Catalysts within Metal–Organic Frameworks for Alkene Hydroformylation.

P. Samanta, A. Solé-Daura, Remy Rajapaksha, Florian M. Wisser, F. Meunier, Y. Schuurman, C. Sasseye, C. Mellot-Draznieks, J. Canivet.

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Tuning Selectivity of Acidic Carbon Dioxide Electrolysis via Surface Modification.

E. Vichou, A. Perazio, Y. Adjez, M. Gomez-Mingot, M.W. Schreiber, C.M. Sánchez-Sánchez, M. Fontecave

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The thiolation of uridine 34 in tRNA, which controls protein translation, depends on a [4Fe-4S] cluster in the archeum *Methanococcus maripaludis*. O. Bimai, J. Zhou, M. Lénon, P. Legrand, J.-L. Ravanat, N. Touati, F. Barras, M. Fontecave, B. Golinelli-Pimpaneau.

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J. Fuchs, R. Jamontas, M. H. Hoock, J. Oltmanns, B. Golinelli-Pimpaneau, V. Schünemann, A. J. Pierik, R. Meškys, A. Aučynaitė, M. Boll.

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C. Bou-Nader, L. Pecqueur, V. de Crécy-Lagard, D. Hamdane

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Heterogenization of molecular cobalt catalysts in robust metal-organic frameworks for efficient photocatalytic CO₂ reduction

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