Descriptors for solid catalysts: 21st century discovery tools
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Citation for published version (APA):
Ras, E. J. (2014). Descriptors for solid catalysts: 21st century discovery tools
Publications


• “The High-throughput research approach to biorefineries—A powerful tool for studying the complexity of catalytic processes”, Jan-Kees van der Waal, Robert-Jan van Putten, Erik-Jan Ras, Martin Lok, Gert-Jan Gruter, Marjolein Brasz and Ed de Jong, Cellulose Chem. Technol., 2011, 45 (7-8), 461-466

• “Understanding catalytic biomass conversion through data mining”, Erik-Jan Ras, Ben McKay and Gadi Rothenberg, Topics in Catalysis, 2010, 53 (15-18) 1202-1208


Several patents were filed by Siluria Technologies where the author is listed as co-inventor. The underlying research that led to these patent applications was performed using the methodology described in this manuscript:

• “Catalysts for petrochemical catalysis”, WO2012162526A2

• “Nano wire catalysts and methods for their use and preparation”, WO2013082318A2