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The list includes 32 publications for an impact factor of 157.89 1. Al Bugaev, OA Usoltsev, AA GUDA, KA Lomachenko, M. Brunelli, E. Groppo, R. Pellegrini, AV Soldatov, JA Van Bokhoven Å « Hydrogenation of ethylene on Palladio: evolution of the catalyst structure operating synchrotron- Discussions of Faraday 2021 229Å 197-207 (Impact factor: 4.008) Doi: 10.1039 / C9FD00 139E Å. 2. A. Ramirez, P. Ticali, D. Salusso, T. CORDERO-LANZAC, S. OULD-CHIKH, CN AHOPA-SAM, AL BUGAEV, E. BORFECCHIA, S. Morandi, M. Stately, S. Bordiga, J. Gason, and U. Olsbye combination for direct conversion of CO2 in propanoÅ »JACS AU 2021 1 (9) Doi: 10.1021 / jacsau.1c00Å 302 3. J. Vercaemmen, M. Bocus, S. Neaale, Aram Bugaev, S. Van Minnebruggen, J. Hajek, Fr. Tomkins, Alexander Soldatov, A. Krajnc, G. Mali, V. Van Speybroeck, De De Vos using the molecular palladium in the natural catalysis of the Zeolites 2020 3 1002Å »1009 (Impact factor: 41.813) Doi: 10.1038 / s41Å 929-020-00 533-6 Å, Å. 4. N. 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