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Dehydrogenation: Beyond the Realm of Oxidation Chemistry

Professor Jitendra Bera received his M. Sc. from University of Kalyani in 1993 and his Ph. D. from Indian Institute of Science, Bangalore in 1999. After a couple of postdoctoral stints at Purdue University and at Texas A&M University, he joined the faculty at IIT Kanpur in 2003. He is fellow of the Indian Academy of Sciences (FASc) and National Academy of Sciences (FNASc). He has also received the CRSI bronze medal in the year 2011. He is editorial advisory board member of ACS journal Organometallics and recipient of the C. N. R. Rao National Prize in Chemical Sciences 2018. Bera's research interests span synthetic, structural and mechanistic organometallic chemistry. Recent efforts are directed toward bifunctional activation of small and abundant molecules and their catalytic transformations to useful and value-added chemicals.

Selected important references:

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