

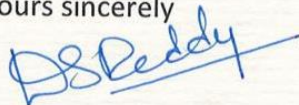
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Citation (Summary) of the research work of
Prof. Dr. Rodney A. Fernandes, Chemistry Department, IIT-Bombay

Prof. Dr. Rodney A. Fernandes is best known for his research work in the area of total synthesis of bioactive natural products, analogues and catalysis. His research group has accomplished the stereoselective total synthesis of more than 35 natural products with elegant strategies and some of them have impressive bioactivities. His recent contribution has been in the development of antibacterial and antitubercular compounds. He has also contributed to the concept of Protecting-Group-Free synthesis of natural products aiming higher efficiency and economy in total synthesis. He has edited a full book on "Protecting-Group-Free Organic Synthesis: Improving Economy and Efficiency" published by John Wiley & Sons, 2018. Some of the synthetic routes has been granted patents. His work in the area of new method development, asymmetric synthesis and catalysis, especially in the π -allylpalladium chemistry and Wacker oxidation has been very impressive with excellent research publications in *J. Am. Chem. Soc.*, *Org. Lett.*, *Chem. Commun.* and *J. Org. Chem.* He is author to 126 research publications in international journals, 8 patents, 1 research book and 5 book chapters. He is also recipient of 'Departmental Award for Excellence in Teaching', 2019, IIT Bombay and 'Outstanding Reviewer Award' of *Chemical Communication* journal of Royal Society of Chemistry, 2019.

With best regards,

Yours sincerely



(D. S. Reddy)

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