An Overview on the Best Top Papers on Open Innovation in 2013

R. Bandarian¹, A. Kiani- Bakhtiari*²

In today's industrial world the survival of enterprises depends on their innovative approaches in line with the global economic system and market.

Innovation is a crucial factor for enterprises to create value and sustainable competitive advantage in today's complicated environment. "Open Innovation" (OI) focuses on crowd sourcing and the use of purposive inflows and outflows of knowledge to accelerate internal innovation, and expand the markets for external use of innovation, respectively. OI has been proposed as new paradigm in innovation management. A search in Google Scholar on open innovation provides over 2 million hits, Henry Chesbrough's 2003 book has gathered more than 1,800 citations in just seven years. Although OI in developed countries with preliminary infrastructure is concerned, however newly derived approaches emerged from open innovation such as Frugal and Reverse innovation is more interested in developing countries. Frugal Innovations responds to limitations in resources, whether financial, material or institutional, and using a range of methods, turns these constraints into an advantage. Reverse innovation, on the other hand, leads to products which are created locally in developing countries, tested in local markets, and, if successful, then upgraded for sale and delivery in the developed world.

In this Paper on the bases of rankings of the Social Sciences Research Network (SSRN) database, the best most cited papers on Open Innovation and related topics that have been published in 2013 containing new theories, recent case studies, preliminary results and pioneering researches have been overviewed. Researchers, Students on Management of Technology can freely access to full papers addresses highlighted in references part of this paper.

Keywords: Crowd Capital, Leveraging External Sources of Innovation, The Golden Circle of Innovation, Sustainability-Oriented Innovation, Managing Crowd Innovation, Reverse Innovation, Innovation Tournaments, IP on Open Innovation.

^{*}Corresponding Author, Ph.D Student on Management of Technology, Email: kiany@ut.ac.ir

^{1.} Academic Staff of Research Institute of Petroleum Industry (ripi).

^{2.} Foundation for the Advancement of Science and Technology in Iran.