عنوان فارسی مقاله:
محدودیت و موانع برای اجرای نوآوری باز در پارکهای علم و فناوری

عنوان انگلیسی مقاله:
Constraints to Open Innovation in Science and Technology Parks

توجه！
این فایل تنها قسمتی از ترجمه می باشد. برای تهیه مقاله ترجمه شده كامل
با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک نمایید.
4. Conclusion

This paper explores the factors that encumber the use of open innovation by ICT firms that operate in STPs in Turkey. After performing exploratory factor analysis, six factors that becloud the use of open innovation are extracted: (1) confidentiality and conservativeness, (2) human resources, brand and image, (3) resources and costs, (4) management and organization, (5) market, partnership, technology sources, and (6) administrative constraints, and it is seen that the most frequently faced constraints are constraints concerning administration, resources and costs, and management and organization. Based on findings, in particular, STP firms mostly benefit from the knowledge of their employees including non R&D workers and involve customers in innovation process to conduct an active market research to understand their needs, and non-pecuniary open innovation activities are more popular among them. Hence, the most frequently faced constraints may be considered as the main reason of why these firms are mostly focus on open innovation practices, which do not require conflicting rules, administrative burdens or financial resources. Also, as suggested by Gruber and Henkel (2006), small and new companies are prevented from the use of open innovation because of lack of financial resources, firm-specific roles, task and capabilities. Thus, these findings are not surprising because of the fact that companies that operate in STPs in Turkey are mostly young and small enterprises. Our findings are consistent with the findings of Van de Vrande et al. (2009), Savitskaya et al. (2010), Krause et al. (2012), and Rahman & Ramos (2013).