

Pengaruh dukungan lembaga dan kompetensi peneliti terhadap produktivitas penelitian di pusat aplikasi teknologi isotop dan radiasi =  
The influences of institutional support and researcher competence on research productivity at center for application of isotopes and radiation technology

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Abstrak

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Penelitian ini bertujuan untuk membuktikan bahwa dukungan lembaga dan kompetensi peneliti mempengaruhi produktivitas penelitian di Pusat Aplikasi Teknologi Isotop dan Radiasi (Patir). Penelitian ini menggunakan metode regresi linier berganda dengan 9 variabel independen yang diklasifikasikan menjadi dukungan lembaga (dana penelitian, pendapatan peneliti, fasilitas penelitian), kompetensi peneliti (tingkat pendidikan, diklat teknis, dan kemampuan menulis), dan variabel tambahan (masa kerja dan motivasi). Data bersumber dari kuesioner dengan tingkat pengembalian 75.86 % (44 responden) dan database Patir. Hasil penelitian menunjukkan terdapat 5 variabel yang signifikan mempengaruhi produktivitas penelitian di Patir, yaitu dana penelitian (0,28), dummy pendidikan S2 (2,33), dummy pendidikan S3 (4,70), Kemampuan menulis (2.34), dan masa kerja (0.15).

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**ABSTRACT**

This study aims to examine the influences of institutional support and researcher competence on research productivity at Center for Application of Isotopes and Radiation Technology (Patir). This study uses multiple linear regression method with 9 independent variables classified into institutional support (research funding, researcher salary, research facilities), researcher competence (level of education, technical training, the ability to write), and additional variables (year of service and motivation). The data comes from the questionnaire with a return of 75.86% (44 respondents) and Patir database. The results shows that there are 5 variables which significantly affect research productivity in Patir, they are research funding (0,28), dummy S2 (2,33), dummy S3 (4,70), the ability to write (2,34), and years of service (0,15).