

BIBLIOMETRIC ANALYSIS FOR DEVELOPMENT OF ANALYTICAL THINKING BASED ASSESSMENT

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ABSTRACT

The results of the PISA study and test have shown that the majority of Indonesian students are unable to understand simple texts or apply basic mathematical concepts. The low scores of students are caused by the low attention of students in carrying out tests and exams by using questions that are oriented towards analytical thinking. The aim of this article is to provide an extensive review of the bibliometric literature on 'development of an analysis-based science assessment instrument'. Articles found with Harzing Publish or Perish (PoP) software with Google Scholar database. There are 107 out of 342 articles found from the Google Scholar database from 2018 to 2022 that were analyzed in this study. The selected references are then managed using a reference manager software, namely Mendeley Desktop. After managing the database, this research classifies and visualizes using the VOSviewer software. Overall, this review provides an appropriate reference for further research on 'development of analysis-based science assessment instruments'. The selected references are then managed using a reference manager software, namely Mendeley Desktop. After managing the database, this research classifies and visualizes using the VOSviewer software. Overall, this review provides an appropriate reference for further research on 'development of analysis-based science assessment instruments'.

Keywords: Instruments, Assessment, Analytical Thinking, Literacy.