

AI-integrated smart digital library system for document retrieval

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Abstract: In the context of the increasing demand for quick and accurate access to information among students, lecturers, and researchers, this topic focuses on building an intelligent digital library system integrated with artificial intelligence (AI) for document retrieval. The goal is to improve search performance by applying AI algorithms. The research method combines theory with experimentation, evaluating the system's effectiveness across multiple usage scenarios. This topic is expected to contribute to promoting the application of intelligent technology in the field of education and learning, while supporting the sustainable development of digital libraries.

Keywords: Digital library system, AI document retrieval, Search algorithm, Information technology, Machine learning knowledge