Topical Collection

Artificial Intelligence (AI) and Education

Message from the Collection Editors

Computing technologies have fundamentally altered the way we live and relate to one another. The technological advancements in the post-pandemic era have significantly influenced the development of educational policy, pedagogical practices, and learning. In recent years, empirical and conceptual research has begun to examine two aspects of artificial intelligence (AI) in the context of education: "AI in education" and "AI education", which are being misinterpreted and confused by educational researchers and educators yet are both emerging areas of educational research. On one hand, research of "AI in education" concerns the application of AI technologies in advancing and improving the educational practices for effective teaching and learning. It takes the advantages of advanced data sciences and learning analytics, and applies AI techniques and concepts to design and develop learning systems for personalization and better learning outcomes.

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