Special Issue

Applications of Virtual Simulation and Virtual Reality in Nursing

Message from the Guest Editor

Healthcare education is challenging. For nurse educators, aptly preparing nursing students to function in fast-paced, high-acuity settings with diverse patients and providers is an arduous task. Fortunately, experiential learning modalities including virtual simulation and virtual reality are showing promise to provide learners with better opportunities to practice a variety of high-level thinking skills prior to entering the profession. Research has demonstrated that virtually simulated experiences result in higher cognitive learning outcomes and longer retention of learning when compared to traditional teaching methods such as reading or lecture. Further, application of virtual simulation and virtual reality is beginning to emerge in the context of patient care. For example, virtual reality is being used to decrease patients' experiences of anxiety and pain. As the use of virtual simulation and virtual reality are growing in nursing practice, this Special Issue seeks contributions about the use of virtual simulation, virtual reality, augmented reality, or mixed reality (XR) in the context of nursing or nursing education.

Guest Editor

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Message from the Editor-in-Chief

Informatics (ISSN 2227-9709) is an international, peer-reviewed, open access journal, which publishes original theoretical and empirical work on the science of informatics and its application in multiple fields. Our concept of Informatics includes technologies of information and communication as well as the biological, social, linguistic and cultural changes that initiate, accompany and complicate their development. *Informatics* publishes regular research articles, reviews and short notes. There is no restriction on the length of papers, and we encourage researchers to publish their theoretical and empirical results in as much detail as possible. The scientific community and the public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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