

Aims and scope

Artificial Intelligence in Medicine is an international journal and publishes original articles from a variety of interdisciplinary perspectives concerning the theory and practice of artificial intelligence (AI) in medicine, human biology, and health care.

Areas of particular theoretical interest include: knowledge representation, automated reasoning, intelligent communication, computational theories of learning, as well as signal, image, speech and natural language understanding. The theory, engineering, and practice of computational, knowledge-based, and agent-based intelligent systems in clinical medicine, biomedicine, and health care and of software intelligence built into medical instruments, equipment, robotic or prosthetic devices are of special practical interest. Further topics are methodological, philosophical, ethical, psychological, and social aspects of medical AI.

The journal features original research contributions, tutorials on new methods, research area reviews and bibliographies, editorials, book reviews, and letters to the editor.

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