1. Record Nr. UNINA9910277560503321

Titolo	Journal of Sung-Yuan studies
Pubbl/distr/stampa	Albany, NY, : Department of East Asian Studies, State University of New York at Albany, 1992-
ISSN	2154-6665
Disciplina	951
Soggetti	Jin Dynasty (China : 1115-1234) Liao Dynasty (China) Song Dynasty (China) Yuan Dynasty (China) Czasopismo historyczne History Periodicals. China History Song dynasty, 960-1279 Periodicals China History Liao dynasty, 947-1125 Periodicals China History Jin dynasty, 1115-1234 Periodicals China History Yuan dynasty, 1260-1368 Periodicals Chiny China
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Imprint varies. Published in connection with the Society for Song, Yuan and Conquest Dynasty Studies, 2004-

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Autore	Werner Heron
Titolo	3D Physical and Virtual Models in Fetal Medicine : Applications and Procedures / / by Heron Werner, Gabriele Tonni, Jorge Lopes
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-14855-X
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (197 pages)
Altri autori (Persone)	TonniGabriele LopesJorge
Disciplina	618.3
Soggetti	Gynecology Radiology Computer-aided engineering Computer-Aided Engineering (CAD, CAE) and Design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- 3D Printing Technologies -- Post-processing Images -- Virtual Reality Technologies -- 3D Printing and Virtual Reality in fetal surgery -- 3D Printing and Virtual Reality in postnatal surgery -- Virtual and Physical models in main fetal pathologies -- Virtual and Physical models in multiple pregnancy -- Virtual Navigation in fetal medicine -- Maternal–fetal attachment in blind women using physical model - Fetal Imaging and Haptics technology to physically feel the fetus.
Sommario/riassunto	Technological innovations accompanying advances in medicine have given rise to the possibility of obtaining better-defined fetal images that assist in medical diagnosis and contribute toward genetic counseling offered to parents during the prenatal care. 3D printing is an emerging technique with a variety of medical applications such as surgical planning, biomedical research and medical education. Clinical Relevance: 3D physical and virtual models from ultrasound and magnetic resonance imaging have been used for educational, multidisciplinary discussion and plan therapeutic approaches. The authors describe techniques that can be applied at different stages of

pregnancy and constitute an innovative contribution to research on fetal abnormalities. We will show that physical models in fetal medicine can help in the tactile and interactive study of complex abnormalities in multiple disciplines. They may also be useful for prospective parents because a 3D physical modelwith the characteristics of the fetus should allow a more direct emotional connection to their unborn child.