Record Nr. UNISA996284646203316 **Titolo** HardwareX Pubbl/distr/stampa [London]:,: Elsevier Ltd.,, [2017]-**ISSN** 2468-0672 Descrizione fisica 1 online resource Disciplina 681 Soggetti Scientific apparatus and instruments Laboratories - Equipment and supplies **Equipment and Supplies** Laboratories Periodicals. Periodical Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Periodico

Sommario/riassunto

HardwareX is an open access journal established to promote free and open source designing, building and customizing of scientific infrastructure (hardware). HardwareX aims to recognize researchers for the time and effort in developing scientific infrastructure while providing end-users with sufficient information to replicate and validate the advances presented. HardwareX is open to input from all scientific, technological and medical disciplines. Scientific infrastructure will be interpreted in the broadest sense. Including hardware modifications to existing infrastructure, sensors and tools that perform measurements and other functions outside of the traditional lab setting (such as wearables, air/water quality sensors, and low cost alternatives to existing tools), and the creation wholly new tools for either standard or novel laboratory tasks. Authors are encouraged to submit hardware developments that address all aspects of science, not only the final measurement, for example, enhancements in sample preparation and handling, user safety, and quality control. The use of distributed digital manufacturing strategies (e.g. 3-D printing) are encouraged. All designs must be submitted under an open hardware license.