

1. Record Nr.	UNINA9910483406403321
Titolo	Brain and Health Informatics : International Conference, BHI 2013, Maebashi, Japan, October 29-31, 2013. Proceedings // edited by Kazayuki Imamura, Shiro Usui, Tomoaki Shirao, Takuji Kasamatsu, Lars Schwabe, Ning Zhong
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2013
ISBN	3-319-02753-0
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (XVIII, 539 p. 222 illus.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 8211
Disciplina	651.5042610285
Soggetti	Artificial intelligence Medical informatics Computer networks Artificial Intelligence Health Informatics Computer Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Thinking and perception-centric investigations of human Information processing system -- Information technologies for curating, mining, managing and using big brain/health data -- Information technologies for healthcare -- Data analytics, data mining, and machine learning -- Applications -- Mental health with ICT -- Granular knowledge discovery in biomedical and active-media environments -- Human centered computing -- Neuro-robotics -- Intelligent healthcare data analytics.
Sommario/riassunto	This book constitutes the refereed proceedings of the International Conference on Brain and Health Informatics, BHI 2013, held in Maebashi, Japan, in October 2013. The 33 revised full papers presented together with 8 workshop papers and 12 special session papers were carefully reviewed and selected for inclusion in the book. The papers are organized in topical sections on thinking and perception-centric Investigations of human Information processing system; information

technologies for curating, mining, managing and using big brain/health data; information technologies for healthcare; data analytics, data mining, and machine learning; and applications. The topics of the workshop papers are: mental health with ICT; and granular knowledge discovery in biomedical and active-media environments; and the topics of the special sessions are: human centered computing; neuro-robotics; and intelligent healthcare data analytics.
