

1. Record Nr.	UNISA996552866903316
Titolo	Cultural heritage & modern technologies
Pubbl/distr/stampa	[Auburn, California] : , : V. Harabajahian, , 2023- Rostov-on-Don, Russian Federation : , : Vodolazhskaya, L.
ISSN	2837-0759
Disciplina	930
Soggetti	Archaeology - Technological innovations Archaeology - Data processing Cultural property - Technological innovations Cultural property - Digitization Periodicals.
Lingua di pubblicazione	Molteplice
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	"... an interdisciplinary journal dedicated to the study of tangible culture, intangible culture and natural heritage using the methods of various sciences, including modern digital and natural science methods. The main aim of the journal is to create a platform for communication between researchers from the humanities and natural sciences who study cultural heritage, including proto-scientific, scientific and technical heritage, using the methods of their sciences. CHMTec publishes articles in the scope of digital humanities, history and archaeology, cultural anthropology, history and philosophy of science, linguistics, religious studies, art history."

2. Record Nr.	UNINA9910736989203321
Titolo	Intracranial EEG : a guide for cognitive neuroscientists // edited by Nikolai Axmacher
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-20910-9
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (1052 pages) : illustrations (some colour)
Collana	Studies in Neuroscience, Psychology and Behavioral Economics, , 2196-6613
Disciplina	929.374 616.8047547
Soggetti	Electroencephalography Neurociència cognitiva Processament de dades Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1: Which epilepsy patients are implanted with iEEG electrodes -- Chapter 2: Which is the cognitive status of epilepsy patients undergoing intracranial presurgical studies, and what influences it? -- Chapter 3: (How) does epileptic activity influence cognitive functioning? -- Chapter 4: Which practical issues should I consider when planning and conducting an iEEG study?.
Sommario/riassunto	This book offers the first, comprehensive guide to planning and conducting intracranial EEG studies, and analyzing intracranial EEG data. The chapters address core questions in the field of intracranial EEG research. They are written by internationally recognized experts in the domain of intracranial EEG and acknowledge the heterogeneity of approaches in this field. The particular format of the book allows readers to find clear guidelines, hands-on expertise and invaluable background information for planning and conducting state-of-the-art intracranial EEG research projects. Besides offering a reference guide to newcomers in the field, it also provides scholarly information for the more experienced researcher and inspiration for the expert. The book covers a wide range of topics, with a special emphasis on aspects in

which intracranial EEG data differ from other types of data in the cognitive neurosciences. It discusses typical patient characteristics and implantation schemes, ethical issues, and practical considerations for planning and running intracranial EEG experiments. It addresses signal characteristics and the physiological background of oscillatory and non-oscillatory aspects of intracranial EEG signals. It describes complex pre-processing steps such as advantages and disadvantages of different referencing schemes, and how to identify the location of electrodes. In addition, it answers specific questions on data processing, addressing core aspects of statistical analysis, and suggesting guidelines for data presentation. Further, it covers advanced topics such as causal interventions (i.e. deep brain stimulation), acquisition and analysis of single-unit data and multimodal recordings, and discusses important future challenges and opportunities in the field of intracranial EEG research.
