

1. Record Nr.	UNISALENTO991003923779707536
Autore	Modrzejewski, Joseph
Titolo	Loi et coutume dans l'Égypte grecque et romaine / par Joseph Méléze Modrzejewski
Pubbl/distr/stampa	Varsovie : Warsaw University, Faculty of Law and Administration : Warsaw University, Institute of Archaeology : The Raphael Taubenschlag Foundation, 2014
ISBN	9788393842506
Descrizione fisica	XIV, 381 p. ; 24 cm
Collana	The Journal of Juristic Papyrology. Supplements ; XXI
Disciplina	340.532
Soggetti	Legge egiziana - Storia Legge greca - Storia Legge Romana - Storia
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910299896803321
Autore	Tay Andy Kah Ping
Titolo	Acute and Chronic Neural Stimulation via Mechano-Sensitive Ion Channels // by Andy Kah Ping Tay
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-69059-0
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XVII, 119 p. 33 illus., 32 illus. in color.)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5053
Disciplina	616.804645
Soggetti	Biomedical engineering Nanotechnology Nanoscience Nanostructures Biomedical Engineering and Bioengineering Nanoscale Science and Technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Micro- and Nano-Technologies to Probe Brain Mechanobiology -- Acute Neural Stimulation -- Chronic Neural Stimulation -- Phenotypic Selection of Magnetospirillum magneticum (AMB-1) Over-Producers using Magnetic Ratcheting -- Magnetic Microfluidic Separation for Estimating the Magnetic Contents of Magnetotactic Bacteria -- Outlook for Magnetic Neural Stimulation Techniques. .
Sommario/riassunto	This book describes the tools, developed by the author, for perturbing endogenous mechano-sensitive ion channels for magneto-mechanical neuro-modulation. He explores the ways in which these tools compare against existing ones such as electricity, chemicals, optogenetics, and techniques like thermos/magneto-genetics. The author also reports on two platforms—magnetic ratcheting and magnetic microfluidics for directed evolution and high throughput culture of magnetotactic bacteria—that produce high quality magnetic nanoparticles for biomedical applications like neural stimulations. This thesis was submitted to and approved by the University of California, Los Angeles.

Introduces technology for non-invasive control of neural activities that offer deep tissue penetration and controllable dosage; Examines the effects of biomechanical forces on cellular functions; Explores how to improve the reproducibility and uptake of magnetic tools for non-invasive neural modulation.

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