1. Record Nr. UNISALENTO991001483939707536

Autore	Chui, Charles K.
Titolo	Wavelets : a tutorial in theory and applications / edited by Charles K. Chui
Pubbl/distr/stampa	Boston : Academic Press, c1992
ISBN	0121745902
Descrizione fisica	x, 723 p. : ill. ; 24 cm
Collana	Wavelet analysis and its applications ; 2
Classificazione	AMS 42C15
Disciplina	515.2433
Soggetti	Wavelets (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index
Nota di bibliografia	Includes bibliographical references (p. 701-713)

2. Record Nr. UNINA9910261139003321

Autore	Saparna Pai
Titolo	Inflammation in the CNS: Advancing the Field Using Intravital Imaging
Pubbl/distr/stampa	Frontiers Media SA, 2017
Descrizione fisica	1 online resource (108 p.)
Collana	Frontiers Research Topics
Soggetti	Medicine and Nursing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Inflammation of the CNS can have devastating, long-lived, and in some cases fatal consequences for patients. The stimuli that can induce CNS inflammation are diverse, and include infectious agents, autoimmune responses against CNS-expressed antigens, and sterile inflammation following ischemia or traumatic injury. In these conditions, cells of the immune system play central roles in promulgation and resolution of the inflammatory response. However, the immunological mechanisms at work in these diverse responses differ according to the nature of the response. Our understanding of the actions of immune cells in the CNS has been restricted by the difficulty in visualising leukocytes as they undergo recruitment from the cerebral microvasculature and following their entry into the CNS parenchyma. However, advances in in vivo microscopy over the last 10-15 years have overcome many of these difficulties, and studies using these forms of microscopy have revealed a wealth of new information regarding the cellular and molecular mechanisms of CNS inflammation. This Research Topic brings together state of the art reviews examining the use of in vivo imaging in investigating inflammation and leukocyte behaviour in the CNS. Papers in this Research Topic describe how in vivo microscopy has increased our understanding of the actions of immune cells in the inflamed CNS, following various stimuli including autoimmunity, infection and sterile inflammation.