1. Record Nr. UNINA9910808544103321

Titolo	Autonomic nervous system / / volume editors, Ruud M. Buijs and Dick F. Swaab
Pubbl/distr/stampa	Amsterdam : , : Elsevier, , 2013
ISBN	0-444-53492-X
Descrizione fisica	1 online resource (xvi, 417 pages) : illustrations (some color)
Collana	Handbook of clinical neurology ; ; 3rd series, volume 117
Disciplina	616.8569
Soggetti	Autonomic nervous system - Diseases Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The autonomic nervous system; what do we miss? -- Differential responses of components of the autonomic nervous system -- Cotransmission in the autonomic nervous system -- Sensitization of endocrine organs to anterior pituitary hormones by the autonomic nervous system -- Central control of autonomic function and involvement in neurodegenerative disorders -- Interaction between cognition, emotion and the autonomic nervous system -- Interoception and ANS reflexes thermoregulation -- Regulation of blood pressure by the arterial baroreflex and autonomic nervous system -- Cooling, pain and other feelings from the body in relation to the autonomic nervous system -- The neurological organization of micturition -- The clinical importance of the anti-inflammatory vago-vagal reflex -- The role of the autonomic nervous system in cardiac arrhythmias -- Exercise and the autonomic nervous system -- Autonomic control of bone formation: its clinical relevance -- The circadian system and the balance of the autonomic nervous system -- Autonomic nervous system control of the cerebral circulation -- Autonomic regulation of kidney function -- Autonomic neural control of the airways -- Multiple system atrophy -- Pure autonomic failure -- Autonomic dysfunction in Parkinson disease -- Diabetic autonomic neuropathy -- Hypoglycemia-associated autonomic failure in diabetes -- Sensory-autonomic interactions in health and disease -- Autoimmune autonomic failure -- The central sympathetic nervous system in hypertension -- Pathology

	of emesis: its autonomic basis -- Sympathetic microneurography -- Sympathetic neuroimaging -- Skin biopsies in the assessment of the autonomic nervous system -- Heart rate variability -- Chronic activation of the baroreflex and the promise for hypertension therapy.
Sommario/riassunto	Autonomic Nervous System provides an introduction to the latest science and detailed chapters on advances in the clinical diagnosis and treatment of autonomic system disorders. The autonomic nervous system controls all involuntary actions within the human nervous system. Core body functions regulated by the autonomic system include breathing, heartbeat, blood pressure, body temperature, perspiration, and bowel, bladder and sexual function. Our understanding of the neurotransmitters associated with the autonomic nervous system has expanded over the past 15 years associated with current resea

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Record Nr.	UNINA9910350321103321
Titolo	Network Theory and Agent-Based Modeling in Economics and Finance / / edited by Anindya S. Chakrabarti, Lukáš Pichl, Taisei Kaizoji
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2019
ISBN	981-13-8319-7
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (454 pages)
Disciplina	330.028563
Soggetti	Schools of economics Macroeconomics Economics Statistics Engineering economy Heterodox Economics Macroeconomics/Monetary Economics//Financial Economics Economic Theory/Quantitative Economics/Mathematical Methods Statistics for Business, Management, Economics, Finance, Insurance Engineering Economics, Organization, Logistics, Marketing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di contenuto	Research on loss absorption of financial group (bank network) -- The Mathematics of Human Contact -- Does it still matter in the new world where a refugee comes from? - Social network, Shocks, and Ethnicity - A multi-level analysis -- The Transferability of Human Capital, the Brain Drain, and the Brain Gain -- Evolution in Anonymous Population Games with Multiple Types -- Analysis of search actions on the Internet including the effect of blog and Twitter using Sociophysics approach -- Statistical analysis of a political demonstration using location-based big data -- Different Type of Interaction Plays a Role of Decision Error on Collective Behavior -- A financial network approach to unconventional monetary policy assessment - the case of Quantitative Easing in the euro area -- From Housing Locale Theory to Agent-Based Modeling Approach.
Sommario/riassunto	This book presents the latest findings on network theory and agent-based modeling of economic and financial phenomena. In this context, the economy is depicted as a complex system consisting of heterogeneous agents that interact through evolving networks; the aggregate behavior of the economy arises out of billions of small-scale interactions that take place via countless economic agents. The book focuses on analytical modeling, and on the econometric and statistical analysis of the properties emerging from microscopic interactions. In particular, it highlights the latest empirical and theoretical advances, helping readers understand economic and financial networks, as well as new work on modeling behavior using rich, agent-based frameworks. Innovatively, the book combines observational and theoretical insights in the form of networks and agent-based models, both of which have proved to be extremely valuable in understanding non-linear and evolving complex systems. Given its scope, the book will capture the interest of graduate students and researchers from various disciplines (e.g. economics, computer science, physics, and applied mathematics) whose work involves the domain of complexity theory.