

1. Record Nr.	UNINA9910956613903321
Titolo	Handbook of psychology . Volume 3 [[electronic resource]] : behavioral neuroscience // volume editors, Randy J. Nelson and Sheri J.Y. Mizumori ; editor-in-chief, Irving B. Weiner
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, Inc., 2013
ISBN	9781118282021 1118282027 9781283859974 1283859971 9781118285466 1118285468
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (770 p.)
Collana	Handbook of psychology ; ; v. 3
Altri autori (Persone)	NelsonRandy J MizumoriSheri J. Y WeinerIrving B
Disciplina	573.8 612.8
Soggetti	Neuropsychology Psychology, Comparative
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 indexes.
Nota di contenuto	Handbook of Psychology; Contents; Handbook of Psychology Preface; Volume Preface; Contributors; Chapter 1 Behavioral Genetics; Introduction; Subjects; Genome Projects; Methods; Natural Genetic Variants and Behavior; Gene Mutations and Behavior; Translational Knockdowns and Behavior; Gene Expression Correlates With Behavior; Genetics and Behavioral Taxonomy; Male Mouse Aggression; Mouse Emotionality; Rat and Mouse Learning and Cognition; Human Psychopathology; Summary; Genetics and Biological Mechanisms of Behavior; Pedigree of Causes; Mouse Olfaction; Rodent Social Recognition Individual Chemosignals and Social RecognitionMouse Offense; Summary; Genotype by Genotype Interactions; Mouse Emotionality; Summary; Genes, Environment, and Behavioral Development; Rats

Cognition; Mouse Aggression; Human Personality and Psychopathology; Epigenetics; Future Directions; References; Chapter 2 Evolutionary Psychology; Levels Of Explanation in Evolutionary Psychology; The Metatheory Level of Analysis; Metatheoretical Assumptions that are Consensually Held by Evolutionary Scientists; Natural Selection; Adaptation; Sexual Selection; Inclusive Fitness Theory Special Metatheoretical Assumptions of Evolutionary Psychology Psychological Mechanisms as the Main Unit of Analysis; Domain Specificity of Psychological Mechanisms; The Environment of Evolutionary Adaptedness; The Middle-Level Theory Level of Analysis; Parental Investment Theory; Good Genes Sexual Selection Theory; The Hypothesis Level of Analysis; Good Genes Sexual Selection Theory: Hypotheses; The Prediction Level of Analysis; Good Genes Sexual Selection Theory: Predictions; The Future of Evolutionary Psychology; The Impact of Evolutionary Psychology; Future Directions; References Chapter 3 Comparative Vision Environments and Eyes; Fundamental Features of Photic Environments; Eyes: Basic Design Features and Evolution; Photosensitivity; Measuring Animal Vision; Three Issues in Comparative Vision; Detecting Change; Resolving Spatial Structure; Exploiting Chromatic Cues; Conclusion; References; Chapter 4 Visual Processing in the Primate Brain; Visual Processing Basics; Parallel Processing in Vision; The Retina; Photoreceptors; Bipolar Cells; Amacrine Cells; Ganglion Cells; Optic Nerve; Lateral Geniculate Nucleus (LGN); Nonretinal Inputs to LGN Visual Areas in Primate Cerebral Cortex Visual Topographic Maps; V1-Primary Visual Cortex; V2; Major Cortical Visual Processing Pathways; Ventral Pathway; Position Tolerance; Form Selectivity in Single Neurons; Category Selectivity in fMRI; Dorsal Pathway; Middle Temporal Area (MT); Lateral Intraparietal Area (LIP); Concluding Remarks; References; Chapter 5 Comparative Audition; Introduction; Overview of Acoustic Stimuli and Their Transmission Through the Environment; Auditory Function and Behavior; Absolute Auditory Thresholds; Masked Auditory Thresholds; Frequency Difference Limens Temporal Resolution

Sommario/riassunto

Psychology is of interest to academics from many fields, as well as to the thousands of academic and clinical psychologists and general public who can't help but be interested in learning more about why humans think and behave as they do. This award-winning twelve-volume reference covers every aspect of the ever-fascinating discipline of psychology and represents the most current knowledge in the field. This ten-year revision now covers discoveries based in neuroscience, clinical psychology's new interest in evidence-based practice and mindfulness, and new findings in social, developmental, an
