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# SCIENZE NEUROLOGICHE

Applicazioni interdisciplinari

## INTRODUZIONE

PsycINFO, il database bibliografico dell'American Psychological Association contiene oltre 2 milioni di estratti da oltre 2.000 pubblicazioni provenienti da tutto il mondo. I ricercatori nel campo delle scienze neurologiche considerano PsycINFO come una fonte inesauribile di informazioni nei campi della neuro-anatomia, neurobiologia, neurofarmacologia, neuropsicologia, neurochimica, neurofisiologia, nella valutazione neuropsicologica e nella neurologia. Sul retro potrete trovare alcuni dei termini di ricerca.

## RISULTATI DELLA RICERCA: SELEZIONE DI ARTICOLI CITATI

**Analysis of pyramidal neuron morphology in an inducible knockout of brain-derived neurotrophic factor.** By Hill, Justin J.; Kolluri, Nutan; Hashimoto, Takanori; Wu, Qiang; Sampson, Allan R.; Monteggia, Lisa M.; Lewis, David A. *Biological Psychiatry*. 57(8), Apr 2005, 932-934.

**Brain overgrowth in autism during a critical time in development: Implications for frontal pyramidal neuron and interneuron development and connectivity.** By Courchesne, Eric; Pierce, Karen. *International Journal of Developmental Neuroscience*. 23(2-3), Apr-May 2005, 153-170.

**Tryptophan depletion reduces right inferior prefrontal activation during response inhibition in fast, event-related fMRI.** By Rubia, Katya; Lee, Francis; Cleare, Anthony J.; Tunstall, Nigel; Y. Fu, Cynthia H.; Brammer, Michael; McGuire, Phillip. *Psychopharmacology*. 179(4), Jun 2005, 791-803.

**Plasticity in single neuron and circuit computations.** By Destexhe, Alain; Marder, Eve. *Nature*. 431(7010), Oct 2004, 789-795.

**Neuroanatomy in understanding primate brain functions: Status and challenges.** By Cavada, Carmen. *Cortex*. 40(1), Feb 2004, 5-6.

**Sensory neuron signaling to the brain: Properties of transmitter release from olfactory nerve terminals.** By Murphy, Gabe J.; Glickfield, Lindsey L.; Balsen, Zev; Isaacson, Jeffrey S. *Journal of Neuroscience*. 24(12), Mar 2004, 3023-3030.

**Genetic and genomic approaches to reward and addiction.** By Mohn, Amy R.; Yao, Wei-Dong; Caron, Marc G. *Neuropharmacology*. 47 (Suppl1), 2004, 101-110.

**A polymorphism of the interleukin-1 beta gene at position +3953 influences progression and neuro-pathological hallmarks of Alzheimer's disease.** By Licastro, Federico; Veglia, Fabrizio; Chiappelli, Martina; Grimaldi, Luigi Maria E.; Masliah, Eliezer. *Neurobiology of Aging*. 25(8), Sep 2004, 1017-1022.

## TITOLI DELLE MAGGIORI PUBBLICAZIONI

Archives of Neurology

Behavioral Brain Research

Behavioral Neuroscience

Brain and Cognition

Brain Research

Brain Research Bulletin

Developmental

Neuropsychology

International Journal  
of Neuroscience

Journal of Neuroscience

Neurobiology of Aging

Neurology

Neuropharmacology

Neuroscience Research

Trends in Neurosciences

### Valutazione e diagnosi

- Echoencephalography
- Electroencephalography
- Halstead Reitan Neuropsychological Battery
- Luria Nebraska Neuropsychological Battery
- Magnetic Resonance Imaging
- Neuroimaging
- Neuropsychological Assessment
- Polysomnography

### Elettrofisiologia

- Cortical Evoked Potentials
- Electrical Activity
- Electrical Brain Stimulation
- Electroencephalography
- Electrophysiology
- Evoked Potentials
- Magnetoencephalography
- Postactivation Potentials
- Skin Electrical Properties

### Neuroanatomia

- Amygdala
- Auditory Cortex
- Basal Ganglia
- Blood Brain Barrier
- Brain
- Broca's Area
- Central Nervous System
- Cerebellum
- Hippocampus
- Hypothalamus
- Interhemispheric Interaction
- Limbic System
- Meninges
- Nerve Tissues

- Neural Receptors
- Parasympathetic Nervous System
- Somatosensory Cortex
- Striatum
- Sympathetic Nervous System

### Disturbi neurologici

- Alzheimer's disease
- Anterograde Amnesia
- Cerebral Palsy
- Encephalitis
- Head Injuries
- Korsakoff's psychosis
- Migraine Headache
- Narcolepsy
- Neuralgia
- Neurodegenerative Diseases
- Parkinson's disease
- Pick's disease
- Presenile Disease
- Tardive Dyskinesia
- Tics
- Traumatic Brain Injury
- Trigeminal Neuralgia

### Interventi neurologici

- Brain Stimulation
- Chemical Brain Stimulation
- Electrical Brain Stimulation
- Neural Transplantation
- Neurosurgery
- Psychosurgery
- Stereotaxic Techniques
- Transcranial Magnetic Stimulation

### Scienze neurologiche

- Neuroendocrinology
- Neurolinguistics
- Neurology
- Neuropathology
- Neurophysiology
- Neuropsychology
- Neurosurgery
- Psychoneuroimmunology
- Psychopharmacology

### Neurotrasmettitori e neuroregolatori

- Acetylcholine
- Amino Acids
- Bombesin
- Catecholamines
- Cholinesterase
- Dopamine
- Epinephrine
- Monoamine Oxidases
- Neurokinins
- Neuropeptides
- Neurotransmitters
- Norepinephrine Metabolites
- Peptides
- Serotonin Metabolites

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