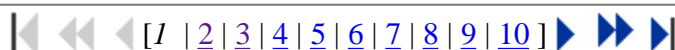


ISI Web of Knowledge<sup>SM</sup>Essential Science Indicators<sup>SM</sup>

## HIGHLY CITED PAPERS IN NEUROSCIENCE &amp; BEHAVIOR

Sorted by: Citations 

1 - 20 (of 2744)



Page 1 of 138

1 Citations: 2,120

**Title:** MEDICINE - THE AMYLOID HYPOTHESIS OF ALZHEIMER'S DISEASE: PROGRESS AND PROBLEMS ON THE ROAD TO THERAPEUTICS

**Authors:** [HARDY J;](#) [SELKOE DJ](#)

**Source:** [SCIENCE](#) 297 (5580): 353-356 JUL 19 2002

**Addresses:** [Harvard Univ](#), Brigham & Womens Hosp, Sch Med, Ctr Neurol Dis, Boston, MA 02115 USA.  
[NIA](#), Neurogenet Lab, Bethesda, MD 20892 USA.

**Field:** [NEUROSCIENCE & BEHAVIOR](#)

2 Citations: 1,901

**Title:** RECOMMENDED DIAGNOSTIC CRITERIA FOR MULTIPLE SCLEROSIS: GUIDELINES FROM THE INTERNATIONAL PANEL ON THE DIAGNOSIS OF MULTIPLE SCLEROSIS

**Authors:** [MCDONALD WI;](#) [COMPSTON A;](#) [EDAN G;](#) [GOODKIN D;](#) [HARTUNG HP;](#) [LUBLIN FD;](#) [MCFARLAND HF;](#) [PATY DW;](#) [POLMAN CH;](#) [REINGOLD SC;](#) [SANDBERG-WOLLHEIM M;](#) [SIBLEY W;](#) [THOMPSON A;](#) [VAN DEN NOORT S;](#) [WEINSHENKER BY;](#) [WOLINSKY JS](#)

**Source:** [ANN NEUROL](#) 50 (1): 121-127 JUL 2001

**Addresses:** [Royal Coll Phys](#), 11 St Andrews Pl, London NW1 4LE, [England](#).  
[Royal Coll Phys](#), London NW1 4LE, [England](#).  
[Univ Cambridge](#), Cambridge, [England](#).  
[CHU Rennes](#), Rennes, [France](#).  
[Univ Calif San Francisco](#), San Francisco, CA 94143 USA.  
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[Mt Sinai Sch Med](#), New York, NY USA.  
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[Natl Multiple Sclerosis Soc](#), New York, NY USA.

[Univ Lund Hosp](#), S-22185 Lund, [Sweden](#).  
[Univ Arizona](#), Hlth Sci Ctr, Tucson, AZ USA.  
[Neurol Inst](#), London, [England](#).  
[Univ Calif Irvine](#), Irvine, CA USA.  
[Mayo Clin & Mayo Fdn](#), Rochester, MN 55905 USA.  
[Univ Texas](#), Hlth Sci Ctr, Houston, TX USA.

**Field:** [NEUROSCIENCE & BEHAVIOR](#)

3 **Citations:** 1,722 

WEB OF SCIENCE

**Title:** EMOTION CIRCUITS IN THE BRAIN

**Authors:** [LEDOUX JE](#)

**Source:** [ANNU REV NEUROSCI](#) 23: 155-184 2000

**Addresses:** [NYU](#), Ctr Neural Sci, New York, NY 10003 USA.

**Field:** [NEUROSCIENCE & BEHAVIOR](#)

4 **Citations:** 1,612 

WEB OF SCIENCE

**Title:** MAMMALIAN NEURAL STEM CELLS

**Authors:** [GAGE FH](#)

**Source:** [SCIENCE](#) 287 (5457): 1433-1438 FEB 25 2000

**Addresses:** Salk Inst Lab Genet, 10010 N Torrey Pines Rd, La Jolla, CA 92037 USA.  
 Salk Inst Lab Genet, La Jolla, CA 92037 USA.

**Field:** [NEUROSCIENCE & BEHAVIOR](#)

5 **Citations:** 1,597 

WEB OF SCIENCE

**Title:** AN INTEGRATIVE THEORY OF PREFRONTAL CORTEX FUNCTION

**Authors:** [MILLER EK](#); [COHEN JD](#)

**Source:** [ANNU REV NEUROSCI](#) 24: 167-202 2001

**Addresses:** [MIT](#), RIKEN, Ctr Learning & Memory, Ctr Res Neurosci, 77 Massachusetts Ave, Cambridge, MA 02139 USA.  
[MIT](#), RIKEN, Ctr Learning & Memory, Ctr Res Neurosci, Cambridge, MA 02139 USA.  
[MIT](#), Dept Brain & Cognit Sci, Cambridge, MA 02139 USA.  
[Princeton Univ](#), Ctr Study Brain Mind & Behav, Princeton, NJ 08544 USA.  
[Princeton Univ](#), Dept Psychol, Princeton, NJ 08544 USA.

- Field:** [NEUROSCIENCE & BEHAVIOR](#)
- 6 **Citations:** 1,538  WEB OF SCIENCE
- Title:** VOXEL-BASED MORPHOMETRY - THE METHODS
- Authors:** [ASHBURNER J](#); [FRISTON KJ](#)
- Source:** [NEUROIMAGE](#) 11 (6): 805-821 Part 1 JUN 2000
- Addresses:** Inst Neurol, Wellcome Dept Cognit Neurol, Queen Sq, London WC1N 3BG, [England](#).  
Inst Neurol, Wellcome Dept Cognit Neurol, London WC1N 3BG, [England](#).
- Field:** [NEUROSCIENCE & BEHAVIOR](#)
- 7 **Citations:** 1,458  WEB OF SCIENCE
- Title:** NEUROPHYSIOLOGICAL INVESTIGATION OF THE BASIS OF THE FMRI SIGNAL
- Authors:** [LOGOTHETIS NK](#); [PAULS J](#); [AUGATH M](#); [TRINATH T](#); [OELTERMANN A](#)
- Source:** [NATURE](#) 412 (6843): 150-157 JUL 12 2001
- Addresses:** [Max Planck Inst Biol Cybernet](#), Spemannstr 38, D-72076 Tubingen, [Germany](#).  
[Max Planck Inst Biol Cybernet](#), D-72076 Tubingen, [Germany](#).
- Field:** [NEUROSCIENCE & BEHAVIOR](#)
- 8 **Citations:** 1,348  WEB OF SCIENCE
- Title:** IMAGING COGNITION II: AN EMPIRICAL REVIEW OF 275 PET AND FMRI STUDIES
- Authors:** [CABEZA R](#); [NYBERG L](#)
- Source:** [J COGNITIVE NEUROSCI](#) 12 (1): 1-47 JAN 2000
- Addresses:** [Univ Alberta](#), Dept Psychol, P220 Biol Sci Bldg, Edmonton, AB T6G 2E9, [Canada](#).  
[Univ Alberta](#), Dept Psychol, Edmonton, AB T6G 2E9, [Canada](#).  
[Umea Univ](#), S-90187 Umea, [Sweden](#).
- Field:** [NEUROSCIENCE & BEHAVIOR](#)
- 9 **Citations:** 1,203  WEB OF SCIENCE
- Title:** CONTROL OF GOAL-DIRECTED AND STIMULUS-DRIVEN ATTENTION IN THE BRAIN
- Authors:** [CORBETTA M](#); [SHULMAN GL](#)

**Source:** [NAT REV NEUROSCI](#) 3 (3): 201-215 MAR 2002

**Addresses:** [Washington Univ](#), Sch Med, Dept Neurol, St Louis, MO 63110 USA.  
[Washington Univ](#), Sch Med, Dept Radiol, St Louis, MO 63110 USA.  
[Washington Univ](#), Sch Med, Dept Anat, St Louis, MO 63110 USA.  
[Washington Univ](#), Sch Med, Dept Neurobiol, St Louis, MO 63110 USA.

**Field:** [NEUROSCIENCE & BEHAVIOR](#)

10 **Citations:** 1,174 

WEB OF SCIENCE

**Title:** GLUTAMATE UPTAKE

**Authors:** [DANBOLT NC](#)

**Source:** [PROG NEUROBIOL](#) 65 (1): 1-105 SEP 2001

**Addresses:** [Univ Oslo](#), Inst Basic Med Sci, Dept Anat, POB 1105, N-0317 Oslo, [Norway](#).  
[Univ Oslo](#), Inst Basic Med Sci, Dept Anat, N-0317 Oslo, [Norway](#).

**Field:** [NEUROSCIENCE & BEHAVIOR](#)

11 **Citations:** 1,166 

COMMENTARY

WEB OF SCIENCE

**Title:** NATURALLY SECRETED OLIGOMERS OF AMYLOID BETA PROTEIN POTENTLY INHIBIT HIPPOCAMPAL LONG-TERM POTENTIATION IN VIVO

**Authors:** [WALSH DM](#); [KLYUBIN I](#); [FADEEVA JV](#); [CULLEN WK](#); [ANWYL R](#); [WOLFE MS](#); [ROWAN MJ](#); [SELKOE DJ](#)

**Source:** [NATURE](#) 416 (6880): 535-539 APR 4 2002

**Addresses:** [Harvard Univ](#), Sch Med, Dept Neurol, Boston, MA 02115 USA.  
[Brigham & Womens Hosp](#), Ctr Neurol Dis, Boston, MA 02115 USA.  
[Univ Dublin Trinity Coll](#), Dept Pharmacol & Therapeut, Dublin 2, [Ireland](#).  
[Univ Dublin Trinity Coll](#), Dept Physiol, Dublin 2, [Ireland](#).

**Field:** [NEUROSCIENCE & BEHAVIOR](#)

12 **Citations:** 1,125 

WEB OF SCIENCE

**Title:** INFLAMMATION AND ALZHEIMER'S DISEASE

**Authors:** [AKIYAMA H](#); [BARGER S](#); [BARNUM S](#); [BRADT B](#); [BAUER J](#); [COLE GM](#); [COOPER NR](#); [EIKELENBOOM P](#); [EMMERLING M](#); [FIEBICH BL](#); [FINCH CE](#); [FRAUTSCHY S](#); [GRIFFIN WST](#); [HAMPEL H](#); [HULL M](#); [LANDRETH G](#); [LUE LF](#); [MRAK R](#); [MACKENZIE IR](#); [MCGEER PL](#); [O'BANION MK](#); [PACHTER J](#); [PASINETTI G](#); [PLATA-SALAMAN C](#); [ROGERS J](#); [RYDEL R](#); [SHEN Y](#); [STREIT W](#); [STROHMEYER R](#); [TOOYOMA I](#); [VAN MUISWINKEL FL](#); [VEERHUIS R](#); [WALKER D](#); [WEBSTER S](#); [WEGRZYNIAK B](#); [WENK G](#);

WYSS-CORAY T; NEUROINFLAMMATION WORKING GRP

**Source:** [NEUROBIOL AGING](#) 21 (3): 383-421 MAY-JUN 2000

**Addresses:** [Sun Hlth Res Inst](#), 10515 W Santa Fe Dr,POB 1278, Sun City, AZ 85372 USA.  
[Sun Hlth Res Inst](#), Sun City, AZ 85372 USA.

**Field:** [NEUROSCIENCE & BEHAVIOR](#)

13 **Citations:** 1,123 

WEB OF SCIENCE

**Title:** A VOXEL-BASED MORPHOMETRIC STUDY OF AGEING IN 465 NORMAL ADULT HUMAN BRAINS

**Authors:** [GOOD CD](#); [JOHNSRUDE IS](#); [ASHBURNER J](#); [HENSON RNA](#); [FRISTON KJ](#); [FRACKOWIAK RSJ](#)

**Source:** [NEUROIMAGE](#) 14 (1): 21-36 Part 1 JUL 2001

**Addresses:** Inst Neurol, Wellcome Dept Cognit Neurol, Queen Sq, London WC1N 3BG, [England](#).  
Inst Neurol, Wellcome Dept Cognit Neurol, London WC1N 3BG, [England](#).  
[Univ Coll London](#), Inst Cognit Neurosci, London WC1N 3BG, [England](#).

**Field:** [NEUROSCIENCE & BEHAVIOR](#)

14 **Citations:** 1,101 

WEB OF SCIENCE

**Title:** IMPAIRED NOCICEPTION AND PAIN SENSATION IN MICE LACKING THE CAPSAICIN RECEPTOR

**Authors:** [CATERINA MJ](#); [LEFFLER A](#); [MALMBERG AB](#); [MARTIN WJ](#); [TRAFTON J](#); [PETERSEN-ZEITZ KR](#); [KOLTZENBURG M](#); [BASBAUM AI](#); [JULIUS D](#)

**Source:** [SCIENCE](#) 288 (5464): 306-313 APR 14 2000

**Addresses:** [Univ Calif San Francisco](#), Dept Mol & Cellular Pharmacol, San Francisco, CA 94143 USA.  
[Univ Calif San Francisco](#), Dept Anat, San Francisco, CA 94143 USA.  
[Univ Calif San Francisco](#), Dept Physiol, San Francisco, CA 94143 USA.  
[Univ Calif San Francisco](#), WM Keck Ctr Neurosci, San Francisco, CA 94143 USA.  
[Univ Wurzburg](#), Dept Neurol, D-97080 Wurzburg, [Germany](#).

**Field:** [NEUROSCIENCE & BEHAVIOR](#)

15 **Citations:** 1,097 

WEB OF SCIENCE

**Title:** THRESHOLDING OF STATISTICAL MAPS IN FUNCTIONAL NEUROIMAGING USING THE FALSE DISCOVERY RATE

**Authors:** [GENOVESE CR](#); [LAZAR NA](#); [NICHOLS T](#)

**Source:** [NEUROIMAGE](#) 15 (4): 870-878 APR 2002

**Addresses:** [Carnegie Mellon Univ](#), Dept Stat, Pittsburgh, PA 15213 USA.  
[Univ Michigan](#), Dept Biostat, Ann Arbor, MI 48109 USA.

**Field:** [NEUROSCIENCE & BEHAVIOR](#)

16 **Citations:** 1,075 

COMMENTARY

WEB OF SCIENCE

**Title:** CHRONIC SYSTEMIC PESTICIDE EXPOSURE REPRODUCES FEATURES OF PARKINSON'S DISEASE

**Authors:** [BETARBET R](#); [SHERER TB](#); [MACKENZIE G](#); GARCIA-OSUNA M; [PANOV AV](#); [GREENAMYRE JT](#)

**Source:** [NAT NEUROSCI](#) 3 (12): 1301-1306 DEC 2000

**Addresses:** [Emory Univ](#), Dept Neurol, 1639 Pierce Dr, WMB 6000, Atlanta, GA 30322 USA.  
[Emory Univ](#), Dept Neurol, Atlanta, GA 30322 USA.

**Field:** [NEUROSCIENCE & BEHAVIOR](#)

17 **Citations:** 1,046 

WEB OF SCIENCE

**Title:** NEUROSCIENCE - NEURONAL PLASTICITY: INCREASING THE GAIN IN PAIN

**Authors:** [WOOLF CJ](#); [SALTER MW](#)

**Source:** [SCIENCE](#) 288 (5472): 1765-1768 JUN 9 2000

**Addresses:** [Massachusetts Gen Hosp](#), Dept Anesthesia & Crit Care, Neural Plast Res Grp, Charlestown, MA 02129 USA.  
[Harvard Univ](#), Massachusetts Gen Hosp East, Sch Med, Charlestown, MA 02129 USA.  
[Hosp Sick Children](#), Program Brain & Behav, Toronto, ON M5G 1X8, [Canada](#).  
[Univ Toronto](#), Ctr Study Pain, Toronto, ON M5G 1X8, [Canada](#).

**Field:** [NEUROSCIENCE & BEHAVIOR](#)

18 **Citations:** 1,031 

WEB OF SCIENCE

**Title:** CURRENT CONCEPTS IN MILD COGNITIVE IMPAIRMENT

**Authors:** [PETERSEN RC](#); [DOODY R](#); [KURZ A](#); [MOHS RC](#); [MORRIS JC](#); [RABINS PV](#); [RITCHIE K](#); [ROSSOR M](#); [THAL L](#); [WINBLAD B](#)

**Source:** [ARCH NEUROL](#) 58 (12): 1985-1992 DEC 2001

**Addresses:** [Mayo Clin](#), Dept Neurol, 200 1st St SW, Rochester, MN 55905 USA.  
[Mayo Clin](#), Dept Neurol, Rochester, MN 55905 USA.  
[Baylor Coll Med](#), Dept Neurol, Houston, TX 77030 USA.  
[Tech Univ Munich](#), Dept Psychiat, D-8000 Munich, [Germany](#).  
[Mt Sinai Sch Med](#), Dept Psychiat, New York, NY USA.  
[Washington Univ](#), Sch Med, Dept Neurol, St Louis, MO 63110 USA.  
[Johns Hopkins Univ](#), Sch Med, Dept Psychiat, Baltimore, MD 21205 USA.  
 French Natl Inst Med Res, Dept Nervous Syst Pathol, Montpellier, [France](#).  
 Natl Hosp Neurol & Neurosurg, Dementia Res Grp, London WC1N 3BG, [England](#).  
[Univ Calif San Diego](#), Dept Neurosci, San Diego, CA 92103 USA.  
[Karolinska Inst](#), Div Geriatr, Stockholm, [Sweden](#).

**Field:** [NEUROSCIENCE & BEHAVIOR](#)

19 **Citations:** 1,024 

WEB OF SCIENCE

**Title:** A DEFAULT MODE OF BRAIN FUNCTION

**Authors:** [RAICHLER ME](#); [MACLEOD AM](#); [SNYDER AZ](#); [POWERS WJ](#); [GUSNARD DA](#); [SHULMAN GL](#)

**Source:** [PROC NAT ACAD SCI USA](#) 98 (2): 676-682 JAN 16 2001

**Addresses:** [Washington Univ](#), Sch Med, Edward Mallinckrodt Inst Radiol, 4525 Scott Ave, Room 2116, St Louis, MO 63110 USA.  
[Washington Univ](#), Sch Med, Edward Mallinckrodt Inst Radiol, St Louis, MO 63110 USA.  
[Washington Univ](#), Sch Med, Dept Neurol, St Louis, MO 63110 USA.  
[Washington Univ](#), Sch Med, Dept Psychiat, St Louis, MO 63110 USA.

**Field:** [NEUROSCIENCE & BEHAVIOR](#)

20 **Citations:** 968 

WEB OF SCIENCE

**Title:** REQUIREMENT OF HIPPOCAMPAL NEUROGENESIS FOR THE BEHAVIORAL EFFECTS OF ANTIDEPRESSANTS

**Authors:** [SANTARELLI L](#); [SAXE M](#); [GROSS C](#); [SURGET A](#); [BATTAGLIA F](#); [DULAWA S](#); [WEISSTAUB N](#); [LEE J](#); [DUMAN R](#); [ARANCIO O](#); [BELZUNG C](#); [HEN R](#)

**Source:** [SCIENCE](#) 301 (5634): 805-809 AUG 8 2003

**Addresses:** [Columbia Univ](#), Ctr Neurobiol & Behav, New York, NY 10032 USA.  
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[NYU](#), Sch Med, Nathan Kline Res Inst, New York, NY 10016 USA.  
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**Field:** [NEUROSCIENCE & BEHAVIOR](#)

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