

**HOT PAPERS IN AGRICULTURAL & FOOD SCIENCES**  
**2006-2007**  
**BASED ON DATA IN THOMSON SCIENTIFIC'S**  
**ESSENTIAL SCIENCE INDICATORS**

**1 Citations: 24**

**Title:** STANDARDIZATION OF PULSED-FIELD GEL ELECTROPHORESIS PROTOCOLS FOR THE SUBTYPING OF ESCHERICHIA COLI O157 : H7 SALMONELLA, AND SHIGELLA FOR PULSENET

**Authors:** RIBOT EM; FAIR MA; GAUTOM R; CAMERON DN; HUNTER SB; SWAMINATHAN B; BARRETT TJ

**Source:** FOODBORNE PATHOG DIS 3 (1): 59-67 SPR 2006

**Addresses:** Ctr Dis Control & Prevent, 1600 Clifton Rd, Mailstop C03, Atlanta, GA 30333 USA.  
Ctr Dis Control & Prevent, Atlanta, GA 30333 USA.  
Washington State Dept Hlth, Publ Hlth Labs, Shoreline, WA USA.

**2 Citations: 22**

**Title:** REGULATION OF IRON METABOLISM BY HEPCIDIN

**Authors:** NEMETH E; GANZ T

**Source:** ANNU REV NUTR 26: 323-342 2006

**Addresses:** Univ Calif Los Angeles, David Geffen Sch Med, Dept Med, Los Angeles, CA 90095 USA.  
Univ Calif Los Angeles, David Geffen Sch Med, Dept Pathol, Los Angeles, CA 90095 USA.

**3 Citations: 21**

**Title:** UNMETABOLIZED FOLIC ACID IN PLASMA IS ASSOCIATED WITH REDUCED NATURAL KILLER CELL CYTOTOXICITY AMONG POSTMENOPAUSAL WOMEN

**Authors:** TROEN AM; MITCHELL B; SORENSEN B; WENER MH; JOHNSTON A; WOOD B; SELHUB J; MCTIERNAN A; YASUI Y; ORAL E; POTTER JD; ULRICH CM

**Source:** J NUTR 136 (1): 189-194 JAN 2006

**Addresses:** Fred Hutchinson Canc Res Ctr, Canc Prevent Program, 1124 Columbia St, Seattle, WA 98104 USA.  
Fred Hutchinson Canc Res Ctr, Canc Prevent Program, Seattle, WA 98104 USA.  
Tufts Univ, Jean Mayer US Dept Agr, Human Nutr Res Ctr Aging, Boston, MA 02111 USA.  
Univ Washington, Dept Epidemiol, Seattle, WA 98195 USA.  
Univ Washington, Dept Mol & Cellular Biol, Seattle, WA 98195 USA.  
Univ Washington, Dept Lab Med, Seattle, WA 98195 USA.  
Univ Alberta, Dept Publ Hlth Sci, Edmonton, AB, Canada.  
Middle E Tech Univ, Dept Stat, TR-06531 Ankara, Turkey.

**4 Citations: 20**

**Title:** THE ROLE AND APPLICATION OF ENTEROCOCCI IN FOOD AND HEALTH

**Authors:** MORENO MRF; SARANTINOPOULOS P; TSAKALIDOU E; DE VUYST L

**Source:** INT J FOOD MICROBIOL 106 (1): 1-24 JAN 15 2006

**Addresses:** Free Univ Brussels, Dept Appl Biol Sci & Engn, Res Grp Ind Microbiol, Pleinlaan 2, B-1050 Brussels, Belgium.  
Agr Univ Athens, Dept Food Sci & Technol, Dairy Res Lab, GR-11855 Athens, Greece.

**5 Citations: 19**

**Title:** VISIBLE, NEAR INFRARED, MID INFRARED OR COMBINED DIFFUSE REFLECTANCE SPECTROSCOPY FOR SIMULTANEOUS ASSESSMENT OF VARIOUS SOIL PROPERTIES

**Authors:** ROSSEL RAV; WALVOORT DJJ; MCBRATNEY AB; JANIK LJ; SKJEMSTAD JO

**Source:** GEODERMA 131 (1-2): 59-75 MAR 2006

**Addresses:** Univ Sydney, Fac Agr Food & Nat Resources, Australian Ctr Precis Agr, McMillan Bldg A05, Sydney, NSW 2006, Australia.  
Univ Sydney, Fac Agr Food & Nat Resources, Australian Ctr Precis Agr, Sydney, NSW 2006, Australia.  
Univ Wageningen & Res Ctr, Wageningen, Netherlands.  
CSIRO Land & Water, Glen Osmond, SA 5064, Australia.

**6 Citations: 18**

**Title:** GARLIC AND CARDIOVASCULAR DISEASE: A CRITICAL REVIEW

**Authors:** RAHMAN K; LOWE GM

**Source:** J NUTR 136 (3): 736S-740S Suppl. S MAR 2006

**Addresses:** Liverpool John Moores Univ, Sch Biomol Sci, Liverpool L3 3AF, Merseyside, England.

**7 Citations:** 16

**Title:** PHENOLIC COMPOUNDS IN PLANTS AND AGRI-INDUSTRIAL BY-PRODUCTS: ANTIOXIDANT ACTIVITY, OCCURRENCE, AND POTENTIAL USES

**Authors:** BALASUNDRAM N; SUNDRAM K; SAMMAN S

**Source:** FOOD CHEM 99 (1): 191-203 2006

**Addresses:** Univ Sydney, Human Nutr Unit, Sch Mol & Microbial Biosci, G08, Sydney, NSW 2006, Australia.  
Univ Sydney, Human Nutr Unit, Sch Mol & Microbial Biosci, Sydney, NSW 2006, Australia.  
Malaysian Palm Oil Board, Kajang 43000, Malaysia.

**8 Citations:** 15

**Title:** TRENDS IN SERUM FOLATE, RBC FOLATE, AND CIRCULATING TOTAL HOMOCYSTEINE CONCENTRATIONS IN THE UNITED STATES: ANALYSIS OF DATA FROM NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEYS, 1988-1994, 1999-2000, AND 2001-2002

**Authors:** GANJI V; KAFAI MR

**Source:** J NUTR 136 (1): 153-158 JAN 2006

**Addresses:** Univ Illinois, Dept Human Nutr, Coll Appl Hlth Sci, Chicago, IL 60607 USA.  
San Francisco State Univ, Dept Math, San Francisco, CA 94132 USA.

**9 Citations:** 15

**Title:** A REVIEW OF THE EFFECTS AND MECHANISMS OF POLYPHENOLICS IN CANCER

**Authors:** NICHENAMETLA SN; TARUSCIO TG; BARNEY DL; EXON JH

**Source:** CRIT REV FOOD SCI NUTR 46 (2): 161-183 2006

<b>Addresses:</b>	Univ Idaho, Dept Food Sci & Technol, Moscow, ID 83844 USA. Univ Idaho, Sandpoint Res & Extens Ctr, Moscow, ID 83844 USA.
<b>10 Citations:</b>	11
<b>Title:</b>	EXTRACTION OF ACTIVE INGREDIENTS FROM GREEN TEA (CAMELLIA SINENSIS): EXTRACTION EFFICIENCY OF MAJOR CATECHINS AND CAFFEINE
<b>Authors:</b>	PERVA-UZUNALIC A; SKERGET M; KNEZ Z; WEINREICH B; OTTO F; GRUNER S
<b>Source:</b>	FOOD CHEM 96 (4): 597-605 JUN 2006
<b>Addresses:</b>	Univ Maribor, Fac Chem & Chem Engr, Smetanova 17, SLO-2000 Maribor, Slovenia. Univ Maribor, Fac Chem & Chem Engr, SLO-2000 Maribor, Slovenia. Raps GmbH & Co KG, D-95326 Kulmbach, Germany.

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