


[Home](#) [Browse](#) [Search](#) [My Settings](#) [Alerts](#) [Help](#)

Quick Search

All fields


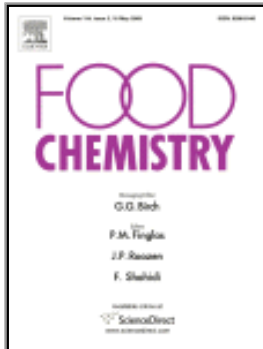
Author

 search tips
Journal/
book title

Volume

Issue



Page

Clear [Advanced Search](#)

Food Chemistry

Copyright © 2009 Elsevier Ltd. All rights reserved.



[Sample Issue Online](#) | [About this Journal](#) | [Submit your Article](#) | [Shortcut link to this Title](#)
 [New Article Feed](#)
 [Alert me about new Volumes / Issues](#)
 Your selection(s) could not be saved due to an internal error. Please try again.

 [Add to collab](#)
 [Add to Favorites](#)
Font Size:  
 = Full-text available



 = Abstract only

 **Articles in Press**

Volumes 111 - 114 (2008 - 2009)

-  **Volume 114, Issue 2**
pp. 383-764 (15 May 2009)
-  **Volume 114, Issue 1**
pp. 1-382 (1 May 2009)
-  **Volume 113, Issue 4**
pp. 859-1388 (15 April 2009)
-  **Volume 113, Issue 3**
pp. 733-858 (1 April 2009)
EuroFIR Special Issue: The role of food composition data in improving quality, healthiness and safety of European diets
-  **Volume 113, Issue 2**
pp. 363-732 (15 March 2009)
-  **Volume 113, Issue 1**
pp. 1-362 (1 March 2009)
-  **Volume 112, Issue 4**
pp. 767-1088 (15 February 2009)
-  **Volume 112, Issue 3**
pp. 525-766 (1 February 2009)
-  **Volume 112, Issue 2**
pp. 279-524 (15 January 2009)
-  **Volume 112, Issue 1**
pp. 1-278 (1 January 2009)
-  **Volume 111, Issue 4**
pp. 805-1074 (15 December 2008)
-  **Volume 111, Issue 3**
pp. 531-804 (1 December 2008)
-  **Volume 111, Issue 2**
pp. 277-530 (15 November 2008)
-  **Volume 111, Issue 1**
pp. 1-276 (1 November 2008)

Volume 114, Issue 2, Pages 383-764 (15 May 2009)

[Previous vol/iss](#) [Next vol/iss](#)
 [Add to my Quick Links](#)
 [Open All Previews](#)

articles 1 - 63

1. [Editorial Board / Aims & Scope](#)

Page IFC

 [Preview](#)  [PDF \(61 K\)](#) | [Related Articles](#)

General Papers

2. [Characterization of chlorophyll degradation in banana and plantain during ripening at high temperature](#)

Pages 383-390



Xiao-tang Yang, Zhao-qi Zhang, Daryl Joyce, Xue-mei Huang, Lang-ying Xu, Xue-qun Pang

 [Preview](#)  [PDF \(583 K\)](#) | [Related Articles](#)

3. [Structural investigation of a novel water-soluble heteropolysaccharide from the fruiting bodies of *Phellinus baumii* Pilát](#)

Pages 391-395



Qing Ge, An-qiang Zhang, Pei-long Sun

 [Preview](#)  [PDF \(267 K\)](#) | [Related Articles](#)

4. [Deodorisation process variables for croaker \(*M. furneri*\) oil](#)




























Pages 396-401



















Valéria Terra Crexi, Fernanda Lourdes Grunennvaldt, Leonor Almeida de Souza Soares, Luiz Antonio Almeida Pinto

 [Preview](#)  [PDF \(218 K\)](#) | [Related Articles](#)


- [+ Volumes 101 - 110 \(2007 - 2008\)](#)
- [+ Volumes 91 - 100 \(2005 - 2007\)](#)
- [+ Volumes 81 - 90 \(2003 - 2005\)](#)
- [+ Volumes 71 - 80 \(2000 - 2003\)](#)
- [+ Volumes 61 - 70 \(1998 - 2000\)](#)
- [+ Volumes 51 - 60 \(1994 - 1997\)](#)
- [+ Volumes 41 - 50 \(1991 - 1994\)](#)
- [+ Volumes 31 - 40 \(1989 - 1991\)](#)
- [+ Volumes 21 - 30 \(1986 - 1988\)](#)
- [+ Volumes 11 - 20 \(1983 - 1986\)](#)
- [+ Volumes 1 - 10 \(1976 - 1983\)](#)

5.  **Characterisation of acid protease expressed from *Aspergillus oryzae* MTCC 5341**
 Pages 402-407
 K.S. Vishwanatha, A.G. Appu Rao, Sridevi Annapurna Singh
 [Preview](#)  [PDF \(419 K\)](#) | [Related Articles](#)
6.  **Preliminary characterisation of cornelian cherry (*Cornus mas* L.) genotypes for their physico-chemical properties**
 Pages 408-412
 Kadir Ugurtan Yilmaz, Sezai Ercisli, Yasar Zengin, Memnune Sengul, Ebru Yasa Kafkas
 [Preview](#)  [PDF \(283 K\)](#) | [Related Articles](#)
7.  **Biotransformation of phenolics (isoflavones, flavanols and phenolic acids) during the fermentation of *cheonggukjang* by *Bacillus pumilus* HY1**
 Pages 413-419
 Kye Man Cho, Su Young Hong, Renukaradhya K. Math, Jin Hwan Lee, Devaiah M. Kambiranda, Jong Min Kim, Shah Md. Asrafu Islam, Myoung Geun Yun, Ji Joong Cho, Woo Jin Lim, Han Dae Yun
 [Preview](#)  [PDF \(270 K\)](#) | [Related Articles](#)
8.  **Changes in the aromatic composition of the *Vitis vinifera* grape Muscat Hamburg during ripening**
 Pages 420-428
 José Fenoll, Angela Manso, Pilar Hellín, Leonor Ruiz, Pilar Flores
 [Preview](#)  [PDF \(200 K\)](#) | [Related Articles](#)
9.  **Assessment of the antioxidant capacity of a fermented grain food product, Antioxidant Biofactor (AOB), by using pyranine and pyrogallol red as a combined probe**
 Pages 429-433
 Yo Omata, Yoko Ogawa, Yoshiro Saito, Yasukazu Yoshida, Etsuo Niki
 [Preview](#)  [PDF \(254 K\)](#) | [Related Articles](#)
10.  **Recovery of anthocyanins from eggplant peel**
 Pages 434-439
 Aldo Todaro, Francesco Cimino, Paolo Rapisarda, Anna E. Catalano, Riccardo N. Barbagallo, Giovanni Spagna
 [Preview](#)  [PDF \(384 K\)](#) | [Related Articles](#)
11.  **Bitterness in *Bacillus* proteinase hydrolysates of whey proteins**
 Pages 440-446
 D. Spellman, G. O'Cuinn, R.J. FitzGerald
 [Preview](#)  [PDF \(239 K\)](#) | [Related Articles](#)
12.  **Nickel–boron alloy catalysts reduce the formation of *Trans* fatty acids in hydrogenated soybean oil**
 Pages 447-452
 Tonglin Li, Weinong Zhang, Roy Zhenhu Lee, Qixin Zhong
 [Preview](#)  [PDF \(274 K\)](#) | [Related Articles](#)
13.  **Ability of methanolic seed extracts of pawpaw (*Asimina triloba*) to inhibit *n*-3 fatty acid oxidation initiated by peroxy radicals and reactive oxygen, nitrogen, and sulfur**
 Pages 453-458
 Robert G. Brannan, Dane E. Salabak
 [Preview](#)  [PDF \(286 K\)](#) | [Related Articles](#)




14.  **Characterization of cyclodextrin complexes with turmeric oleoresin**
Pages 459-465
Zaibunnisa Abdul Haiyee, Norashikin Saim, Mamot Said, Rosli Md. Illias, Wan Aida Wan Mustapha, Osman Hassan
 [Preview](#)  [PDF \(639 K\)](#) | [Related Articles](#)
15.  ***In vitro* and *in vivo* antioxidant properties of ferulic acid: A comparative study with other natural oxidation inhibitors**
Pages 466-471
Shirou Itagaki, Toshimitsu Kurokawa, Chie Nakata, Yoshitaka Saito, Setsu Oikawa, Masaki Kobayashi, Takeshi Hirano, Ken Iseki
 [Preview](#)  [PDF \(391 K\)](#) | [Related Articles](#)
16.  **Evaluation of lipid oxidation in spaghetti pasta enriched with long chain *n*-3 polyunsaturated fatty acids under different storage conditions**
Pages 472-477
Vito Verardo, Federico Ferioli, Ylenia Ricuputi, Giovanna Iafelice, Emanuele Marconi, Maria Fiorenza Caboni
 [Preview](#)  [PDF \(217 K\)](#) | [Related Articles](#)
17.  **Oxidation of linoleic acid as a marker for shelf life of corn flour**
Pages 478-483
Ana Lilia López-Duarte, Reyna Luz Vidal-Quintanar
 [Preview](#)  [PDF \(259 K\)](#) | [Related Articles](#)
18.  **Modelling the effect of different sterilisation treatments on antioxidant activity and colour of carrot slices during storage**
Pages 484-491
A. Patras, B.K. Tiwari, N.P. Brunton, F. Butler
 [Preview](#)  [PDF \(707 K\)](#) | [Related Articles](#)
19.  **Physical–chemical and functional properties of maca root starch (*Lepidium meyenii* Walpers)**
Pages 492-498
Gerby Giovanna Rondán-Sanabria, Flavio Finardi-Filho
 [Preview](#)  [PDF \(401 K\)](#) | [Related Articles](#)
20.  **Identification of bioactive compounds in *Phyllanthus emblica* L. fruit and their free radical scavenging activities**
Pages 499-504
Wei Luo, Mouming Zhao, Bao Yang, Guanglin Shen, Guohua Rao
 [Preview](#)  [PDF \(179 K\)](#) | [Related Articles](#)
21.  **Sensory, microbiological and chemical assessment of the freshness of red mullet (*Mullus barbatus*) and goldband goatfish (*Upeneus moluccensis*) during storage in ice**
Pages 505-510
Gülsün Özyurt, Esmeray Kuley, Serhat Özkütük, Fatih Özogul
 [Preview](#)  [PDF \(173 K\)](#) | [Related Articles](#)
22.  **European elderberry (*Sambucus nigra* L.) rich in sugars, organic acids, anthocyanins and selected polyphenols**
Pages 511-515
Robert Veberic, Jerneja Jakopic, Franci Stampar, Valentina Schmitzer
 [Preview](#)  [PDF \(210 K\)](#) | [Related Articles](#)

23.  **Identification of pro-drug type ACE inhibitory peptide sourced from porcine myosin B: Evaluation of its antihypertensive effects *in vivo***
Pages 516-522
 Michio Muguruma, Abdulatef M. Ahmed, Kazunori Katayama, Satoshi Kawahara, Masugi Maruyama, Toyoo Nakamura
 [Preview](#)  [PDF \(510 K\)](#) | [Related Articles](#)
24.  **A major β -amylase expressed in radish taproots**
Pages 523-528
 Masakazu Hara, Takashi Sawada, Atsuko Ito, Fumio Ito, Toru Kuboi
 [Preview](#)  [PDF \(258 K\)](#) | [Related Articles](#)
25.  **Anthocyanins and fruit colour in plums (*Prunus domestica* L.) during ripening**
Pages 529-534
 Valentina Usenik, Franci Štampar, Robert Veberič
 [Preview](#)  [PDF \(202 K\)](#) | [Related Articles](#)
26.  **Role of precursors on the kinetics of acrylamide formation and elimination under low moisture conditions using a multiresponse approach – Part II: Competitive reactions**
Pages 535-546
 Kristel De Vleeschouwer, Iesal Van der Plancken, Ann Van Loey, Marc E. Hendrickx
 [Preview](#)  [PDF \(488 K\)](#) | [Related Articles](#)
27.  **Effect of nano-packing on preservation quality of Chinese jujube (*Ziziphus jujuba* Mill. var. *inermis* (Bunge) Rehd)**
Pages 547-552
 Hongmei Li, Feng Li, Lin Wang, Jianchun Sheng, Zhihong Xin, Liyan Zhao, Hongmei Xiao, Yonghua Zheng, Qiuhui Hu
 [Preview](#)  [PDF \(235 K\)](#) | [Related Articles](#)
28.  **The influence of fruit ripening on the phytochemical content and biological activity of *Capsicum chinense* Jacq. cv Habanero**
Pages 553-560
 Federica Menichini, Rosa Tundis, Marco Bonesi, Monica R. Loizzo, Filomena Conforti, Giancarlo Statti, Bruno De Cindio, Peter J. Houghton, Francesco Menichini
 [Preview](#)  [PDF \(268 K\)](#) | [Related Articles](#)
29.  **Essential fatty acids of pitaya (dragon fruit) seed oil**
Pages 561-564
 Abdul Azis Ariffin, Jamilah Bakar, Chin Ping Tan, Russly Abdul Rahman, Roselina Karim, Chia Chun Loi
 [Preview](#)  [PDF \(192 K\)](#) | [Related Articles](#)
30.  **Sensory characters of Cabernet Sauvignon dry red wine from Changli County (China)**
Pages 565-569
 Yong-Sheng Tao, Yong-qiang Liu, Hua Li
 [Preview](#)  [PDF \(172 K\)](#) | [Related Articles](#)
31.  **Fatty acid composition and phenolic antioxidants of winemaking pomace powder**
Pages 570-576
 Chun Yi, John Shi, John Kramer, Sophia Xue, Yueming Jiang, Mingwei Zhang, Ying Ma, Joseph Pohorly
 [Preview](#)  [PDF \(337 K\)](#) | [Related Articles](#)




32.  **Antioxidant properties of various solvent extracts from lychee (*Litchi chinensis* Sonn.) flowers**
Pages 577-581
Shih-Chuan Liu, Jau-Tien Lin, Chin-Kun Wang, Hsin-Yi Chen, Deng-Jye Yang
 [Preview](#)  [PDF \(169 K\)](#) | [Related Articles](#)
33.  **Effect of hot acidic fructose solution on caramelisation intermediates including colour, hydroxymethylfurfural and antioxidative activity changes**
Pages 582-588
Su-Lin Chen, Deng-Jye Yang, Hsin-Yi Chen, Shih-Chuan Liu
 [Preview](#)  [PDF \(621 K\)](#) | [Related Articles](#)
34.  **Treatment of soy milk with *Debaryomyces hansenii* cells immobilised in alginate**
Pages 589-593
Waldeck Campanha de Souza Júnior, Sebastião Tavares de Rezende, Pollyanna Amaral Viana, Daniel Luciano Falkoski, Angélica Pataro Reis, Solimar Gonçalves Machado, Everaldo Gonçalves de Barros, Valéria Monteze Guimarães
 [Preview](#)  [PDF \(205 K\)](#) | [Related Articles](#)
35.  **Evaluation of antioxidant, antibacterial and anti-tyrosinase activities of four *Macaranga* species**
Pages 594-599
T.Y. Lim, Y.Y. Lim, C.M. Yule
 [Preview](#)  [PDF \(254 K\)](#) | [Related Articles](#)
36.  **Comparison of volatile components in fermented soybean pastes using simultaneous distillation and extraction (SDE) with sensory characterisation**
Pages 600-609
Seung-Joo Lee, Bomi Ahn
 [Preview](#)  [PDF \(414 K\)](#) | [Related Articles](#)
37.  **Chemical composition and anti-inflammatory activity of pectic polysaccharide isolated from celery stalks**
Pages 610-615
Raisa G. Ovodova, Victoria V. Golovchenko, Sergey V. Popov, Galina Yu. Popova, Nikita M. Paderin, Alexandre S. Shashkov, Yury S. Ovodov
 [Preview](#)  [PDF \(271 K\)](#) | [Related Articles](#)
38.  **Microencapsulation by spray drying of bioactive compounds from cactus pear (*Opuntia ficus-indica*)**
Pages 616-622
Carmen Saéñz, Sandra Tapia, Jorge Chávez, Paz Robert
 [Preview](#)  [PDF \(430 K\)](#) | [Related Articles](#)
39.  **Characteristics of flaxseed hull oil**
Pages 623-628
B. Dave Oomah, Laurie Sitter
 [Preview](#)  [PDF \(321 K\)](#) | [Related Articles](#)
40.  **Anti-glycated activity of polysaccharides of longan (*Dimocarpus longan* Lour.) fruit pericarp treated by ultrasonic wave**
Pages 629-633
Bao Yang, Mouming Zhao, Yueming Jiang
 [Preview](#)  [PDF \(344 K\)](#) | [Related Articles](#)

41.  **Tropomyosins in gastropods and bivalves: Identification as major allergens and amino acid sequence features**
Pages 634-641
Ai Emoto, Shoichiro Ishizaki, Kazuo Shiomi
 [Preview](#)  [PDF \(563 K\)](#) | [Related Articles](#)
42.  **Chemical composition and antioxidant activity of essential oil from residues of *Artemisia scoparia***
Pages 642-645
Harminder Pal Singh, Sunil Mittal, Shalinder Kaur, Daizy R. Batish, Ravinder K. Kohli
 [Preview](#)  [PDF \(146 K\)](#) | [Related Articles](#)
43.  **Effect of alkaline pretreatment and cooking on protein fractions of a high-tannin sorghum cultivar**
Pages 646-648
Nawal M.M. Ali, Abdullahi H. El Tinay, Abd Elmoneim O. Elkhalfifa, O.A. Salih, N.E. Yousif
 [Preview](#)  [PDF \(181 K\)](#) | [Related Articles](#)
44.  **Studies on the copigmentation between anthocyanins and flavan-3-ols and their influence in the colour expression of red wine**
Pages 649-656
Susana González-Manzano, Montserrat Dueñas, Julián C. Rivas-Gonzalo, M. Teresa Escribano-Bailón, Celestino Santos-Buelga
 [Preview](#)  [PDF \(223 K\)](#) | [Related Articles](#)
45.  **Developmental changes in pulp organic acid concentration and activities of acid-metabolising enzymes during the fruit development of two loquat (*Eriobotrya japonica* Lindl.) cultivars differing in fruit acidity**
Pages 657-664
Fa-Xing Chen, Xing-Hui Liu, Li-Song Chen
 [Preview](#)  [PDF \(267 K\)](#) | [Related Articles](#)
46.  **Cream formation and main chemical components of green tea infusions processed from different parts of new shoots**
Pages 665-670
Jun-Feng Yin, Yong-Quan Xu, Hai-Bo Yuan, Long-Xin Luo, Xiao-Jun Qian
 [Preview](#)  [PDF \(282 K\)](#) | [Related Articles](#)
47.  **Variations in the essential oil composition in buds of six blackcurrant (*Ribes nigrum* L.) cultivars at various development phases**
Pages 671-679
A. Dvaranauskaitė, P.R. Venskutonis, C. Raynaud, T. Talou, P. Viškelis, A. Sasnauskas
 [Preview](#)  [PDF \(324 K\)](#) | [Related Articles](#)
48.  **Composition and antimicrobial activity of essential oils of *Cinnamosma fragrans***
Pages 680-684
Roger Randrianarivelo, Samira Sarter, Eric Odoux, Pierre Brat, Marc Lebrun, Bernard Romestand, Chantal Menut, Hanitriniaina Sahondra Andrianoelisoa, Marson Raherimandimby, Pascal Danthu
 [Preview](#)  [PDF \(155 K\)](#) | [Related Articles](#)
49.  **Spontaneous sourdough processing of Chinese Northern-style steamed breads and their volatile compounds**
Pages 685-692
Yangsoo Kim, Weining Huang, Huiyan Zhu, Patricia Rayas-Duarte
 [Preview](#)  [PDF \(1275 K\)](#) | [Related Articles](#)

Short Communication

50.  **Free radical-scavenging behaviour of some north-east Brazilian fruits in a DPPH_• system**
Pages 693-695
Maria S.M. Rufino, Fabiano A.N. Fernandes, Ricardo E. Alves, Edy S. de Brito
 [Preview](#)  [PDF \(142 K\)](#) | [Related Articles](#)

Corrigendum

51.  **Corrigendum to “Vitamin E protects developing rat hippocampus and cerebellum against ethanol-induced oxidative stress and apoptosis” by Alireza Shirpoor, Syranush Minassian, Siamak Salami, Mohammad Hassan, Khadem-Ansari and Marine Yeghiazaryan *Food Chemistry* 113(1) 115–120 (2009)**
Page 696
Alireza Shirpoor, Syranush Minassian, Siamak Salami, Mohammad Hassan Khadem-Ansari, Marine Yeghiazaryan
 [Preview](#)  [PDF \(91 K\)](#) | [Related Articles](#)

Analytical Methods

52.  **Gas chromatography carbon isotope ratio mass spectrometry applied to the detection of neutral alcohol in Scotch whisky: an internal reference approach**
Pages 697-701
Christopher N Rhodes, Karl Heaton, Ian Goodall, Paul A Breerton
 [Preview](#)  [PDF \(177 K\)](#) | [Related Articles](#)
53.  **Optimization of SC-CO₂ extraction of zerumbone from *Zingiber zerumbet* (L) Smith**
Pages 702-705
N.A. Nik Norulaini, O. Anuar, A.K.M. Omar, Abbas F.M. AlKarkhi, Wahyu B. Setianto, M. O. Fatehah, F. Sahena, I.S.M. Zaidul
 [Preview](#)  [PDF \(316 K\)](#) | [Related Articles](#)
54.  **Trace mineral content of conventional, organic and courtyard eggs analysed by inductively coupled plasma mass spectrometry (ICP-MS)**
Pages 706-711
I. Giannenas, P. Nisianakis, A. Gavriil, G. Kontopidis, I. Kyriazakis
 [Preview](#)  [PDF \(160 K\)](#) | [Related Articles](#)
55.  **Liquid chromatographic–mass spectrometric analysis of glycerophospholipids in corn oil**
Pages 712-716
Saousse Harrabi, Wahid Herchi, Habib Kallel, Paul M. Mayer, Sadok Boukhchina
 [Preview](#)  [PDF \(560 K\)](#) | [Related Articles](#)
56.  **Antioxidant capacity of bioactives extracted from canola meal by subcritical water, ethanolic and hot water extraction**
Pages 717-726
Majid Hassas-Roudsari, Peter R. Chang, Ronald B. Pegg, Robert T. Tyler
 [Preview](#)  [PDF \(316 K\)](#) | [Related Articles](#)
57.  **Composition of honey from Córdoba (Argentina): Assessment of North/South provenance by chemometrics**
Pages 727-733
María Verónica Baroni, Carina Arrua, María Laura Nores, Pablo Fayé, María del Pilar Díaz, Gustavo Alberto Chiabrando, Daniel Alberto Wunderlin
 [Preview](#)  [PDF \(492 K\)](#) | [Related Articles](#)

58.  **Factors affecting sample extraction in the liquid chromatographic determination of organic acids in papaya and pineapple**

Pages 734-741

Yurena Hernández, M. Gloria Lobo, Mónica González

 [Preview](#)  [PDF \(275 K\)](#) | [Related Articles](#)

59.  **Near infrared spectral fingerprinting for confirmation of claimed PDO provenance of honey**

Pages 742-746

Tony Woodcock, Gerard Downey, Colm P. O'Donnell

 [Preview](#)  [PDF \(166 K\)](#) | [Related Articles](#)

60.  ***In vitro* bioaccessibility of lutein and zeaxanthin from the microalgae *Scenedesmus almeriensis***

Pages 747-752

F. Granado-Lorencio, C. Herrero-Barbudo, G. Acien-Fernández, E. Molina-Grima, J.M. Fernández-Sevilla, B. Pérez-Sacristán, I. Blanco-Navarro

 [Preview](#)  [PDF \(573 K\)](#) | [Related Articles](#)

61.  **Determination of alkylphenol residues in breast and commercial milk by solid-phase extraction and gas chromatography–mass spectrometry**

Pages 753-757

Wei-Chun Lin, Shu-Li Wang, Chin-Yuan Cheng, Wang-Hsien Ding

 [Preview](#)  [PDF \(222 K\)](#) | [Related Articles](#)


62.  **Determination of minor carbohydrates in carrot (*Daucus carota* L.) by GC–MS**

Pages 758-762

A.C. Soria, M.L. Sanz, M. Villamiel

 [Preview](#)  [PDF \(173 K\)](#) | [Related Articles](#)

Erratum

63.  **Erratum to “Simultaneous determination of illegal additives in dietary supplements and traditional medicines by high performance liquid chromatography–electrospray ionization mass spectrometry” [*Food Chemistry* 113(1) (2009) 227–232]**

Page 763

Juan Wang, Dajin Yang, Zhutian Wang, Bo Chen, Shouzhuo Yao

 [Preview](#)  [PDF \(91 K\)](#) | [Related Articles](#)

articles 1 - 63

[Home](#)

[Browse](#)

[Search](#)

[My Settings](#)

[Alerts](#)

[Help](#)



[About ScienceDirect](#) | [Contact Us](#) | [Information for Advertisers](#) | [Terms & Conditions](#) | [Privacy Policy](#)

Copyright © 2009 Elsevier B.V. All rights reserved. ScienceDirect® is a registered trademark of Elsevier B.V.