


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

Title, abstract, keywords

Author

e.g. j s smith

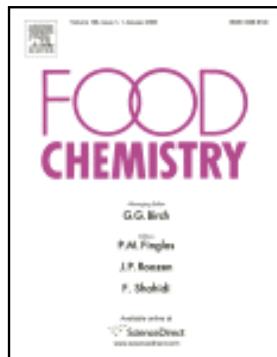
[? search tips](#)

Journal/book title

Volume

Issue

Page

[Clear](#)**Food Chemistry**

Copyright © 2007 Elsevier Ltd. All rights reserved  
Shortcut URL to this page: <http://www.sciencedirect.com/science/journal/03088146>

[Alert me about new Journal Issues](#)[Add to Favorites](#)[Apply](#)[Article Feed](#)
[Sample Issue Online](#) | [About this Journal](#) | [Submit your Article](#)
**Volume 106, Issue 1, Pages 1-436 (1 January 2008)**
[• Previous vol/iss](#) [Next vol/iss •](#)

= Full-text available

= Non-subscribed

[What does this mean?](#)
**Articles in Press****Volumes 101 - 106 (2007 - 2008)**

- [Volume 106, Issue 3](#)  
pp. 875-1312 (1 February 2008)
- [Volume 106, Issue 2](#)  
pp. 437-874 (15 January 2008)

- Volume 106, Issue 1**  
pp. 1-436 (1 January 2008)

- [Volume 105, Issue 4](#)  
pp. 1327-1766 (2007)

- [Volume 105, Issue 3](#)  
pp. 889-1326 (2007)

- [Volume 105, Issue 2](#)  
pp. 449-888 (2007)

- [Volume 105, Issue 1](#)  
pp. 1-448 (2007)

- [Volume 104, Issue 4](#)  
pp. 1327-1764 (2007)

- [Volume 104, Issue 3](#)  
pp. 889-1326 (2007)

- [Volume 104, Issue 2](#)  
pp. 451-888 (2007)

- [Volume 104, Issue 1](#)  
pp. 1-450 (2007)

- [Volume 103, Issue 4](#)  
pp. 1075-1514 (2007)

- [Volume 103, Issue 3](#)  
pp. 689-1074 (2007)

- [Volume 103, Issue 2](#)  
pp. 255-688 (2007)

**Article ListFull Abstracts**[Add to my Quick Links](#)

articles 1 - 62

- 1.

**Editorial Board / Aims & Scope**[Page IFC](#)[PDF \(74 K\)](#)**Editorial**

- 2.

**Editorial**[Page 1](#)

Gordon Birch, Paul M. Finglas, Jacques Roozen and Fereidoon Shahidi  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(69 K\)](#)

**General Papers**

- 3.

**Antioxidants from a Chinese medicinal herb – *Lithospermum erythrorhizon***[Pages 2-10](#)

Jie Han, Xinchu Weng and Kaishun Bi  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(426 K\)](#)

- 4.

**Effects of acidification on physico-chemical characteristics of buffalo milk: A comparison with cow's milk**[Pages 11-17](#)

Sarfraz Ahmad, Isabelle Gaucher, Florence Rousseau, Eric Beaucher, Michel Piot, Jean François Grongnet and Frédéric Gaucheron  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(202 K\)](#)

-  [Volume 103, Issue 1](#)  
pp. 1-254 (2007)
-  [Volume 102, Issue 4](#)  
pp. 993-1430 (2007)
-  [Volume 102, Issue 3](#)  
pp. 551-992 (2007)
-  [Volume 102, Issue 2](#)  
pp. 435-550 (2007)  
EFFoST 2005 Annual Meeting: Innovations in traditional foods
-  [Volume 102, Issue 1](#)  
pp. 1-434 (2007)
-  [Volume 101, Issue 4](#)  
pp. 1319-1768 (2007)
-  [Volume 101, Issue 3](#)  
pp. 877-1318 (2007)
-  [Volume 101, Issue 2](#)  
pp. 439-876 (2007)
-  [Volume 101, Issue 1](#)  
pp. 1-438 (2007)
-  [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. <input type="checkbox"/>     | <b>Phenolic compounds and colour stability of Vinhão wines: Influence of wine-making protocol and fining agents</b><br><i>Pages 18-26</i><br>J.X. Castillo-Sánchez, M.S. García-Falcón, J. Garrido, E. Martínez-Carballo, L.R. Martins-Dias and X.C. Mejuto<br><a href="#">SummaryPlus</a>   <a href="#">Full Text + Links</a>   <a href="#">PDF (600 K)</a>   |
|  6. <input type="checkbox"/>    | <b>Role of polyphenols in antioxidant capacity of napiergrass from different growing seasons</b><br><i>Pages 27-32</i><br>Pi-Jen Tsai, Shiau-Chi Wu and Yu-Kuei Cheng<br><a href="#">SummaryPlus</a>   <a href="#">Full Text + Links</a>   <a href="#">PDF (196 K)</a>   |
|  7. <input type="checkbox"/>    | <b>Incorporation of selected long-chain fatty acids into trilinolein and trilinolenin</b><br><i>Pages 33-39</i><br>Fayez Hamam and Fereidoon Shahidi<br><a href="#">SummaryPlus</a>   <a href="#">Full Text + Links</a>   <a href="#">PDF (140 K)</a>  |
|  8. <input type="checkbox"/>    | <b>Upgrading of discarded oranges through fermentation using kefir in food industry</b><br><i>Pages 40-49</i><br>Stavros Plessas, Dionysios Koliopoulos, Yiannis Kourkoutas, Constantinos Psarianos, Athanasios Alexopoulos, Roger Marchant, Ibrahim M. Banat and Athanasios A. Koutinas<br><a href="#">SummaryPlus</a>   <a href="#">Full Text + Links</a>   <a href="#">PDF (409 K)</a>                      |
|  9. <input type="checkbox"/>    | <b>Evaluation of complex forming ability of hydroxypropyl-<math>\beta</math>-cyclodextrins</b><br><i>Pages 50-55</i><br>Chao Yuan, Zhengyu Jin and Xuehong Li<br><a href="#">SummaryPlus</a>   <a href="#">Full Text + Links</a>   <a href="#">PDF (256 K)</a>   |
|  10. <input type="checkbox"/> | <b>Protein and water structural changes in fish surimi during gelation as revealed by isotopic H/D exchange and Raman spectroscopy</b><br><i>Pages 56-64</i><br>Ignacio Sánchez-González, Pedro Carmona, Pilar Moreno, Javier Borderías, Isabel Sánchez-Alonso, Arantxa Rodríguez-Casado and Mercedes Careche<br><a href="#">SummaryPlus</a>   <a href="#">Full Text + Links</a>   <a href="#">PDF (537 K)</a> |
|  11. <input type="checkbox"/> | <b>Effect of cold storage on vitamins C and E and fatty acids in human milk</b><br><i>Pages 65-70</i><br>M. Romeu-Nadal, A.I. Castellote and M.C. López-Sabater<br><a href="#">SummaryPlus</a>   <a href="#">Full Text + Links</a>   <a href="#">PDF (142 K)</a>   |
|  12. <input type="checkbox"/> | <b>Volatiles and key odorants in the pileus and stipe of pine-mushroom (<i>Tricholoma matsutake</i> Sing.)</b><br><i>Pages 71-76</i><br>I.H. Cho, H.-J. Namgung, H.-K. Choi and Y.-S. Kim<br><a href="#">SummaryPlus</a>   <a href="#">Full Text + Links</a>   <a href="#">PDF (186 K)</a>   |
|  13. <input type="checkbox"/> | <b>Effect of detoxification on the functional and nutritional quality of proteins of karanja seed meal</b><br><i>Pages 77-84</i><br>B.J. Vinay and T.C. Sindhu Kanya<br><a href="#">SummaryPlus</a>   <a href="#">Full Text + Links</a>   <a href="#">PDF (165 K)</a>  |
|  14. <input type="checkbox"/> | <b>Carotene content of some common (cereals, pulses, vegetables, spices and condiments) and unconventional sources of plant origin</b><br><i>Pages 85-89</i><br>Bhaskarachary Kandlakunta, Ananthan Rajendran and Longvah Thingnganeng<br><a href="#">SummaryPlus</a>   <a href="#">Full Text + Links</a>   <a href="#">PDF (120 K)</a>  |

-  15.  **A study on relationships among chemical, physical, and qualitative assessment in traditional balsamic vinegar**  
Pages 90-95  
Francesca Masino, Fabio Chinnici, Alessandra Bendini, Giuseppe Montevercchi and Andrea Antonelli  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(140 K\)](#)
-  16.  **Film and pharmaceutical hard capsule formation properties of mungbean, waterchestnut, and sweet potato starches**  
Pages 96-105  
Ho J. Bae, Dong S. Cha, William S. Whiteside and Hyun J. Park  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(746 K\)](#)
-  17.  **Tempeh flour from chickpea (*Cicer arietinum* L.) nutritional and physicochemical properties**  
Pages 106-112  
Paola I. Angulo-Bejarano, Nadia M. Verdugo-Montoya, Edith O. Cuevas-Rodríguez, Jorge Milán-Carrillo, Rosalva Mora-Escobedo, Jose A. Lopez-Valenzuela, José A. Garzón-Tiznado and Cuauhtémoc Reyes-Moreno  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(162 K\)](#)
-  18.  **Treatment of corn bran dietary fiber with xylanase increases its ability to bind bile salts, in vitro**  
Pages 113-121  
Ye-Bi Hu, Zhang Wang and Shi-Ying Xu  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(255 K\)](#)
-  19.  **Quality of superchilled vacuum packed Atlantic salmon (*Salmo salar*) fillets stored at -1.4 and -3.6 °C**  
Pages 122-131  
A.S. Duun and T. Rustad  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(406 K\)](#)
-  20.  **Antimicrobial activity and chemical composition of *Origanum glandulosum* Desf. essential oil and extract obtained by microwave extraction: Comparison with hydrodistillation**  
Pages 132-139  
M. Bendahou, A. Muselli, M. Grignon-Dubois, M. Benyoucef, Jean-Marie Desjober, Antoine-François Bernardini and Jean Costa  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(438 K\)](#)
-  21.  **Effect of different cooking methods on the oxidation, proximate and fatty acid composition of silver catfish (*Rhamdia quelen*) fillets**  
Pages 140-146  
Jucieli Weber, Vivian C. Bochi, Cristiane P. Ribeiro, André de M. Victório and Tatiana Emanuelli  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(291 K\)](#)
-  22.  **Profiling the chlorogenic acids of sweet potato (*Ipomoea batatas*) from China**  
Pages 147-152  
Wang Zheng and Michael N. Clifford  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(179 K\)](#)
-  23.  **Phenolic acids and flavonoids of fig fruit (*Ficus carica* L.) in the northern Mediterranean region**  
Pages 153-157  
Robert Veberic, Mateja Colarić and Franci Stampar  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(146 K\)](#)
-  24.  **Dissipation of imidacloprid in Orthodox tea and its transfer from made tea to infusion**  
Pages 158-164  
Monika Gupta, Anupam Sharma and Adarsh Shanker  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(270 K\)](#)

25.  **Nutrient composition and physicochemical properties of Indian medicinal rice – Njavara**  
Pages 165-171  
G. Deepa, Vasudeva Singh and K. Akhilender Naidu  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(290 K\)](#)
26.  **Non-enzymatic browning in clarified cashew apple juice during thermal treatment: Kinetics and process control**  
Pages 172-179  
Leandro F. Damasceno, Fabiano A.N. Fernandes, Margarida M.A. Magalhães and Edy S. Brito  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(489 K\)](#)
27.  **Induction of  $\gamma$  irradiation for decontamination and to increase the storage stability of black teas**  
Pages 180-184  
Jibu Thomas, R.S. Senthilkumar, R. Raj Kumar, A.K.A. Mandal and N. Muraleedharan  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(134 K\)](#)
28.  **Antioxidative activity of Mungoong, an extract paste, from the cephalothorax of white shrimp (*Litopenaeus vannamei*)**  
Pages 185-193  
Wanwisa Binsan, Soottawat Benjakul, Wonnop Visessanguan, Sittiruk Roytrakul, Munehiko Tanaka and Hideki Kishimura  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(194 K\)](#)
29.  **Characteristics of trypsin from the pyloric ceca of walleye pollock (*Theragra chalcogramma*)**  
Pages 194-199  
Hideki Kishimura, Sappasith Klomklao, Soottawat Benjakul and Byung-Soo Chun  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(306 K\)](#)
30.  **Physicochemical effect of pH and antioxidants on mono- and triglutamate forms of 5-methyltetrahydrofolate, and evaluation of vitamin stability in human gastric juice: Implications for folate bioavailability**  
Pages 200-210  
Xiaowei Ng, Mark Lucock and Martin Veysey  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(859 K\)](#)
31.  **Addition of gelatin enhanced gelation of corn–milk yogurt**  
Pages 211-216  
Piyawan Supavitipatana, Tri Indrarini Wirjantoro, Arunee Apichartsrangkoon and Patcharin Ravayan  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(395 K\)](#)
32.  **Chlorogenic acid and caffeine contents in various commercial brewed coffees**  
Pages 217-221  
K. Fujioka and T. Shibamoto  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(144 K\)](#)
33.  **Changes in the oxidative state of extra virgin olive oil used in baked Italian focaccia topped with different ingredients**  
Pages 222-226  
Debora Delcuratolo, Tommaso Gomes, Vito Michele Paradiso and Raffaella Nasti  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(176 K\)](#)
34.  **Lipid oxidation in glassy and rubbery-state starch extrudates**  
Pages 227-234  
David A. Gray, Sarah E. Bowen, Imaad Farhat and Sandra E. Hill  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(330 K\)](#)

35. **Correlations of carotene with sensory attributes in carrots under different storage conditions**

Pages 235-240

Matthias Berger, Torben Küchler, Andrea Maaßen, Mechthild Busch-Stockfisch and Hans Steinhart

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(147 K\)](#)36. **Fumonisin level in corn-based food and feed from Linxian County, a high-risk area for esophageal cancer in China**

Pages 241-246

Jiansheng Wang, Ying Zhou, Wanbo Liu, Xiangcheng Zhu, Liangcheng Du and Qiaomei Wang

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(132 K\)](#)37.  **$\alpha$ -Glucosidase and  $\alpha$ -amylase inhibitory activities of Nepalese medicinal herb Pakhanbhed (*Bergenia ciliata*, Haw.)**

Pages 247-252

Megh Raj Bhandari, Nilubon Jong-Anurakkun, Gao Hong and Jun Kawabata

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(143 K\)](#)38. **Postmortem changes in the adductor muscle of Pacific lions-paw scallop (*Nodipecten subnodosus*) during ice storage**

Pages 253-259

Ramón Pacheco-Aguilar, Enrique Marquez-Ríos, María Elena Lugo-Sánchez, Guillermmina García-Sánchez, Alfonso N. Maeda-Martínez and Víctor M. Ocaño-Higuera

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(178 K\)](#)39. **Effect of taurine on toxicity of vitamin A in rats**

Pages 260-268

Yen-Hung Yeh, Ya-Ting Lee, Hung-Sheng Hsieh and Deng-Fwu Hwang

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(255 K\)](#)40. **Chemical composition and immuno-stimulating properties of polysaccharide biological response modifier isolated from *Radix Angelica sinensis***

Pages 269-276

Xingbin Yang, Yan Zhao, Guoli Li, Zhezhi Wang and You Lv

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(184 K\)](#)41. **The flavonoid, carotenoid and pectin content in peels of citrus cultivated in Taiwan**

Pages 277-284

Yuan-Chuen Wang, Yueh-Chueh Chuang and Hsing-Wen Hsu

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(156 K\)](#)42. **Distribution of fungi and aflatoxins in a stored peanut variety**

Pages 285-290

Viviane Kobuchi Nakai, Liliana de Oliveira Rocha, Edlayne Gonçalez, Homero Fonseca, Edwin Moisés Marcos Ortega and Benedito Corrêa

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(136 K\)](#)43. **Characterization of polyphenoloxidase (PPO) and total phenolic contents in medlar (*Mespilus germanica* L.) fruit during ripening and over ripening**

Pages 291-298

F.A. Ayaz, O. Demir, H. Torun, Y. Kolcuoglu and A. Colak

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(239 K\)](#)44. **Vitamins A and E content in infant milk-based powdered formulae after opening the packet**

Pages 299-309

Jorge L. Chávez-Servín, Ana I. Castellote and M. Carmen López-Sabater

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(182 K\)](#)

45. **Effect of canning process on texture of Faba beans (*Vicia Faba*)**

Pages 310-314

I. Revilla and A.M. Vivar-Quintana

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(133 K\)](#)**Analytical, Nutritional and Clinical Methods Section**46. **Microwave assisted solid state reaction synthesis of methionine complexes of iron (II)**

Pages 315-323

Li-Kuan Wang, Liang Li, Xin-Ming Li, Yong-Hui Shi, Liang Hu and Guo-Wei Le

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(254 K\)](#)47. **Comparison of two HPLC systems and an enzymatic method for quantification of soybean sugars**

Pages 324-330

Enzo Giannoccaro, Ya-Jane Wang and Pengyin Chen

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(185 K\)](#)48. **Antioxidant capacity of four polyphenol-rich Amazonian plant extracts: A correlation study using chemical and biological *in vitro* assays**

Pages 331-339

Jesus N.S. Souza, Evaldo M. Silva, Adeline Loir, Jean-François Rees, Hervé Rogez and Yvan Larondelle

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(297 K\)](#)49. **Reduced and total glutathione and cysteine profiles of citrus fruit juices using liquid chromatography**

Pages 340-344

Krzysztof Kurnierek and Edward Bald

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(136 K\)](#)50. **Optimization of Viscozyme L-assisted extraction of oat bran protein using response surface methodology**

Pages 345-351

Xiao Guan and Huiyuan Yao

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(816 K\)](#)51. **Development of a monoclonal antibody-based competitive ELISA for detection of  $\beta$ -conglycinin, an allergen from soybean**

Pages 352-360

Jinming You, Defa Li, Shiyuan Qiao, Zirui Wang, Pingli He, Deyuan Ou and Bing Dong

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(204 K\)](#)52. **Mid infrared attenuated total reflection spectroscopy as a rapid tool to assess the quality of Sicilo-Sarde ewe's milk during the lactation period after replacing soybean meal with scotch bean in the feed ration**

Pages 361-368

Omar Maâmoura, Hamadi Rouissi, Sami Dridi, Mounir Kammoun, Josse De Baerdemaeker and Romdhane Karoui

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(257 K\)](#)53. **Multivariate characterization of table olives according to their mineral nutrient composition**

Pages 369-378

Antonio López, Pedro García and Antonio Garrido

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(225 K\)](#)54. **LC-MS<sup>n</sup> analysis of the *cis* isomers of chlorogenic acids**

Pages 379-385

Michael N. Clifford, Jo Kirkpatrick, Nikolai Kuhnert, Hajo Rozendaal and Paula Rodrigues Salgado

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(181 K\)](#)

-  55.  **Discrimination of European wheat varieties using near infrared reflectance spectroscopy**  
Pages 386-389  
Carlos Miralbés  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(194 K\)](#)
-  56.  **Application of species-specific PCR for the identification of dried bonito product (Katsuobushi)**  
Pages 390-396  
Wen-Feng Lin and Deng-Fwu Hwang  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(286 K\)](#)
-  57.  **A comparison of analytical methods for measuring the color components of red wines**  
Pages 397-402  
Andrea Versari, Roger B. Boulton and Giuseppina P. Parpinello  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(321 K\)](#)
-  58.  **Fast determination of arsenic, selenium, nickel and vanadium in fish and shellfish by electrothermal atomic absorption spectrometry following ultrasound-assisted extraction**  
Pages 403-409  
Isela Lavilla, Pilar Vilas and Carlos Bendicho  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(178 K\)](#)
-  59.  **Separation and identification of the yellow carotenoids in *Potamogeton crispus* L.**  
Pages 410-414  
Dandan Ren and Shenghua Zhang  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(194 K\)](#)
-  60.  **Determination of potentially anti-carcinogenic flavonoids in wines by micellar electrokinetic chromatography**  
Pages 415-420  
Ying Sun, Ning Fang, David D.Y. Chen and Kingsley K. Donkor  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(188 K\)](#)
-  61.  **Characterisation of cell wall polysaccharide profiles of apricots (*Prunus armeniaca* L.), peaches (*Prunus persica* L.), and pumpkins (*Cucurbita* sp.) for the evaluation of fruit product authenticity**  
Pages 421-430  
Christina Kurz, Reinhold Carle and Andreas Schieber  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(168 K\)](#)
-  62.  **Bibliography of Analytical, Nutritional and Clinical Methods**  
Pages 431-436  
[PDF \(1752 K\)](#)

articles 1 - 62

[Home](#)[Browse](#)[Search](#)[My Settings](#)[Alerts](#)[Help](#)
[About ScienceDirect](#) | [Contact Us](#) | [Terms & Conditions](#) | [Privacy Policy](#)

Copyright © 2007 Elsevier B.V. All rights reserved. ScienceDirect® is a registered trademark of Elsevier B.V.