

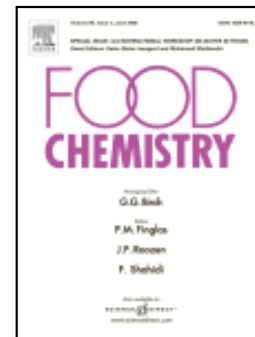


Food Chemistry

Copyright © 2006 Elsevier Ltd. All rights reserved

Volume 96, Issue 3, Pages 345-506 (June 2006)**3rd International Workshop on Water in Foods**

Edited by Heinz-Dieter Isengard and Mohamed Mathlouthi


[Article List](#)
[Partial Abstracts](#)
[Full Abstracts](#)
 display checked docs
 e-mail articles
articles **1 - 22**

- Editorial Board / Aims & Scope • EDITORIAL BOARD**
Page CO2

SPECIAL ISSUE: 3rd International Workshop on Water in Foods

- Water – A simple substance? • EDITORIAL**
Page 345
Heinz-Dieter Isengard
- Temperature dependence of water activity in aqueous solutions of sucrose • ARTICLE**
Pages 346-370
Maciej Starzak and Mohamed Mathlouthi
- Study of water–sugar interactions at increasing sugar concentration by NIR spectroscopy • ARTICLE**
Pages 371-379
R. Giangiacomo
- Analysis of water binding in starch plasticized films • ARTICLE**
Pages 380-386
L. Godbillot, P. Dole, C. Joly, B. Rogé and M. Mathlouthi
- Variable hydration of small carbohydrates for predicting equilibrium properties in diluted and concentrated solutions • ARTICLE**
Pages 387-401
L. Ben Gaïda, C.G. Dussap and J.B. Gros

7. **Thermal degradation of carbohydrate polymers in amorphous states: A physical study including colorimetry** • ARTICLE
Pages 402-410
Johanna Claude and Job Ubbink

8. **Water – an important parameter for the preparation and proper use of certified reference materials** • ARTICLE
Pages 411-417
S. Yazgan, A. Bernreuther, F. Ulberth and H.-D. Isengard

9. **Proposal of a new reference method to determine the water content of dried dairy products** • ARTICLE
Pages 418-422
H.-D. Isengard, R. Kling and C.T. Reh

10. **Water content determination in green coffee – Method comparison to study specificity and accuracy** • ARTICLE
Pages 423-430
C.T. Reh, A. Gerber, J. Prodoliet and G. Vuataz

11. **Coulometric Karl Fischer titration with a diaphragm-free cell: Cell design and applications** • ARTICLE
Pages 431-435
M. Lanz, C.A. De Caro, K. Rüegg and A. De Agostini

12. **Water/moisture and fat analysis by time-domain NMR** • ARTICLE
Pages 436-440
Harald Todt, Gisela Guthausen, Wolfgang Burk, Dieter Schmalbein and Andreas Kamlowski

13. **Influence of type and state of crystallisation on the water activity of honey** • ARTICLE
Pages 441-445
R.A. Gleiter, H. Horn and H.-D. Isengard

REGULAR PAPERS

14. **Effect of way of cooking on content of essential polyunsaturated fatty acids in muscle tissue of humpback salmon (*Oncorhynchus gorbuscha*)** • ARTICLE
Pages 446-451
Michail I. Gladyshev, Nadezhda N. Sushchik, Galina A. Gubanenko, Sevilia M. Demirchieva and Galina S. Kalachova

15. **Influence of the texture of gelatin gels and pectin gels on strawberry flavour release and perception** • ARTICLE
Pages 452-460
Aine B. Boland, Conor M. Delahunty and Saskia M. van Ruth

16. **Formation of amylose complexes with C6-aroma compounds in starch dispersions and its impact on retention** • ARTICLE
Pages 461-470
C. Jouquand, V. Ducruet and P. Le Bail

17. **A stable quinone identified in the reaction of carnosol, a major antioxidant in rosemary, with 2,2-diphenyl-1-picrylhydrazyl radical** • ARTICLE
Pages 471-476
Guor-Jien Wei and Chi-Tang Ho

18. **Kinetic of the hydrolysis of pectin galacturonic acid chains and quantification by ionic chromatography** • ARTICLE
Pages 477-484
Haikel Garna, Nicolas Mabon, Katherine Nott, Bernard Wathelet and Michel Paquot

ANCM SECTION

19. **Investigation of glycated protein assay for assessing heat treatment effect in food samples and protein-sugar models** • ARTICLE
Pages 485-490
Ilhame Bourais, Aziz Amine, Danilla Moscone and Giuseppe Palleschi

20. **Nondestructive determination of water and protein in surimi by near-infrared spectroscopy** • ARTICLE
Pages 491-495
Musleh Uddin, Emiko Okazaki, Hideto Fukushima, Sandor Turza, Yamashita Yumiko and Yutaka Fukuda

21. **Application of novel HPLC method to the analysis of regional and seasonal variation of the active compounds in *Paeonia lactiflora*** • ARTICLE
Pages 496-502
Namsou Kim, Kyung-rim Park, In-Seon Park and Young-Hyun Park

22. **ANCM Bibliography** • LITERATURE
Pages 503-506

articles 1 - 22

◀ previous volume/issue

volume/issue list

next volume/issue ▶

Home

Journals

Books

Abstract Databases

My Profile

Alerts

Help

[Contact Us](#) | [Terms & Conditions](#) | [Privacy Policy](#)

Copyright © 2006 Elsevier B.V. All rights reserved. ScienceDirect® is a registered trademark of Elsevier B.V.