

Author Index Volume 1 (2012)

The issue number is given in front of the page numbers.

- Adams, S.A., see López-Luke, T. (4) 275–291
Aghazadeh, M., see Dezhampahah, H. (3) 265–273
Akhoondi, M., H. Oldenhof, H. Sieme and W. Wolkers, Freezing-induced removal of water from phospholipid head groups in biomembranes (4) 293–302
Aksoy, C., D. Uckan and F. Severcan, FTIR spectroscopic imaging of mesenchymal stem cells in beta thalassemia major disease state (1) 67– 78
Al-Rmalli, S.W., R.O. Jenkins, M.J. Watts and P.I. Haris, Reducing human exposure to arsenic, and simultaneously increasing selenium and zinc intake, by substituting non-aromatic rice with aromatic rice in the diet (4) 365–381
Alizadeh, E., see Dezhampahah, H. (3) 265–273
Ashok, P.C., see Dochow, S. (4) 383–389
Ausili, A., M. Berglin, H. Elwing, S. Corbalán-García and J.C. Gómez-Fernández, Quartz crystal microbalance with dissipation monitoring and the real-time study of biological systems and macromolecules at interfaces (4) 325–338
Baldassarre, M., A. Scirè and F. Tanfani, Detection of temperature-induced molten globule states in small, β -sheet-rich proteins by infrared spectroscopy (3) 247–259
Bauer, A., see Sussolini, A. (2) 125–136
Becker, J.S. and J.Su. Becker, Review: Mass spectrometry imaging (MSI) of metals by laser ablation ICP-MS and metallomics of biomedical samples (3) 187–204
Becker, J.S., see Matusch, A. (1) 57– 65
Becker, J.S., see Sussolini, A. (2) 125–136
Becker, J.Su., see Becker, J.S. (3) 187–204
Berglin, M., see Ausili, A. (4) 325–338
Bergner, N., see Dochow, S. (4) 383–389
Breitkreitz, M.C. and R.J. Poppi, Trends in Raman chemical imaging (2) 159–183
Cascio, C., A. Mulla, R. Vanker, J. Feldmann, A.A. Meharg, R.O. Jenkins and P.I. Haris, Elevated copper in urine of Bangladeshi ethnic group living in the United Kingdom (4) 355–364
Castillo-Martínez, C., see De la Vega-Valdez, M. (3) 261–263
Chang, H.-H., see Cheng, C.-L. (1) 17– 26
Cheng, C.-L., H.-H. Chang and S.-Y. Lin, Spectroscopic study of chemical compositions of cardiac calculus using portable Raman analyzer with a fiber-optic probe (1) 17– 26
Chow, K.K., M. Short and H. Zeng, A comparison of spectroscopic techniques for human breath analysis (4) 339–353
Corbalán-García, S., see Ausili, A. (4) 325–338
de la Rosa, E., see López-Luke, T. (4) 275–291

- De la Vega-Valdez, M., L. del Carmen Derreza-Navarro, H.A. Meza-Velarde, C. Castillo-Martínez, B. Moncada and F.J. González, Determination of the molecular stability of bevacizumab (Avastin) by Raman spectroscopy (3) 261–263
- del Carmen Derreza-Navarro, L., see De la Vega-Valdez, M. (3) 261–263
- Depboylu, C., see Sussulini, A. (2) 125–136
- Dezhampanah, H., E. Alizadeh, L. Hasani, M. Aghazadeh and M. Mohamadzadeh, Spectroscopic characterization on the binding of interaction methylene blue with calf thymus DNA (3) 265–273
- Dholakia, K., see Dochow, S. (4) 383–389
- Dietzek, B., see Krafft, C. (1) 39– 55
- Dochow, S., N. Bergner, C. Matthäus, B.B. Praveen, P.C. Ashok, M. Mazilu, C. Krafft, K. Dholakia and J. Popp, Etaloning, fluorescence and ambient light suppression by modulated wavelength Raman spectroscopy (4) 383–389
- Dochow, S., see Krafft, C. (1) 39– 55
- Dogan, A., Book Review (2) 185–186
- Döpkens, M., T.R. Greenwood, F. Vesuna, V. Raman, D. Leibfritz and K. Glunde, GDPD5 inhibition alters the choline phospholipid metabolite profile of breast cancer cells toward a less malignant metabolic profile (1) 3– 15
- Elwing, H., see Ausili, A. (4) 325–338
- Feldmann, J., see Cascio, C. (4) 355–364
- Friedman, B., see Macnab, A. (3) 223–235
- Glunde, K., see Döpkens, M. (1) 3– 15
- Gómez-Fernández, J.C., see Ausili, A. (4) 325–338
- González, F.J., see De la Vega-Valdez, M. (3) 261–263
- Greenwood, T.R., see Döpkens, M. (1) 3– 15
- Harder, M., see Wang, S. (1) 79– 87
- Haris, P.I., Editorial: Why a new journal called *Biomedical Spectroscopy and Imaging?* (1) 1– 2
- Haris, P.I., see Al-Rmalli, S.W. (4) 365–381
- Haris, P.I., see Cascio, C. (4) 355–364
- Hasani, L., see Dezhampanah, H. (3) 265–273
- Hilfiker, A., see Wang, S. (1) 79– 87
- Jagannathan, N.R., see Kumar, V. (1) 89–100
- Jenkins, R.O., see Al-Rmalli, S.W. (4) 365–381
- Jenkins, R.O., see Cascio, C. (4) 355–364
- Klare, J.P., Biomedical applications of electron paramagnetic resonance (EPR) spectroscopy (2) 101–124
- Klietz, M., see Sussulini, A. (2) 125–136
- Krafft, C., S. Dochow, I. Latka, B. Dietzek and J. Popp, Diagnosis and screening of cancer tissues by fiber-optic probe Raman spectroscopy (1) 39– 55
- Krafft, C., see Dochow, S. (4) 383–389
- Kumar, V., U. Sharma and N.R. Jagannathan, *In vivo* magnetic resonance spectroscopy of cancer (1) 89–100
- Latka, I., see Krafft, C. (1) 39– 55
- Lee, Y.-G., J.H. Park and G. Yoon, Image analysis for locating bleeding regions in gastrointestinal endoscopy (3) 237–245
- Leibfritz, D., see Döpkens, M. (1) 3– 15

- Lin, S.-Y., see Cheng, C.-L.
- López-Luke, T., D.A. Wheeler, E. de la Rosa, A. Torres-Castro, S.A. Adams, L.S. Zavodivker and J.Z. Zhang, Synthesis, characterization and surface enhanced Raman scattering of hollow gold–silica double shell nanostructures (1) 17– 26
 (4) 275–291
- Macnab, A., B. Friedman, B. Shadgan and L. Stothers, Bladder anatomy physiology and pathophysiology: Elements that suit near infrared spectroscopic evaluation of voiding dysfunction (3) 223–235
- Macnab, A. and B. Shadgan, Biomedical applications of wireless continuous wave near infrared spectroscopy (3) 205–222
 (2) 137–145
 (4) 383–389
- Macnab, A., see Stothers, L.
- Matthäus, C., see Dochow, S.
- Matusch, A. and J.S. Becker, Bio-imaging of metals in a mouse model of Alzheimer’s disease by laser ablation inductively coupled plasma mass spectrometry (1) 57– 65
 (2) 125–136
 (4) 383–389
- Matusch, A., see Sussulini, A.
- Mazilu, M., see Dochow, S.
- Meharg, A.A., see Cascio, C.
- Meza-Velarde, H.A., see De la Vega-Valdez, M.
- Mohamadzadeh, M., see Dezhampah, H.
- Momot, K.I., Microstructural magnetic resonance imaging of articular cartilage (3) 261–263
- Moncada, B., see De la Vega-Valdez, M.
- Mulla, A., see Cascio, C.
- Oldenhof, H., see Akhoondi, M. (3) 265–273
 (1) 27– 37
 (3) 261–263
 (4) 355–364
- Oldenhof, H., see Wang, S. (4) 293–302
 (1) 79– 87
- Park, J.H., see Lee, Y.-G.
- Popp, J., see Dochow, S.
- Popp, J., see Krafft, C.
- Poppi, R.J., see Breitkreitz, M.C.
- Praveen, B.B., see Dochow, S.
- Raman, V., see Döpkens, M. (1) 3– 15
- Scirè, A., see Baldassarre, M.
- Severcan, F., see Aksoy, C.
- Shadgan, B., see Macnab, A.
- Shadgan, B., see Macnab, A.
- Shadgan, B., see Stothers, L.
- Sharma, U., see Kumar, V.
- Short, M., see Chow, K.K.
- Sieme, H., see Akhoondi, M.
- Stothers, L., B. Shadgan and A. Macnab, Near-infrared spectroscopy of the detrusor during urodynamics with simultaneous ultrasound measurements of bladder dimensions and position (3) 247–259
 (1) 67– 78
 (3) 223–235
 (3) 205–222
 (2) 137–145
 (1) 89–100
 (4) 339–353
 (4) 293–302
- Stothers, L., see Macnab, A.
- Sussulini, A., A. Matusch, M. Klietz, A. Bauer, C. Depboylu and J.S. Becker, Quantitative imaging of Cu, Fe, Mn and Zn in the L-DOPA-treated unilateral 6-hydroxydopamine Parkinson’s disease mouse model by LA-ICP-MS (2) 137–145
 (3) 223–235
- Tanfani, F., see Baldassarre, M. (2) 125–136
- Torres-Castro, A., see López-Luke, T.
- Turker, S., Review: Application of infrared spectroscopy in the study of neurological diseases (3) 247–259
 (4) 275–291
 (4) 303–323

- Uckan, D., see Aksoy, C. (1) 67– 78
- Vanker, R., see Cascio, C. (4) 355–364
- Vesuna, F., see Döpkens, M. (1) 3– 15
- Wang, S., H. Oldenhof, A. Hilfiker, M. Harder and W.F. Wolkers, Protein secondary structure and solvent accessibility of proteins in decellularized heart valve scaffolds (1) 79– 87
- Watts, M.J., see Al-Rmalli, S.W. (4) 365–381
- Wheeler, D.A., see López-Luke, T. (4) 275–291
- Wolkers, W., see Akhoondi, M. (4) 293–302
- Wolkers, W.F., see Wang, S. (1) 79– 87
- Yoon, G., see Lee, Y.-G. (3) 237–245
- Yu, P., Effect of heat processing methods on spectral images of biological tissues (yellow canola seed protein) using advanced synchrotron-based infrared technique (2) 147–157
- Zavodivker, L.S., see López-Luke, T. (4) 275–291
- Zeng, H., see Chow, K.K. (4) 339–353
- Zhang, J.Z., see López-Luke, T. (4) 275–291