

Author Index Volume 3 (2014)

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

- Almond, L.M., O. Old, N. Stone, C. Kendall, G.R. Lloyd, J. Hutchings, J. Horsnell, C. Kallaway and H. Barr, Real-time disease detection using spectroscopic diagnosis (3) 197–202
- Anwar Alebrahim, M., C. Krafft, W. Sekhaneh, B. Sigusch and J. Popp, ATR-FTIR and Raman spectroscopy of primary and permanent teeth (1) 15– 27
(1) 57– 61
(4) 381–391
- Arrondo, J.L.R., see de la Arada, I.
- Aruna, P.R., see Awad, F.
- Awad, F., C. Ramprasath, N. Mathivanan, P.R. Aruna and S. Ganesan, Steady-state and fluorescence lifetime spectroscopy for identification and classification of bacterial pathogens (4) 381–391
- Bachmann, L., see Benetti, C. (3) 301–305
- Baker, M.J., see Lau, K. (3) 237–247
- Barr, H., see Almond, L.M. (3) 197–202
- Bartosewicz, B., see Bombalska, A. (1) 29– 39
(4) 359–368
- Bechtel, K.L., see Qi, J.
- Benetti, C., M.O. dos Santos, P.A. da Ana, L. Bachmann and D.M. Zezell, ATR-FTIR spectroscopy to study the effects of laser irradiation in bone tissue (3) 301–305
- Benetti, C., see dos Santos, M.O. (3) 293–300
- Berquand, A., see Lau, K. (3) 237–247
- Bianchin Pelegati, V., see dos Santos, M.O. (3) 293–300
- Bilbao, P., see de la Arada, I. (1) 57– 61
(3) 211–218
(3) 249–259
- Bisby, R.H., see Scherer, K.M.
- Bochicchio, B., see Pepe, A.
- Bombalska, A., M. Mularczyk-Oliwa, B. Jankiewicz, B. Bartosewicz, M. Gajda-Rączka, M. Kaliszewski, M. Włodarski, M. Kwaśny, K. Kopczyński, M. Szpakowska and E. Trafny, Application of FTIR and SERS spectroscopy in analysis and discrimination of bacteria and their interferents (1) 29– 39
(3) 211–218
(3) 281–286
(2) 167–183
- Botchway, S.W., see Scherer, K.M. (3) 219–224
- Bouland, N., see Eklouh-Molinier, C.
- Bountris, P., see Haritou, M.
- Brandt, N.N., A.Y. Chikishev, A.A. Mankova, I.K. Sakodinskaya and A.P. Shkurinov, FTIR, THz and Raman spectroscopy of chymotrypsin: Effect of interaction with crown ether and denaturation (3) 287–292
- Brandt, N.N., A.Yu. Chikishev, A.V. Golovin, V.N. Krushilin and A.O. Zalevsky, Raman spectroscopy of disulfide bridges in thrombin (3) 281–286
- Brassart-Pasco, S., see Eklouh-Molinier, C. (3) 189–196
- Buchanan, L.E., see Zhang, T.O.
- Bzowska, A., see Krasowska, J. (3) 231–236
- Celeiro, J., see de la Arada, I. (1) 57– 61
(3) 203–210

- Chatterley, A.S., see Staniforth, M. (3) 271–279
- Chikhirzhina, E., G. Chikhirzhina and A. Polyanichko, Chromatin structure: The role of “linker” proteins (4) 345–358
- Chikhirzhina, G., see Chikhirzhina, E. (4) 345–358
- Chikishev, A.Y., see Brandt, N.N. (3) 219–224
- Chikishev, A.Yu., see Brandt, N.N. (3) 287–292
- Clark, P.L., see Krasowska, J. (3) 231–236
- Corzo, G., see Nomura, K. (2) 107–120
- da Ana, P.A., see Benetti, C. (3) 301–305
- de la Arada, I., J. Celeiro, J. Gonzalez-Velasco, P. Bilbao and J.L.R. Arrondo, A biochemical and infrared study of the effect of radiation on TGase activity in normal and cancer cells (1) 57– 61
- de Rossi, W., see dos Santos, M.O. (3) 293–300
- Dezhampanah, H. and Kh. Rad Chokami, Thermodynamic study of ion-pair interaction between sertraline and eosin Y by spectrophotometry and spectrofluorimetry (1) 63– 71
- D'inca, H., S.H. Ghegediban, M. Wassem, C. Gobinet, J. Namur, F. Pascale, A. Laurent and M. Manfait, Infrared imaging as a novel method to evaluate the efficacy of a locoregional treatment in a Vx2 liver tumor model (3) 265–270
- dos Santos, M.O., C. Benetti, V. Bianchin Pelegati, C. Lenz Cesar, W. de Rossi, R.E. Samad, N.D. Vieira, Jr., T.M. Tenório Zorn and D.M. Zezell, Imaging of nonlinear microscopy of burned skin treated by ultra-high intensity laser pulses (3) 293–300
- dos Santos, M.O., see Benetti, C. (3) 301–305
- Eklouh-Molinier, C., T.T. Nguyen, D. Sebiskveradze, J. Feru, N. Bouland, C. Terryn, M. Manfait, S. Brassart-Pasco and O. Piot, Interest of polarized FT-IR imaging to characterize the collagen network in human skin (3) 281–286
- Feru, J., see Eklouh-Molinier, C. (3) 281–286
- Fonseca, F., see Passot, S. (3) 203–210
- Gajda-Rączka, M., see Bombalska, A. (1) 29– 39
- Ganesan, S., see Awad, F. (4) 381–391
- Gautier, J., see Passot, S. (3) 203–210
- Ghegediban, S.H., see D'inca, H. (3) 265–270
- Gobinet, C., see D'inca, H. (3) 265–270
- Golovin, A.V., see Brandt, N.N. (3) 287–292
- Goncharov, N.V., see Jenkins, R.O. (4) 369–380
- Goncharov, N.V., see Jenkins, R.O. (1) 41– 50
- Gonzalez-Velasco, J., see de la Arada, I. (1) 57– 61
- Greetham, G.M., see Scherer, K.M. (3) 211–218
- Hadfield, J.A., see Scherer, K.M. (3) 211–218
- Halliwell, R.J.S., see Jenkins, R.O. (4) 369–380
- Haris, P.I., A personal tribute: Iain D. Campbell FRS (1941–2014) (2) 79– 80
- Haris, P.I., Andrew J. Macnab – An innovator and pioneer in the field of Biomedical Near Infrared Spectroscopy (4) 307–309
- Haris, P.I., Stanley Opella – The conqueror of membrane protein structure (2) 73– 77
- Haris, P.I., see Parker, A.W. (3) 185–187
- Haris, P.I., see Jenkins, R.O. (4) 369–380
- Haris, P.I., see Jenkins, R.O. (1) 41– 50

- Haritou, M., P. Bountris, E. Passalidou, K. Koklonis and D. Koutsouris, An image analysis tool for the classification of lesions suspicious for malignancy in autofluorescence bronchoscopy
 Hauser, K., see Henke, K.
- Henke, K., M. Odermatt, W. Welte and K. Hauser, Stability of the *Thermus thermophilus* outer membrane protein TtoA against heat and denaturants
 Horsnell, J., see Almond, L.M.
- Hsu, T.H.-S. and S.-Y. Lin, Fast identification and differentiation of mineral components in prostate stones using a portable fiber-optic Raman spectroscopy
 Hutchings, J., see Almond, L.M.
- Jagannathan, N.R., see Sharma, U.
 Jamme, F., see Passot, S.
 Jankiewicz, B., see Bombalska, A.
- Jenkins, R.O., R.W.L. Kwok, N.V. Goncharov, R.J.S. Halliwell and P.I. Haris, Chemical pretreatment of cells for enhanced MALDI-TOF-MS discrimination of clinical staphylococci including MRSA
 Jenkins, R.O., R.W.L. Kwok, N.V. Goncharov and P.I. Haris, Chemical pretreatment of cells for enhanced discrimination of clinical yeast isolates by MALDI-TOF-MS
- Kaliszewski, M., see Bombalska, A.
 Kallaway, C., see Almond, L.M.
 Kendall, C., see Almond, L.M.
 Koklonis, K., see Haritou, M.
 Kopczyński, K., see Bombalska, A.
 Koutsouris, D., see Haritou, M.
 Krafft, C., see Anwar Alebrahim, M.
 Krasowska, J., K.G. Uriginov, P.L. Clark, A. Sienkiewicz, A. Bzowska and B. Wielgus-Kutrowska, Spectroscopic properties of two single-cysteine mutants of EGFP: C48S-EGFP and C70S-EGFP
 Kruzhilin, V.N., see Brandt, N.N.
 Kwaśny, M., see Bombalska, A.
 Kwok, R.W.L., see Jenkins, R.O.
 Kwok, R.W.L., see Jenkins, R.O.
- Lau, K., A. Berquand and M.J. Baker, A proof of principle study on the extraction of biochemical and biomechanical properties from the same tumour cells using 3D confocal Raman and atomic force microscopy imaging – Towards a better understanding of tumour progression
 Laurent, A., see D'inca, H.
 Lenz Cesar, C., see dos Santos, M.O.
 Lin, S.-Y., see Hsu, T.H.-S.
 Lloyd, G.R., see Almond, L.M.
- Macnab, A.J., Review: The evolution of near infrared spectroscopy in urology
 Manfait, M., see D'inca, H.
 Manfait, M., see Eklouh-Molinier, C.
 Mankova, A.A., see Brandt, N.N.
 Mathivanan, N., see Awad, F.
 McCabe, E., see Mehigan, S.
 Mehigan, S., C. Smyth and E. McCabe, SERS optimisation using silver colloids
 Mularczyk-Oliwa, M., see Bombalska, A.
- (2) 167–183
 (1) 51– 56
- (1) 51– 56
 (3) 197–202
- (2) 161–166
 (3) 197–202
- (1) 1– 13
 (3) 203–210
 (1) 29– 39
- (4) 369–380
- (1) 41– 50
- (1) 29– 39
 (3) 197–202
 (3) 197–202
 (2) 167–183
 (1) 29– 39
 (2) 167–183
 (1) 15– 27
- (3) 231–236
 (3) 287–292
 (1) 29– 39
 (4) 369–380
 (1) 41– 50
- (3) 237–247
 (3) 265–270
 (3) 293–300
 (2) 161–166
 (3) 197–202
- (4) 311–344
 (3) 265–270
 (3) 281–286
 (3) 219–224
 (4) 381–391
 (3) 225–229
 (3) 225–229
 (1) 29– 39

- Namur, J., see D'inca, H. (3) 265–270
- Nguyen, T.T., see Eklouh-Molinier, C. (3) 281–286
- Nomura, K., E. Villegas and G. Corzo, Solid-state NMR studies of antimicrobial peptides from arachnid venoms (2) 107–120
- Odermatt, M., see Henke, K. (1) 51– 56
- Old, O., see Almond, L.M. (3) 197–202
- Opella, S.J., Review: The development of solid-state NMR of membrane proteins (2) 81–105
- Parker, A.W. and P.I. Haris, 15th *European Conference on the Spectroscopy of Biological Molecules* (ECSBM) – where spectroscopy and biology met (3) 185–187
- Parker, A.W., see Scherer, K.M. (3) 211–218
- Pascale, F., see D'inca, H. (3) 265–270
- Passalidou, E., see Haritou, M. (2) 167–183
- Passot, S., F. Jamme, M. Réfrégiers, J. Gautier, S. Cenard and F. Fonseca, Synchrotron UV fluorescence microscopy for determining membrane fluidity modification of single bacteria with temperatures (3) 203–210
- Pepe, A. and B. Bochicchio, The elastin puzzle: A molecular and supramolecular study (3) 249–259
- Piot, O., see Eklouh-Molinier, C. (3) 281–286
- Polyanichko, A., see Chikhirzhina, E. (4) 345–358
- Popp, J., see Anwar Alebrahim, M. (1) 15– 27
- Qi, J., K.L. Bechtel and W.-C. Shih, Automated image curvature assessment and correction for high-throughput Raman spectroscopy and microscopy (4) 359–368
- Rad Chokami, Kh., see Dezhampannah, H. (1) 63– 71
- Ramprasath, C., see Awad, F. (4) 381–391
- Réfrégiers, M., see Passot, S. (3) 203–210
- Roberts, G.M., see Staniforth, M. (3) 271–279
- Sakodynskaya, I.K., see Brandt, N.N. (3) 219–224
- Samad, R.E., see dos Santos, M.O. (3) 293–300
- Scherer, K.M., R.H. Bisby, S.W. Botchway, G.M. Greetham, J.A. Hadfield, A.W. Parker and M. Towrie, Spectroscopy and fluorescence lifetime imaging in live cells of a cyano-substituted combretastatin (3) 211–218
- Schwartzberg, A.M., see Zhang, J.Z. (2) 121–159
- Sebiskveradze, D., see Eklouh-Molinier, C. (3) 281–286
- Sekhaneh, W., see Anwar Alebrahim, M. (1) 15– 27
- Sharma, U. and N.R. Jagannathan, Characterization of breast tissues by diffusion weighted MR imaging (1) 1– 13
- Shi, J., see Zhang, J.Z. (2) 121–159
- Shih, W.-C., see Qi, J. (4) 359–368
- Shkurinov, A.P., see Brandt, N.N. (3) 219–224
- Sienkiewicz, A., see Krasowska, J. (3) 231–236
- Sigusch, B., see Anwar Alebrahim, M. (1) 15– 27
- Smyth, C., see Mehigan, S. (3) 225–229
- Staniforth, M., A.S. Chatterley, J.D. Young, G.M. Roberts and V.G. Stavros, Relaxation dynamics of photoexcited dihydroxybenzene: A comparative study (3) 271–279
- Stavros, V.G., see Staniforth, M. (3) 271–279

- Stavrov, S.S., Structure of A₀, A₁ and A₃ conformational substates of carbonmonoxy myoglobin (3) 261–264
- Stone, N., see Almond, L.M. (3) 197–202
- Szpakowska, M., see Bombalska, A. (1) 29– 39
- Tenório Zorn, T.M., see dos Santos, M.O. (3) 293–300
- Terryn, C., see Eklouh-Molinier, C. (3) 281–286
- Towrie, M., see Scherer, K.M. (3) 211–218
- Trafny, E., see Bombalska, A. (1) 29– 39
- Uarginov, K.G., see Krasowska, J. (3) 231–236
- Vieira, Jr., N.D., see dos Santos, M.O. (3) 293–300
- Villegas, E., see Nomura, K. (2) 107–120
- Wassef, M., see D'inca, H. (3) 265–270
- Welte, W., see Henke, K. (1) 51– 56
- Wheeler, D.A., see Zhang, J.Z. (2) 121–159
- Wielgus-Kutrowska, B., see Krasowska, J. (3) 231–236
- Włodarski, M., see Bombalska, A. (1) 29– 39
- Young, J.D., see Staniforth, M. (3) 271–279
- Zalevsky, A.O., see Brandt, N.N. (3) 287–292
- Zanni, M.T., see Zhang, T.O. (3) 189–196
- Zezell, D.M., see Benetti, C. (3) 301–305
- Zezell, D.M., see dos Santos, M.O. (3) 293–300
- Zhang, J.Z., D.A. Wheeler, A.M. Schwartzberg and J. Shi, Review: Basics and practice of surface enhanced Raman scattering (SERS) and tip enhanced Raman scattering (TERS) (2) 121–159
- Zhang, T.O., L.E. Buchanan and M.T. Zanni, Insights into amylin aggregation by 2D IR spectroscopy (3) 189–196