

Author Index Volume 20 (2012)

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

- Abe, M., see Mohammadi, A. (2) 131–140
Adhami, R.R., see Bhowmik, U.K. (2) 141–160
Ahmad, S., see Hu, Y. (4) 385–393
Ahmad, S., see Lau, A. (3) 317–329
Akatsuka, T., see Rao, D.V. (3) 291–299
Ali, I., see Hu, Y. (4) 385–393
- Baba, M., see Mohammadi, A. (2) 131–140
Baggio, B., M.L. Giannossi, L. Medici, V. Summa and F. Tateo, X-ray microdiffraction and urine: A new analysis method of crystalluria (4) 489–498
Bao, S., see Wang, X. (1) 69– 77
Benitez, R.B., see Liu, J. (1) 107–120
Bennett, J., see He, P. (2) 199–211
Bhowmik, U.K. and R.R. Adhami, Correlation and support vector machine based motion artifacts mitigation in 3D computer tomography (2) 141–160
Brunetti, A., see Rao, D.V. (3) 291–299
Bünger, C., see Zhou, Z. (4) 437–446
Butler, A., see He, P. (2) 199–211
Butler, P., see He, P. (2) 199–211
- Cai, W., see Liu, J. (1) 107–120
Cesareo, R., see Rao, D.V. (3) 291–299
Chen, D., see Chen, X. (1) 31– 44
Chen, J.-C., see Chen, T.-B. (3) 339–349
Chen, S., see Zhou, Z. (4) 437–446
Chen, T.-B., J.-C. Chen and H.H.-S. Lu, Segmentation of 3D microPET images of the rat brain via the hybrid gaussian mixture method with kernel density estimation (3) 339–349
Chen, X., J. Liang, X. Qu, Y. Hou, S. Zhu, D. Chen, X. Gao and J. Tian, Mapping of bioluminescent images onto CT volume surface for dual-modality BLT and CT imaging (1) 31– 44
Chen, Y., see Lau, A. (3) 317–329
Chen, Z., see Xue, H. (3) 301–316
Chiou, C.-Y., see Chuang, H.-C. (2) 161–174
Chuang, H.-C., C.-Y. Chiou, D.-C. Tien, D.-Y. Huang, R.-H. Wu and C.-H. Hsu, A compensating system of respiratory motion for tumor tracking: Design and verification (2) 161–174
Cong, W., see Yang, J. (4) 423–436

- Demir, D. and Y. Şahin, Angular dependence of L x-ray production cross sections for Pt and Au elements in an external magnetic field (1) 79– 89
- Deng, C.-H., see Gao, Y. (1) 121–129
- Eom, S., H. Shin, J. Kang, H. Lee and K. Lee, Feasibility study of a plasma display-like radiation detector for X-ray imaging (3) 269–276
- Fedrigo, M., A. Wenger and C. Hoeschen, Investigating tomographic reconstruction with *a priori* geometrical information (1) 1– 10
- Fox, E.A., see Mishra, S. (2) 239–248
- Fu, J., X. Yang, Y. Meng, Q. Luo and H. Gong, Data preprocessing method for fluorescence molecular tomography using *a priori* information provided by CT (4) 459–468
- Gao, F., J. Li, W. Zhang, X. Yi, X. Wang, L. Zhang, Z. Zhou and H. Zhao, A CT-analogous scheme for time-domain diffuse fluorescence tomography (1) 91–105
- Gao, J., see Yuan, K. (2) 249–254
- Gao, N., see Wu, X.W. (4) 483–488
- Gao, X., see Chen, X. (1) 31– 44
- Gao, Y., M. Xu, Z.-F. Xu, D.-W. Liu, X.-A. Tu, Y.-L. Zheng, D.-H. Wang, X.-Z. Sun, F.-F. Zheng, S.-P. Qiu, M.-D. Lü, Y.-Y. Zhang, X.-Y. Xie and C.-H. Deng, Percutaneous ultrasound-guided radiofrequency ablation treatment and genetic testing for renal cell carcinoma with Von Hippel-Lindau disease (1) 121–129
- Giannossi, M.L., G. Mongelli, F. Tateo and V. Summa, Mineralogical and morphological investigation of kidney stones of a mediterranean region (Basilicata, Italy) (2) 175–186
- Giannossi, M.L., see Baggio, B. (4) 489–498
- Gigante, G.E., see Rao, D.V. (3) 291–299
- Goldstein, A., see He, P. (2) 199–211
- Gong, H., see Fu, J. (4) 459–468
- Gu, Y., see Yuan, K. (2) 249–254
- Gui, J., see Zou, J. (3) 351–362
- He, J., see Xu, B.-S. (3) 373–381
- He, P., H. Yu, P. Thayer, X. Jin, Q. Xu, J. Bennett, R. Tappenden, B. Wei, A. Goldstein, P. Renaud, A. Butler, P. Butler and G. Wang, Preliminary experimental results from a MARS Micro-CT system (2) 199–211
- Ho, Y.-J., see Shih, T.-C. (4) 469–481
- Hoeschen, C., see Fedrigo, M. (1) 1– 10
- Hou, Y., see Chen, X. (1) 31– 44
- Hsiao, H.-D., see Shih, T.-C. (4) 469–481
- Hsieh, J., see Li, B. (4) 395–404
- Hsu, C.-H., see Chuang, H.-C. (2) 161–174
- Hu, Y. and J. Zhu, High-degree polynomial models for CT simulation (4) 447–457
- Hu, Y., S. Ahmad and I. Ali, Quantitative investigation of the effects of the scanning parameters in the digitization of EBT and EBT2 Gafchromic film dosimetry with flatbed scanners (4) 385–393

- Hu, Z., see Zou, J. (3) 351–362
- Huang, D.-Y., see Chuang, H.-C. (2) 161–174
- Huang, T.-C., see Shih, T.-C. (4) 469–481
- Huang, X., see Lu, X. (1) 11– 16
- Huang, Y.-H., see Shih, T.-C. (4) 469–481
- Ji, N., see Xu, B.-S. (3) 373–381
- Jiang, M., see Yang, J. (4) 423–436
- Jin, X., see He, P. (2) 199–211
- Kang, J., see Eom, S. (3) 269–276
- Lau, A., Y. Chen and S. Ahmad, Yields of positron and positron emitting nuclei for proton and carbon ion radiation therapy: A simulation study with GEANT4 (3) 317–329
- Lee, H., see Eom, S. (3) 269–276
- Lee, K., see Eom, S. (3) 269–276
- Lee, S.J., see Mishra, S. (2) 239–248
- Li, B., T.L. Toth, J. Hsieh and X. Tang, Simulation and analysis of image quality impacts from single source, ultra-wide coverage CT scanner (4) 395–404
- Li, D., see Li, Z. (3) 331–338
- Li, H., see Zhou, Z. (4) 437–446
- Li, J., see Gao, F. (1) 91–105
- Li, L., L. Zeng, C. Qiu and L. Liu, Segmentation of computer tomography image using local robust statistics and region-scalable fitting (3) 255–267
- Li, L., see Wang, X. (1) 69– 77
- Li, L., see Xue, H. (3) 301–316
- Li, Z., D. Li, Z. Wu, Z. Wu and J. Liu, Optimization of a three slit collimation system for a SAXS camera with a divergent beam (3) 331–338
- Liang, J., see Chen, X. (1) 31– 44
- Lin, Y.-H., see Shih, T.-C. (4) 469–481
- Liu, B., see Wu, X.W. (4) 483–488
- Liu, D.-W., see Gao, Y. (1) 121–129
- Liu, H., see Miao, H. (1) 17– 29
- Liu, J., R. Ning, W. Cai and R.B. Benitez, Enhancement of breast calcification visualization and detection using a modified PG method in Cone Beam Breast CT (1) 107–120
- Liu, J., see Li, Z. (3) 331–338
- Liu, L., see Li, L. (3) 255–267
- Liu, Y., see Xu, B.-S. (3) 373–381
- Lu, H.H.-S., see Chen, T.-B. (3) 339–349
- Lü, M.-D., see Gao, Y. (1) 121–129
- Lu, X., R. Wu, X. Huang and Y. Zhang, Noncontrast multidetector-row computed tomography scanning for detection of radiolucent calculi in acute renal insufficiency caused by bilateral ureteral obstruction of ceftriaxone crystals (1) 11– 16
- Lu, Y., Z. Yang, J. Zhao and G. Wang, TV-based image reconstruction of multiple objects in a fixed source-detector geometry (3) 277–289

- Luo, Q., see Fu, J. (4) 459–468
- Ma, X.-L., see Xu, B.-S. (3) 373–381
- Medici, L., see Baggio, B. (4) 489–498
- Meng, Y., see Fu, J. (4) 459–468
- Miao, H., X. Wu, H. Zhao and H. Liu, A phantom-based calibration method for digital x-ray tomosynthesis (1) 17– 29
- Mishra, S., K.S. Sharma, S.J. Lee, E.A. Fox and G. Wang, SLATE: Virtualizing multiscale CT training (2) 239–248
- Mohammadi, A., M. Baba, M. Nakhostin, H. Ohuchi and M. Abe, Compton spectroscopy for rotation-mode computed tomography (2) 131–140
- Mongelli, G., see Giannossi, M.L. (2) 175–186
- Mou, X., see Tang, S. (1) 45– 68
- Nakhostin, M., see Mohammadi, A. (2) 131–140
- Ning, R., see Liu, J. (1) 107–120
- Ohuchi, H., see Mohammadi, A. (2) 131–140
- Pourghassem, H., A novel material detection algorithm based on 2D GMM-based power density function and image detail addition scheme in dual energy X-ray images (2) 213–228
- Qiu, C., see Li, L. (3) 255–267
- Qiu, S.-P., see Gao, Y. (1) 121–129
- Qu, X., see Chen, X. (1) 31– 44
- Rao, D.V., R. Cesareo, A. Brunetti, T. Akatsuka, T. Yuasa, T. Takeda and G.E. Gigante, Embedded soft-tissue image mechanism of a small animal shell with synchrotron-based micro-CT (3) 291–299
- Renaud, P., see He, P. (2) 199–211
- Ringgaard, S., see Zhou, Z. (4) 437–446
- Rong, J., see Zou, J. (3) 351–362
- Şahin, Y., see Demir, D. (1) 79– 89
- Shah, S., see Xu, B.-S. (3) 373–381
- Sharma, K.S., see Mishra, S. (2) 239–248
- Shen, Y., see Wu, X.W. (4) 483–488
- Shih, T.-C., Y.-H. Lin, Y.-J. Ho, H.-D. Hsiao, Y.-H. Huang and T.-C. Huang, Hemodynamic analysis of vascular stenting treatment outcome: Computational fluid dynamics method v.s. optical flow method (4) 469–481
- Shin, H., see Eom, S. (3) 269–276
- Summa, V., see Baggio, B. (4) 489–498
- Summa, V., see Giannossi, M.L. (2) 175–186
- Sun, X.-Z., see Gao, Y. (1) 121–129

- Takeda, T., see Rao, D.V. (3) 291–299
- Tang, S., Q. Xu, X. Mou and X. Tang, The mathematical equivalence of consistency conditions in the divergent-beam computed tomography (1) 45– 68
- Tang, S., Y. Yang and X. Tang, Practical interior tomography with radial Hilbert filtering and *a priori* knowledge in a small round area (4) 405–422
- Tang, X., see Li, B. (4) 395–404
- Tang, X., see Tang, S. (1) 45– 68
- Tang, X., Tang, S. (4) 405–422
- Tappenden, R., see He, P. (2) 199–211
- Tateo, F., see Baggio, B. (4) 489–498
- Tateo, F., see Giannossi, M.L. (2) 175–186
- Thayer, P., see He, P. (2) 199–211
- Tian, J., see Chen, X. (1) 31– 44
- Tien, D.-C., see Chuang, H.-C. (2) 161–174
- Toth, T.L., see Li, B. (4) 395–404
- Tu, X.-A., see Gao, Y. (1) 121–129
- Wang, D.-H., see Gao, Y. (1) 121–129
- Wang, G., see He, P. (2) 199–211
- Wang, G., see Lu, Y. (3) 277–289
- Wang, G., see Mishra, S. (2) 239–248
- Wang, G., see Yang, J. (4) 423–436
- Wang, G., see Yu, H. (2) 229–238
- Wang, L., see Wu, X.W. (4) 483–488
- Wang, W.Q., see Wu, X.W. (4) 483–488
- Wang, X., L. Li, C. Yu, B. Yan and S. Bao, Fast reconstruction of flat region in a super-short scan based on MD-FBP algorithm (1) 69– 77
- Wang, X., see Gao, F. (1) 91–105
- Wei, B., see He, P. (2) 199–211
- Wenger, A., see Fedrigo, M. (1) 1– 10
- Wu, R., see Lu, X. (1) 11– 16
- Wu, R.-H., see Chuang, H.-C. (2) 161–174
- Wu, S. and D. Xing, Mechanism of mitochondrial membrane permeabilization during apoptosis under Photofrin-mediated photodynamic therapy (3) 363–372
- Wu, X., see Miao, H. (1) 17– 29
- Wu, X.W., W.Q. Wang, L. Wang, B. Liu, Y.Q. Yu, S. Zhang, N. Gao and Y. Shen, A study of CT monochromatic imaging for quantitative detecting hemoglobin levels (4) 483–488
- Wu, Z., see Li, Z. (3) 331–338
- Wu, Z., see Li, Z. (3) 331–338
- Xia, D., see Zou, J. (3) 351–362
- Xia, Q., see Xu, B.-S. (3) 373–381
- Xie, X.-Y., see Gao, Y. (1) 121–129
- Xing, D., see Wu, S. (3) 363–372
- Xing, D., see Yuan, K. (2) 249–254

- Xu, B.-S., Q. Xia, X.-L. Ma, Q. Yang, N. Ji, S. Shah, J. He and Y. Liu, The usefulness of magnetic resonance imaging for sequestered lumbar disc herniation treated with endoscopic surgery (3) 373–381
 Xu, M., see Gao, Y. (1) 121–129
 Xu, Q., see He, P. (2) 199–211
 Xu, Q., see Tang, S. (1) 45– 68
 Xu, Z.-F., see Gao, Y. (1) 121–129
 Xue, H., L. Zhang, Z. Chen and L. Li, A correction method for dual energy liquid CT image reconstruction with metallic containers (3) 301–316
- Yan, B., see Wang, X. (1) 69– 77
 Yang, J., W. Cong, M. Jiang and G. Wang, Theoretical study on high order interior tomography (4) 423–436
 Yang, Q., see Xu, B.-S. (3) 373–381
 Yang, X., see Fu, J. (4) 459–468
 Yang, Y., see Tang, S. (4) 405–422
 Yang, Z., see Lu, Y. (3) 277–289
 Ye, J., see Zhou, Z. (4) 437–446
 Yi, X., see Gao, F. (1) 91–105
 Yu, C., see Wang, X. (1) 69– 77
 Yu, H. and G. Wang, Finite detector based projection model for high spatial resolution (2) 229–238
 Yu, H., see He, P. (2) 199–211
 Yu, Y.Q., see Wu, X.W. (4) 483–488
 Yuan, K., Y. Yuan, Y. Gu, J. Gao and D. Xing, *In vivo* photoacoustic imaging of model of port wine stains (2) 249–254
 Yuan, Y., see Yuan, K. (2) 249–254
 Yuasa, T., see Rao, D.V. (3) 291–299
- Zeng, L., see Li, L. (3) 255–267
 Zhang, L., see Gao, F. (1) 91–105
 Zhang, L., see Xue, H. (3) 301–316
 Zhang, Q., see Zou, J. (3) 351–362
 Zhang, S., see Wu, X.W. (4) 483–488
 Zhang, W., see Gao, F. (1) 91–105
 Zhang, Y., see Lu, X. (1) 11– 16
 Zhang, Y.-Y., see Gao, Y. (1) 121–129
 Zhao, H., see Gao, F. (1) 91–105
 Zhao, H., see Miao, H. (1) 17– 29
 Zhao, J., see Lu, Y. (3) 277–289
 Zhao, X., see Zhu, Y. (2) 187–197
 Zhao, Y., see Zhu, Y. (2) 187–197
 Zheng, F.-F., see Gao, Y. (1) 121–129
 Zheng, Y.-L., see Gao, Y. (1) 121–129
 Zhou, Z., see Gao, F. (1) 91–105
 Zhou, Z., see Zhou, Z. (4) 437–446

- Zhou, Z., Z. Zhou, S. Chen, H. Li, L. Zou, J. Ye, S. Ringgaard, C. Bünger and X. Zou, T1 ρ -MR imaging technique to distinguish four-layered zonal structure of articular cartilage for detecting early-onset osteoarthritis (4) 437–446
- Zhu, J., see Hu, Y. (4) 447–457
- Zhu, S., see Chen, X. (1) 31– 44
- Zhu, Y., Y. Zhao and X. Zhao, A multi-thread scheduling method for 3D CT image reconstruction using Multi-GPU (2) 187–197
- Zou, J., J. Gui, J. Rong, Z. Hu, Q. Zhang and D. Xia, Investigation of BPF algorithm in cone-beam CT with 2D general trajectories (3) 351–362
- Zou, L., see Zhou, Z. (4) 437–446
- Zou, X., see Zhou, Z. (4) 437–446