

Author Index Volume 23 (2015)

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

Abraham, C., see Hagen, M.	(1)	93– 100
Ackermann, O., see Duif, C.	(5)	531– 537
Ackermann, O., see Lahner, M.	(1)	75– 82
Ahmed, N., see Alam, K.	(2)	223– 231
Ahn, B.-U., see Park, C.-S.	(1)	37– 45
Ahn, S., see Ryu, J.	(S2)	S529–S534
Alam, K., I.M. Bahadur and N. Ahmed, Cortical bone drilling: An experimental and numerical study	(2)	223– 231
Alam, K., M. Khan, R. Muhammad, S.Z. Qamar and V.V. Silberschmidt, <i>In-vitro</i> experimental analysis and numerical study of temperature in bone drilling	(6)	775– 783
Ali, M.A.M., see Azeez, D.	(4)	419– 428
Ali, M.N., see Mehmood, S.	(6)	819– 833
Alrahabi, M., Comparative study of root-canal shaping with stainless steel and rotary NiTi files performed by preclinical dental students	(3)	257– 265
Ambusam, S., B. Omar, L. Joseph, S.P. Meng and F.A.M. Padzil, Is a triaxial accelerometer a reliable device to measure head excursion?	(5)	691– 697
An, L., see Zhuge, L.	(S1)	S169–S176
An, Z., C. Xiang, J. Wang, L. Dong and L. Hao, Integrated design of micro force sensor oriented to cell micro-operation	(S2)	S551–S558
Anand, S., see Suresh, R.	(1)	47– 61
Ansari, U., see Mehmood, S.	(6)	819– 833
Anzai, H., Y. Yoshida, S. Sugiyama, H. Endo, Y. Matsumoto and M. Ohta, Porosity dependency of an optimized stent design for an intracranial aneurysm	(5)	547– 556
Appelboom, G., see Mitrasinovic, S.	(4)	381– 401
Asselin, A., see Goulet, E.D.B.	(6)	881– 891
Athanasiou, L., see Panetta, D.	(5)	557– 570
Azeez, D., K.B. Gan, M.A.M. Ali and M.S. Ismail, Secondary triage classification using an ensemble random forest technique	(4)	419– 428
Bahadur, I.M., see Alam, K.	(2)	223– 231
Bail, H.J., see Geßlein, M.	(5)	659– 666
Balt, K., see Friedrich, W.	(S2)	S465–S471
Bao, H.-S., see Wang, G.-Q.	(S1)	S49– S53
Barber, T., see Haga, T.	(5)	539– 545
Barza, M., see Mehrzad, R.	(3)	233– 241
Beudart, C., see Buckinx, F.	(2)	195– 203

- Belcari, N., see Panetta, D. (5) 557– 570
- Beyer, F., F. Geier, J. Bredow, J. Oppermann, P. Eysel and R. Sobottke, Influence of spinopelvic parameters on non-operative treatment of lumbar spinal stenosis (6) 871– 879
- Bhagyalakshmi, K., see Manimaran, S. (1) 1– 8
- Bhalla, S., see Suresh, R. (1) 47– 61
- Bhalla, S., see Suresh, R. (6) 785– 794
- Bi, Y., A novel medical information management and decision model for uncertain demand optimization (S1) S127–S132
- Biber, R., see Geßlein, M. (5) 659– 666
- Bin, G., see Yan, J. (S2) S285–S291
- Bitsaki, M., see Koutras, C. (6) 809– 817
- Blessy, S.A.P.S. and C.H. Sulochana, Performance analysis of unsupervised optimal fuzzy clustering algorithm for MRI brain tumor segmentation (1) 23– 35
- Bond, R.R., see McComb, S. (3) 243– 256
- Boudelal, R., see Teske, W. (3) 343– 350
- Brandes, J., see Suero, E.M. (2) 171– 177
- Bredow, J., F. Katinakis, K. Schlüter-Brust, B. Krug, D. Pfau, P. Eysel, J. Dargel and K. Wegmann, Influence of hip replacement on sagittal alignment of the lumbar spine: An EOS study (6) 847– 854
- Bredow, J., see Beyer, F. (6) 871– 879
- Brewer, B.R., see Brokaw, E.B. (2) 143– 151
- Brinkman, W.-P., see Morina, N. (5) 581– 589
- Brokaw, E.B., E. Eckel and B.R. Brewer, Usability evaluation of a kinematics focused Kinect therapy program for individuals with stroke (2) 143– 151
- Bruce, E., see Mitrasinovic, S. (4) 381– 401
- Bruyère, O., see Buckinx, F. (2) 195– 203
- Buckinx, F., C. Beudart, J. Slomian, D. Maquet, M. Demonceau, S. Gillain, J. Petermans, J.Y. Reginster and O. Bruyère, Added value of a triaxial accelerometer assessing gait parameters to predict falls and mortality among nursing home residents: A two-year prospective study (2) 195– 203
- Cabestany, J., see Sayeed, T. (2) 179– 194
- Cai, D., see Wu, Z. (S2) S203–S209
- Cai, H., see Chen, Y. (S2) S197–S202
- Cai, H., see Niu, Y. (S1) S105–S108
- Cai, Y., X. Yang, B. He and J. Yao, Numerical analysis of tooth movement in different plans of transparent tooth correction therapies (3) 299– 305
- Camacho, E., see Mitrasinovic, S. (4) 381– 401
- Campbell, C., see Mitrasinovic, S. (4) 381– 401
- Cao, L., D. Hao, Y. Rong, Y. Zhou, M. Li and Y. Tian, Investigating the modulation of brain activity associated with handgrip force and fatigue (S2) S427–S433
- Cao, Y., see Wu, C. (S2) S365–S371
- Cao, Z., see Song, T. (S2) S495–S500
- Cao, Z., see Xiang, H. (S2) S419–S426
- Carey, J.P., see Schofield, J.S. (2) 129– 141

Cassin, S.E., see Zhang, M.W.B.	(6)	737– 744
Català, A., see Sayeed, T.	(2)	179– 194
Chandak, A. and A. Joshi, Self-management of hypertension using technology enabled interventions in primary care settings	(2)	119– 128
Chang, Y.-J., see Lou, C.-W.	(5)	675– 684
Chen, B., see Song, T.	(S2)	S495–S500
Chen, C.-C., S.-C. Chen, Y.-Y. Shih and Y.-L. Chen, Innovation of a syringe needle auto-detaching device for clinicians	(4)	523– 528
Chen, C.-W., see Hu, Y.-H.	(2)	153– 160
Chen, C.-W., W.-C. Lin, S.-W. Ke, C.-F. Tsai and Y.-H. Hu, On mining incomplete medical datasets: Ordering imputation and classification	(5)	619– 625
Chen, D., J. Ren, Y. Mei and Y. Xu, The respiratory ciliary motion produced by dynein activity alone: A computational model of ciliary ultrastructure	(S2)	S577–S586
Chen, J.-Y., see Wang, Y.-C.	(S1)	S119–S125
Chen, L., see Yin, H.	(S2)	S501–S510
Chen, P., see Mao, Y.	(S2)	S355–S364
Chen, S.-C., see Chen, C.-C.	(4)	523– 528
Chen, Y., J. Fan, Y. Zhu, J. Zhao and H. Cai, A passively safe cable driven upper limb rehabilitation exoskeleton	(S2)	S197–S202
Chen, Y., see Xu, C.	(S1)	S61– S70
Chen, Y.-L., see Chen, C.-C.	(4)	523– 528
Chen, Z., see Xu, C.	(S1)	S61– S70
Cheng, J., see Jiang, F.	(S2)	S481–S487
Cheng, L., see Wang, G.	(S1)	S21– S27
Chih, W.-H., see Hsieh, H.-L.	(S2)	S189–S196
Cho, C.-N., see Park, C.-S.	(1)	37– 45
Cho, Y.B., see Kim, J.-S.	(S2)	S511–S517
Choi, J.-H., see Jung, G.-I.	(S2)	S473–S480
Choi, J.-H., see Jung, G.-I.	(S2)	S535–S541
Choi, J.-H., see Kim, J.-S.	(S2)	S511–S517
Choi, W.H., I.R. Yoo, J.H. O, T.J. Kim, K.Y. Lee and Y.K. Kim, Is the Glut expression related to FDG uptake in PET/CT of non-small cell lung cancer patients?	(S2)	S311–S318
Choo, K.-Y., H.-C. Ling, Y.-C. Lo, Z.-H. Yap, J.-S. Pua, R.C.-W. Phan and V.-T. Goh, Android based self-diagnostic electrocardiogram system for mobile healthcare	(S2)	S435–S442
Chung, S.-C., see Jung, G.-I.	(S2)	S535–S541
Chuo, Y.-H., C.-C. Liu and C.-H. Tsai, Effectiveness of e-learning in hospitals	(S1)	S157–S160
Cipresso, P., see Pallavicini, F.	(6)	795– 807
Cisari, C., see Pallavicini, F.	(6)	795– 807
Citak, M., see Suero, E.M.	(2)	171– 177
Citak, M., T.O. Klatte, E.M. Suero, J. Lenhart, T. Gehrke and D. Kendoff, Are patients with preoperative air travel at higher risk for venous thromboembolism following primary total hip and knee arthroplasty?	(3)	307– 311
Claassen, L., see Pastor, M.F.	(5)	637– 643

- Connolly Jr., E.S., see Mitrasinovic, S. (4) 381– 401
- Cook, D., see Robertson, K. (6) 745– 756
- Dargel, J., see Bredow, J. (6) 847– 854
- Dawson, M.R., see Schofield, J.S. (2) 129– 141
- de Vault, C., see Zhou, H.Y. (S2) S335–S342
- Decker, S., M. Krämer, A.-K. Marten, R. Pfeifer, V. Wesling, C. Neunaber, C. Hurschler, C. Krettek and C.W. Müller, A nickel-titanium shape memory alloy plate for contactless inverse dynamization after internal fixation in a sheep tibia fracture model: A pilot study (4) 463– 474
- Decker, S., see Suero, E.M. (2) 171– 177
- Del Guerra, A., see Panetta, D. (5) 557– 570
- Dell'IIsola, A., see Pallavicini, F. (6) 795– 807
- Demonceau, M., see Buckinx, F. (2) 195– 203
- Dette, F., see Kratz, T. (3) 313– 322
- Dong, L., see An, Z. (S2) S551–S558
- Dong, Z., see Xu, L. (S2) S443–S451
- Du, D., see Shi, H. (S2) S615–S623
- Du, S., see Friedrich, W. (S2) S465–S471
- Du, S., see Wu, Y. (S2) S519–S527
- Du, Y.-W. and Y.-B. Guo, Evidence reasoning method for constructing conditional probability tables in a Bayesian network of multimorbidity (S1) S161–S167
- Duan, H., see Wu, Y. (S2) S519–S527
- Duan, S., see Xu, B. (S1) S43– S48
- Duif, C., M.A. Koutah, O. Ackermann, G. Spyrou, L.V. von Engelhardt, D. Kaya, R.E. Willburger and M. Lahner, Combination of autologous chondrocyte implantation (ACI) and osteochondral autograft transfer system (OATS) for surgical repair of larger cartilage defects of the knee joint. A review illustrated by a case report (5) 531– 537
- Dumont, E.L.P., see Mitrasinovic, S. (4) 381– 401
- Eckel, E., see Brokaw, E.B. (2) 143– 151
- Efe, T., see Geßlein, M. (5) 659– 666
- Efe, T., see Schüttler, K.F. (4) 403– 409
- Ehlert, C., see Königshausen, M. (6) 855– 869
- Emmelkamp, P.M.G., see Morina, N. (5) 581– 589
- Endo, H., see Anzai, H. (5) 547– 556
- Endoh, A., see Sakushima, K. (3) 267– 274
- Exarchos, T., see Panetta, D. (5) 557– 570
- Eysel, P., see Beyer, F. (6) 871– 879
- Eysel, P., see Bredow, J. (6) 847– 854
- Ezechieli, M., see Pastor, M.F. (5) 637– 643
- Fan, H., see Shi, Y. (S1) S139–S145
- Fan, J., J. Zhong, J. Zhao and Y. Zhu, BP neural network tuned PID controller for position tracking of a pneumatic artificial muscle (S2) S231–S238

Fan, J., see Chen, Y.	(S2)	S197–S202
Fan, J., see Peng, Y.	(5)	667– 673
Fan, Z.-L., Q.-M. Quan, Y.-X. Li, Y. Jun and S.-G. Wang, Exploring the best model for describing light-response curves in two <i>Epimedium</i> species	(S1)	S9– S13
Feng, T., see Wang, Y.-C.	(S1)	S119–S125
Feuz, K., see Robertson, K.	(6)	745– 756
Ficklscherer, A., see Hagen, M.	(1)	93– 100
Ficklscherer, A., see Lahner, M.	(1)	75– 82
Filipovic, N., see Panetta, D.	(5)	557– 570
Filipovic, N., see Radovic, M.	(6)	757– 774
Finkelstein, J., see Jeong, I.C.	(S2)	S543–S549
Fotiadis, D.I., see Panetta, D.	(5)	557– 570
Frömke, C., see Zeckey, C.	(1)	63– 73
Friedrich, W., S. Du and K. Balt, Studying frequency processing of the brain to enhance long-term memory and develop a human brain protocol	(S2)	S465–S471
Fu, W., X. Wang and Y. Liu, Impact-induced soft-tissue vibrations associate with muscle activation in human landing movements: An accelerometry and EMG evaluation	(S2)	S179–S187
Gan, K.B., see Azeez, D.	(4)	419– 428
Gao, C., L. Guo, F. Gao and B. Yang, Innovation design of medical equipment based on TRIZ	(S2)	S269–S276
Gao, D., see Zhuge, L.	(S1)	S169–S176
Gao, F., see Gao, C.	(S2)	S269–S276
Gao, H.-X., see Wang, G.-Q.	(S1)	S49– S53
Gao, X.-F., see Wang, G.-Q.	(S1)	S49– S53
Garcia-Zapirain, B., see Mendez-Zorrilla, A.	(5)	591– 604
Garcia-Zapirain, B., see Oleagordia-Ruiz, I.	(3)	359– 368
Garcia-Zapirain, B., see Pérez, P.J.	(3)	351– 357
Gaulke, R., see Persson, J.	(3)	285– 298
Gaulke, R., see Schröder, M.	(2)	215– 221
Ge, J. and G. Zhang, Novel images extraction model using improved delay vector variance feature extraction and multi-kernel neural network for EEG detection and prediction	(S1)	S151–S155
Geßlein, M., P.P. Roessler, K.F. Schüttler, R. Biber, H.J. Bail and T. Efe, Complications and failure of MPFL reconstruction with free tendon grafts in cases of patellofemoral instability	(5)	659– 666
Geetha, K.P., see Sucharitha, M.	(5)	571– 580
Gehrke, T., see Citak, M.	(3)	307– 311
Geier, F., see Beyer, F.	(6)	871– 879
Gessmann, J., see Königshausen, M.	(6)	855– 869
Gillain, S., see Buckinx, F.	(2)	195– 203
Goh, B.-J., see Jung, G.-I.	(S2)	S473–S480
Goh, V.-T., see Choo, K.-Y.	(S2)	S435–S442
Göpfert, L., see Lahner, M.	(2)	205– 213

- Gordon, C., see Roopchand-Martin, S. (3) 275– 283
- Goto, T., see Yamaguchi, Y. (5) 685– 690
- Goulet, E.D.B. and A. Asselin, Reliability and validity of a low cost, pocket-sized and battery operated sodium analyzer in measuring urinary sodium concentration (6) 881– 891
- Guo, L., see Gao, C. (S2) S269–S276
- Guo, Q. and X. Su, The study of medical image enhancement based on curvelet (S2) S319–S323
- Guo, Q., see Wang, Y.-C. (S1) S119–S125
- Guo, T., see Xiang, H. (S2) S419–S426
- Guo, Y.-B., see Du, Y.-W. (S1) S161–S167
- Haddadin, S., see Persson, J. (3) 285– 298
- Haga, T., A. Javadzadegan, K. Kabir, A. Simmons and T. Barber, Particle image velocimetry study of aorta-renal bifurcation (5) 539– 545
- Hagen, M., C. Abraham, A. Ficklscherer and M. Lahner, Biomechanical study of plantar pressures during walking in male soccer players with increased vs. normal hip alpha angles (1) 93– 100
- Hagen, M., M. Lemke, H.-P. Kutsch and M. Lahner, Development of a functional anatomical subtalar pronator and supinator strength training machine (5) 627– 635
- Hagen, M., M. Lemke, L. Paszota and M. Lahner, Reliability of two goniometric methods for measuring active subtalar range of motion (3) 323– 331
- Hagen, M., see Lahner, M. (1) 75– 82
- Han, F., see Zhang, K. (S2) S489–S494
- Han, X., see Liu, Y. (S1) S89– S93
- Hao, D., see Cao, L. (S2) S427–S433
- Hao, J., see Suresh, R. (1) 47– 61
- Hao, J., see Suresh, R. (6) 785– 794
- Hao, L., see An, Z. (S2) S551–S558
- Hartanto, D., see Morina, N. (5) 581– 589
- Hawa, R., see Zhang, M.W.B. (6) 729– 736
- Hawa, R., see Zhang, M.W.B. (6) 737– 744
- Hawi, N., see Suero, E.M. (2) 171– 177
- He, B., see Cai, Y. (3) 299– 305
- He, S., see Jiang, F. (S2) S481–S487
- He, Y., see Yang, P. (S2) S293–S300
- Hebert, J.S., see Schofield, J.S. (2) 129– 141
- Heep, H., see Koutras, C. (6) 809– 817
- Hildebrand, F., see Zeckey, C. (1) 63– 73
- Ho, R.C.M., see Zhang, M.W.B. (4) 411– 417
- Ho, R.C.M., see Zhang, M.W.B. (6) 729– 736
- Ho, R.C.M., see Zhang, M.W.B. (6) 737– 744
- Hohloch, L., L. Konstantinidis, F.C. Wagner, P.C. Strohm, N.P. Südkamp and K. Reising, Biomechanical evaluation of a new technique for external fixation of unstable supracondylar humerus fractures in children (4) 453– 461
- Hou, K.-M., see Zhou, H.Y. (S2) S335–S342
- Hsieh, H.-L., C.-H. Tsai, W.-H. Chih and H.-H. Lin, Factors affecting success of an integrated community-based telehealth system (S2) S189–S196

- Hu, L., see Qin, X. (S2) S325–S333
- Hu, W., see Liu, Y. (S1) S89– S93
- Hu, Y.-H., see Chen, C.-W. (5) 619– 625
- Hu, Y.-H., W.-C. Lin, C.-F. Tsai, S.-W. Ke and C.-W. Chen, An efficient data preprocessing approach for large scale medical data mining (2) 153– 160
- Hu, Z., see Peng, Y. (5) 667– 673
- Huang, C., see Lin, L. (S2) S453–S463
- Huang, D., see Mao, Y. (S2) S355–S364
- Huang, N., see Zhuge, L. (S1) S169–S176
- Huo, X., see Wu, C. (S2) S365–S371
- Hurschler, C., see Decker, S. (4) 463– 474
- Huttin, C.C., Perspectives of biologists, epidemiologists and geneticists' controversies in sciences and health system reforms (1) 103– 108
- Hwang, D.-Y., H.-J. Lee, G.-C. Lee and S.-M. Lee, Treadmill training with tilt sensor functional electrical stimulation for improving balance, gait, and muscle architecture of tibialis anterior of survivors with chronic stroke: A randomized controlled trial (4) 443– 452
- Ismail, M.S., see Azeez, D. (4) 419– 428
- Ito, Y.M., see Sakushima, K. (3) 267– 274
- Jae, H.-J., see Park, C.-S. (1) 37– 45
- Javadzadegan, A., see Haga, T. (5) 539– 545
- Jeong, I.C. and J. Finkelstein, Remotely controlled biking is associated with improved adherence to prescribed cycling speed (S2) S543–S549
- Jettkant, B., see Königshausen, M. (6) 855– 869
- Ji, X., S. Li, L. Lin, Q. Zhang and Y. Wei, Gene cloning, sequence analysis and heterologous expression of a novel cold-active lipase from *Pseudomonas* sp. PF16 (S1) S109–S117
- Jia, Y., see Li, A.P. (S1) S37– S42
- Jian, L., W. Liang, Y. Zhang, L. Li, Y. Mei, R. Tan and L. Sun, Systemic lupus erythematosus patient with false positive results of antibody to HIV: A case report and a comprehensive literature review (S1) S99–S103
- Jiang, F., S. Song, J. Cheng, S. He and X. Yang, Research on coupling relationship between ECG and PW signal in the cardiovascular system (S2) S481–S487
- Jin, S.C., see Li, A.P. (S1) S37– S42
- Jin, Y., see Yang, P. (S2) S293–S300
- Joseph, L., see Ambusam, S. (5) 691– 697
- Joshi, A., see Chandak, A. (2) 119– 128
- Ju, W.-N., see Qi, B.-C. (5) 653– 658
- Jun, J.-H., see Jung, G.-I. (S2) S473–S480
- Jun, J.-H., see Jung, G.-I. (S2) S535–S541
- Jun, J.-H., see Kim, J.-S. (S2) S511–S517
- Jun, Y., see Fan, Z.-L. (S1) S9– S13

- Jung, G.-I., B.K. Park, J.-S. Kim, T.-H. Lee, J.-H. Choi, H.-B. Oh, A.-H. Kim, B.-J. Goh, J.-W. Kim, K.S. Lee and J.-H. Jun, A new optical technique to monitor joint motion using position sensitive detector (S2) S473–S480
- Jung, G.-I., J.-S. Kim, T.-H. Lee, J.-H. Choi, H.-B. Oh, A.-H. Kim, J.-S. Kim, J.-R. Park, S.-C. Chung, D.-I. Yeom, H.-S. Kim and J.-H. Jun, Photomechanical effect on Type I collagen using pulsed diode laser (S2) S535–S541
- Jung, G.-I., see Kim, J.-S. (S2) S511–S517
- Jung, S. and Y. Shin, Identification of heart disease-prone personality using oscillometric blood pressure measurements (S2) S211–S222
- Kabir, K., see Haga, T. (5) 539– 545
- Kalwa, L., see Lahner, M. (2) 205– 213
- Kampmann, I.L., see Morina, N. (5) 581– 589
- Kang, J., see Xu, C. (S1) S61– S70
- Katinakis, F., see Bredow, J. (6) 847– 854
- Kaur, N., see Suresh, R. (1) 47– 61
- Kaya, D., see Duif, C. (5) 531– 537
- Ke, S.-W., see Chen, C.-W. (5) 619– 625
- Ke, S.-W., see Hu, Y.-H. (2) 153– 160
- Kendoff, D., see Citak, M. (3) 307– 311
- Khan, M., see Alam, K. (6) 775– 783
- Khan, M.A., see Mehmood, S. (6) 819– 833
- Kieffer, O., see Pastor, M.F. (5) 637– 643
- Kim, A.-H., see Jung, G.-I. (S2) S473–S480
- Kim, A.-H., see Jung, G.-I. (S2) S535–S541
- Kim, A.-H., see Kim, J.-S. (S2) S511–S517
- Kim, H.-S., see Jung, G.-I. (S2) S535–S541
- Kim, J.-S., G.-I. Jung, J.-H. Choi, T.-H. Lee, A.-H. Kim, H.-B. Oh, Y. Kwon, E.-S. Lee, Y.B. Cho and J.-H. Jun, Development of multi-colored LED system for therapeutic application (S2) S511–S517
- Kim, J.-S., see Jung, G.-I. (S2) S473–S480
- Kim, J.-S., see Jung, G.-I. (S2) S535–S541
- Kim, J.-S., see Jung, G.-I. (S2) S535–S541
- Kim, J.-W., see Jung, G.-I. (S2) S473–S480
- Kim, K.-G., see Park, C.-S. (1) 37– 45
- Kim, S.H., see Yu, C.-H. (S2) S301–S310
- Kim, S.M., see Park, S.Y. (S2) S559–S565
- Kim, T.J., see Choi, W.H. (S2) S311–S318
- Kim, Y., see Ryu, J. (S2) S529–S534
- Kim, Y.H., see Nagao, M. (6) 715– 727
- Kim, Y.K., see Choi, W.H. (S2) S311–S318
- Klatte, T.O., see Citak, M. (3) 307– 311
- Königshausen, M., B. Jettkant, N. Sverdlova, C. Ehlert, J. Gessmann, T.A. Schildhauer and D. Seybold, Influence of different peg length in glenoid bone loss: A biomechanical analysis regarding primary stability of the glenoid baseplate in reverse shoulder arthroplasty (6) 855– 869

- Konno, S., see Nagao, M. (6) 715– 727
- Konstantinidis, L., see Hohloch, L. (4) 453– 461
- Kosmopoulos, V., C. Luedke and A.D. Nana, Dual small fragment plating improves screw-to-screw load sharing for mid-diaphyseal humeral fracture fixation: A finite element study (1) 83– 92
- Koumpouros, N., see Koumpouros, Y. (4) 495– 507
- Koumpouros, Y., T.L. Toulas and N. Koumpouros, The importance of patient engagement and the use of Social Media marketing in healthcare (4) 495– 507
- Koutah, M.A., see Duif, C. (5) 531– 537
- Koutras, C., M. Bitsaki, G. Koutras, C. Nikolaou and H. Heep, Socioeconomic impact of e-Health services in major joint replacement: A scoping review (6) 809– 817
- Koutras, G., see Koutras, C. (6) 809– 817
- Krämer, M., see Decker, S. (4) 463– 474
- Kratz, T., F. Dette, J. Schmitt, T. Wiesmann, H. Wulf and M. Zoremba, Impact of regional femoral nerve block during general anesthesia for hip arthroplasty on blood pressure, heart rate and pain control: A randomized controlled study (3) 313– 322
- Krettek, C., see Decker, S. (4) 463– 474
- Krettek, C., see Persson, J. (3) 285– 298
- Krettek, C., see Schröder, M. (2) 215– 221
- Krettek, C., see Suero, E.M. (2) 171– 177
- Krettek, C., see Zeckey, C. (1) 63– 73
- Krug, B., see Bredow, J. (6) 847– 854
- Kuang, S., see Liu, G. (S2) S239–S247
- Kusmic, C., see Panetta, D. (5) 557– 570
- Kutsch, H.-P., see Hagen, M. (5) 627– 635
- Kwon, T.-K., see Yu, C.-H. (S2) S301–S310
- Kwon, Y., see Kim, J.-S. (S2) S511–S517
- Ladabaum, U., see Phillips, K.A. (3) 373– 379
- Lahner, M., D. Mußhoff, C. von Schulze Pellengahr, R. Willburger, M. Hagen, A. Ficklscherer, L.V. von Engelhardt, O. Ackermann, N. Lahner and G. Vetter, Is the Kinect system suitable for evaluation of the hip joint range of motion and as a screening tool for femoroacetabular impingement (FAI)? (1) 75– 82
- Lahner, M., L. Kalwa, R. Olbring, C. Mohr, L. Göpfert and T. Seidl, Biomimetic structured surfaces increase primary adhesion capacity of cartilage implants (2) 205– 213
- Lahner, M., see Duif, C. (5) 531– 537
- Lahner, M., see Hagen, M. (1) 93– 100
- Lahner, M., see Hagen, M. (3) 323– 331
- Lahner, M., see Hagen, M. (5) 627– 635
- Lahner, M., see Teske, W. (3) 343– 350
- Lahner, M., see Teske, W. (5) 645– 652
- Lahner, N., see Lahner, M. (1) 75– 82
- Lee, B.-G. and J.-H. Lee, Immediate effects of ankle balance taping with kinesiology tape on the dynamic balance of young players with functional ankle instability (3) 333– 341

- Lee, E.-S., see Kim, J.-S. (S2) S511–S517
- Lee, G.-C., see Hwang, D.-Y. (4) 443– 452
- Lee, H.-J., see Hwang, D.-Y. (4) 443– 452
- Lee, J.-H., see Lee, B.-G. (3) 333– 341
- Lee, K.S., see Jung, G.-I. (S2) S473–S480
- Lee, K.Y., see Choi, W.H. (S2) S311–S318
- Lee, S., see Shin, Y.-S. (S2) S277–S284
- Lee, S.-M., see Hwang, D.-Y. (4) 443– 452
- Lee, T.-H., see Jung, G.-I. (S2) S473–S480
- Lee, T.-H., see Jung, G.-I. (S2) S535–S541
- Lee, T.-H., see Kim, J.-S. (S2) S511–S517
- Lemke, M., see Hagen, M. (3) 323– 331
- Lemke, M., see Hagen, M. (5) 627– 635
- Lenhart, J., see Citak, M. (3) 307– 311
- Li, A.P., S.C. Jin, L.M. Zhang and Y. Jia, A sequential decision-theoretic model for medical diagnostic system (S1) S37– S42
- Li, A.P., see Li, W.S. (S1) S55– S59
- Li, B., see Wang, H. (S2) S249–S262
- Li, B., see Xu, C. (S1) S61– S70
- Li, C., see Li, H. (S2) S343–S353
- Li, C., see Xiang, W. (5) 605– 617
- Li, H., Q. Zhang and C. Li, An effective hand vein feature extraction method (S2) S343–S353
- Li, H., see Zhang, J. (S2) S411–S417
- Li, J., see Zhou, H.Y. (S2) S335–S342
- Li, L., see Jian, L. (S1) S99–S103
- Li, L., see Mao, Y. (S2) S355–S364
- Li, L., see Mao, Y. (S2) S355–S364
- Li, M., S. Lu and N. Zhong, Recruitment of the ventral and dorsal streams in statistical graph comprehension: An fMRI study (S2) S593–S601
- Li, M., see Cao, L. (S2) S427–S433
- Li, M., see Wu, C. (S2) S365–S371
- Li, N., see Niu, Y. (S1) S105–S108
- Li, S., see Ji, X. (S1) S109–S117
- Li, S., see Zhuge, L. (S1) S169–S176
- Li, S., see Zhuge, L. (S1) S169–S176
- Li, S.D., see Li, W.S. (S1) S55– S59
- Li, W.S., A.P. Li and S.D. Li, A method for knowledge acquisition in diagnostic expert system (S1) S55– S59
- Li, X., see Lin, L. (S2) S453–S463
- Li, X., see Xu, C. (S1) S61– S70
- Li, Y., Analysis of intima-media thickness of carotid artery and lipoprotein-associated phospholipase A2 in coronary heart diseases of different types (S1) S147–S150
- Li, Y., Correlation analysis of levels of adiponectin and matrix metalloproteinase-9 with stability of coronary heart disease (S1) S95– S98
- Li, Y., see Peng, Y. (5) 667– 673

Li, Y., see Wang, H.	(S2)	S249–S262
Li, Y.-S., see Wang, G.-Q.	(S1)	S49– S53
Li, Y.-X., see Fan, Z.-L.	(S1)	S9– S13
Liang, W., see Jian, L.	(S1)	S99–S103
Liang, X., see Wang, G.	(S1)	S29– S36
Lieber, B., see Mitrasinovic, S.	(4)	381– 401
Liebman, M.N., Bridging the gap between translational medicine and unmet clinical needs	(1)	109– 118
Lin, H.-H., see Hsieh, H.-L.	(S2)	S189–S196
Lin, J.-H., see Lou, C.-W.	(5)	675– 684
Lin, L., C. Huang, X. Ni, J. Wang, H. Zhang, X. Li and Z. Qian, Driver fatigue detection based on eye state	(S2)	S453–S463
Lin, L., see Ji, X.	(S1)	S109–S117
Lin, W.-C., see Chen, C.-W.	(5)	619– 625
Lin, W.-C., see Hu, Y.-H.	(2)	153– 160
Ling, H.-C., see Choo, K.-Y.	(S2)	S435–S442
Liu, C.-C., see Chuo, Y.-H.	(S1)	S157–S160
Liu, D., see Yang, X.	(S2)	S567–S575
Liu, G., G. Yan, S. Zhao and S. Kuang, A complexity-efficient and one-pass image compression algorithm for wireless capsule endoscopy	(S2)	S239–S247
Liu, J., see Niu, Y.	(S1)	S105–S108
Liu, J., W. Zhan, M. Zhou and X. Zhang, Ultrasound elastography of the supraspinatus tendon guided by US–MRI virtual navigation	(S2)	S263–S268
Liu, J.-S., see Wang, Y.-C.	(S1)	S119–S125
Liu, R., F. Xu and T. Liu, Novel “crowbar effect” approach to improve success rate of recanalization of coronary chronic total occlusions	(S2)	S223–S230
Liu, S. and Y. Zhou, MR temperature imaging using PRF phase difference and a geometric model-based fat suppression method	(S2)	S587–S592
Liu, S., see Zhang, Y.	(S2)	S397–S410
Liu, T., see Liu, R.	(S2)	S223–S230
Liu, X., see Yang, F.	(S2)	S603–S613
Liu, Y., J. Yan, X. Han and W. Hu, Garlic-derived compound S-allylmercaptocysteine (SAMC) is active against anaplastic thyroid cancer cell line 8305C (HPACC)	(S1)	S89– S93
Liu, Y., see Fu, W.	(S2)	S179–S187
Liu, Y., see Wang, G.-Q.	(S1)	S49– S53
Liu, Y., see Xiang, H.	(S2)	S419–S426
Lo, Y.-C., see Choo, K.-Y.	(S2)	S435–S442
Logan, J., see Mitrasinovic, S.	(4)	381– 401
López-Torres, J., J. Rabanales and M.J. Simarro on behalf of the PITES-ALBACETE Group, Effectiveness of a telemedicine programme for patients with metabolic syndrome	(2)	161– 169
Lou, C.-W., B.-C. Shiu, J.-H. Lin and Y.-J. Chang, Development and characteristic study of woven fabrics for intelligent diapers	(5)	675– 684
Lu, D., see Zhuge, L.	(S1)	S169–S176

- Lu, M., Fiber tracking of brain white matter based on graph theory (S1) S3– S8
- Lu, S., see Li, M. (S2) S593–S601
- Lu, W. and Z. Yan, An improved fuzzy C-means clustering algorithm for assisted therapy of chronic bronchitis (6) 699– 713
- Luedke, C., see Kosmopoulos, V. (1) 83– 92
- Luo, H., see Yang, P. (S2) S293–S300
- Luo, Y.F., see Wang, G. (S1) S21– S27
- Lv, L., see Zhang, J. (S2) S411–S417
- Ma, S., see Yin, H. (S2) S501–S510
- Manimaran, S., R. Rajalakshmi and K. Bhagyalakshmi, A model of Occupational Safety and Health Management System (OSHMS) for promoting and controlling health and safety in textile industry (1) 1– 8
- Mao, Y., P. Chen, L. Li, L. Li and D. Huang, Changes of pelvis control with subacute stroke: A comparison of body-weight-support treadmill training coupled virtual reality system and over-ground training (S2) S355–S364
- Maquet, D., see Buckinx, F. (2) 195– 203
- Marten, A.-K., see Decker, S. (4) 463– 474
- Martineau, D., see Mitrasinovic, S. (4) 381– 401
- Matsumoto, Y., see Anzai, H. (5) 547– 556
- Matsuzawa, T., see Mori, F. (1) 9– 21
- McComb, S. and R.R. Bond, CoDiagnose: Interactive software to harness collaborative diagnoses and to increase diagnostic accuracy amongst junior physicians (3) 243– 256
- Mehmood, S., M.N. Ali, U. Ansari, M. Mir and M.A. Khan, Auxetic polymeric bone plate as internal fixator for long bone fractures: Design, fabrication and structural analysis (6) 819– 833
- Mehrzad, R. and M. Barza, Are physician pagers an outmoded technology? (3) 233– 241
- Mei, Y., see Chen, D. (S2) S577–S586
- Mei, Y., see Jian, L. (S1) S99–S103
- Meller, R., see Suero, E.M. (2) 171– 177
- Mendez-Zorrilla, A. and B. Garcia-Zapirain, Vocal folds morphological pathologies detection using Gabor filtering and Principal Component Analysis (5) 591– 604
- Mendez-Zorrilla, A., see Pérez, P.J. (3) 351– 357
- Meng, B., see Song, T. (S2) S495–S500
- Meng, S.P., see Ambusam, S. (5) 691– 697
- Miao, M.-X., see Shao, Z.-Y. (S1) S133–S137
- Milosevic, M., see Radovic, M. (6) 757– 774
- Miltner, O., see Pastor, M.F. (5) 637– 643
- Mir, M., see Mehmood, S. (6) 819– 833
- Mitrasinovic, S., E. Camacho, N. Trivedi, J. Logan, C. Campbell, R. Zilinyi, B. Lieber, E. Bruce, B. Taylor, D. Martineau, E.L.P. Dumont, G. Appelboom and E.S. Connolly Jr., Clinical and surgical applications of smart glasses (4) 381– 401
- Miyashita, T., see Yamaguchi, Y. (5) 685– 690
- Mohr, C., see Lahner, M. (2) 205– 213
- Mommsen, P., see Zeckey, C. (1) 63– 73

- Mori, F., M. Ohta and T. Matsuzawa, Changes in blood flow due to stented parent artery expansion in an intracranial aneurysm (1) 9– 21
- Morina, N., W.-P. Brinkman, D. Hartanto, I.L. Kampmann and P.M.G. Emmelkamp, Social interactions in virtual reality exposure therapy: A proof-of-concept pilot study (5) 581– 589
- Mortazavi, G. and S.M.J. Mortazavi, Should pregnant women with dental amalgam fillings limit their exposure to electromagnetic fields to prevent the toxic effects of mercury in their foetuses? (3) 369– 371
- Mortazavi, S.M.J., see Mortazavi, G. (3) 369– 371
- Mußhoff, D., see Lahner, M. (1) 75– 82
- Muhammad, R., see Alam, K. (6) 775– 783
- Müller, C.W., see Decker, S. (4) 463– 474
- Nagao, M., S. Konno, Y.H. Kim and O. Yokota, Frequency response in bone joint acoustic sensor development (6) 715– 727
- Nana, A.D., see Kosmopoulos, V. (1) 83– 92
- Nasuhara, Y., see Sakushima, K. (3) 267– 274
- Nelson, G., see Roopchand-Martin, S. (3) 275– 283
- Neokleous, K.C., see Schiza, E.C. (4) 509– 522
- Neunaber, C., see Decker, S. (4) 463– 474
- Ni, X., see Lin, L. (S2) S453–S463
- Nikolaou, C., see Koutras, C. (6) 809– 817
- Ninkovic, S., see Radovic, M. (6) 757– 774
- Niu, Y., H. Cai, J. Yan, N. Li and J. Liu, CT-guided satellite ganglion block for the treatment of Prostatectomy pain in survivors of breast cancer (S1) S105–S108
- O, J.H., see Choi, W.H. (S2) S311–S318
- Oh, H.-B., see Jung, G.-I. (S2) S473–S480
- Oh, H.-B., see Jung, G.-I. (S2) S535–S541
- Oh, H.-B., see Kim, J.-S. (S2) S511–S517
- Ohta, M., see Anzai, H. (5) 547– 556
- Ohta, M., see Mori, F. (1) 9– 21
- Ohta, M., see Yu, C.-H. (S2) S301–S310
- Olbring, R., see Lahner, M. (2) 205– 213
- Oleagordia-Ruiz, I. and B. Garcia-Zapirain, Harmonic to noise ratio improvement in oesophageal speech (3) 359– 368
- O’Loughlin, P.F., see Persson, J. (3) 285– 298
- O’Loughlin, P.F., see Schröder, M. (2) 215– 221
- Omar, B., see Ambusam, S. (5) 691– 697
- Oppermann, J., see Beyer, F. (6) 871– 879
- Ozada, N., Effect of six degrees of freedom knee kinematics on ligament length and moment arm in an intact knee model (4) 485– 494
- Padzil, F.A.M., see Ambusam, S. (5) 691– 697

- Pallavicini, F., E. Pedroli, S. Serino, A. Dell'Isola, P. Cipresso, C. Cisari and G. Riva, Assessing Unilateral Spatial Neglect using advanced technologies: The potentiality of mobile virtual reality (6) 795– 807
- Panetta, D., G. Pelosi, F. Viglione, C. Kusmic, M. Terreni, N. Belcari, A. Del Guerra, L. Athanasiou, T. Exarchos, D.I. Fotiadis, N. Filipovic, M.G. Trivella, P.A. Salvadori and O. Parodi, Quantitative micro-CT based coronary artery profiling using interactive local thresholding and cylindrical coordinates (5) 557– 570
- Park, B.K., see Jung, G.-I. (S2) S473–S480
- Park, C.H., see Yu, C.-H. (S2) S301–S310
- Park, C.-S., J.-I. Park, K.-G. Kim, C.-N. Cho, B.-U. Ahn and H.-J. Jae, A quantitative evaluation of abdominal aorta aneurysm by CT images (1) 37– 45
- Park, J.-I., see Park, C.-S. (1) 37– 45
- Park, J.-R., see Jung, G.-I. (S2) S535–S541
- Park, S.Y. and S.M. Kim, Acute appendicitis diagnosis using artificial neural networks (S2) S559–S565
- Parodi, O., see Panetta, D. (5) 557– 570
- Pastor, M.F., M. Ezechieli, L. Claassen, O. Kieffer and O. Miltner, Prospective study of injury in volleyball players: 6 year results (5) 637– 643
- Paszota, L., see Hagen, M. (3) 323– 331
- Pedroli, E., see Pallavicini, F. (6) 795– 807
- Pelosi, G., see Panetta, D. (5) 557– 570
- Peng, Q., see Shi, H. (S2) S615–S623
- Peng, Y., M. Qiu, L. Yu, J. Fan, S. Qi, Y. Li, Z. Hu and Y. Song, Developing a new transparent sheath for endoscopic third ventriculostomy in treating hydrocephalus patients (5) 667– 673
- Peng, Y., see Yang, P. (S2) S293–S300
- Pérez, P.J., B. Garcia-Zapirain and A. Mendez-Zorrilla, Caregiver and social assistant robot for rehabilitation and coaching for the elderly (3) 351– 357
- Persson, J., S. Peters, S. Haddadin, P.F. O'Loughlin, C. Krettek and R. Gaulke, The prognostic value of radiologic parameters for long-term outcome assessment after an isolated unilateral calcaneus fracture (3) 285– 298
- Petermans, J., see Buckinx, F. (2) 195– 203
- Peters, S., see Persson, J. (3) 285– 298
- Petkov, N., see Schiza, E.C. (4) 509– 522
- Peulic, A., see Radovic, M. (6) 757– 774
- Pfau, D., see Bredow, J. (6) 847– 854
- Pfeifer, R., see Decker, S. (4) 463– 474
- Phan, R.C.-W., see Choo, K.-Y. (S2) S435–S442
- Phillips, K.A., M.J. Pletcher and U. Ladabaum, Is the “\$1000 Genome” really \$1000? Understanding the full benefits and costs of genomic sequencing (3) 373– 379
- Pletcher, M.J., see Phillips, K.A. (3) 373– 379
- Prabha, S., S.S. Suganthi and C.M. Sujatha, An approach to analyze the breast tissues in infrared images using nonlinear adaptive level sets and Riesz transform features (4) 429– 442
- Pua, J.-S., see Choo, K.-Y. (S2) S435–S442

- Qamar, S.Z., see Alam, K. (6) 775– 783
- Qi, B.-C., W.-N. Ju, T.-J. Wang, T.-C. Yu, Y. Zhao and D.-H. Sun, A novel technique to prevent guide wire related complications while inserting the 4.0 mm cannulated screws (5) 653– 658
- Qi, S., see Peng, Y. (5) 667– 673
- Qian, Z., see Lin, L. (S2) S453–S463
- Qin, C., see Yu, B. (S2) S383–S396
- Qin, X., W. Wang, L. Hu, X. Wang and X. Yuan, Feature study of hysterical blindness EEG based on FastICA with combined-channel information (S2) S325–S333
- Qin, Y., see Xiang, H. (S2) S419–S426
- Qiu, M., see Peng, Y. (5) 667– 673
- Quan, Q.-M., see Fan, Z.-L. (S1) S9– S13
-
- Rabanales, J., see López-Torres, J. (2) 161– 169
- Radovic, M., M. Milosevic, S. Ninkovic, N. Filipovic and A. Peulic, Parameter optimization of a computer-aided diagnosis system for detection of masses on digitized mammograms (6) 757– 774
- Rajalakshmi, R., see Manimaran, S. (1) 1– 8
- Reginster, J.Y., see Buckinx, F. (2) 195– 203
- Reising, K., see Hohloch, L. (4) 453– 461
- Ren, J., see Chen, D. (S2) S577–S586
- Riva, G., see Pallavicini, F. (6) 795– 807
- Robertson, K., C. Rosasco, K. Feuz, M. Schmitter-Edgecombe and D. Cook, Prompting technologies: A comparison of time-based and context-aware transition-based prompting (6) 745– 756
- Rodríguez-Molinero, A., see Sayeed, T. (2) 179– 194
- Roessler, P.P., see Geßlein, M. (5) 659– 666
- Rong, Y., see Cao, L. (S2) S427–S433
- Roopchand-Martin, S., G. Nelson, C. Gordon and S.Y. Sing, A pilot study using the XBOX Kinect for exercise conditioning in sedentary female university students (3) 275– 283
- Rosasco, C., see Robertson, K. (6) 745– 756
- Ryu, J., J. Son, S. Ahn, I. Shin and Y. Kim, Biomechanical analysis of the circular friction hand massage (S2) S529–S534
-
- Sakushima, K., R. Umeki, A. Endoh, Y.M. Ito and Y. Nasuhara, Time trend of injection drug errors before and after implementation of bar-code verification system (3) 267– 274
- Salvadori, P.A., see Panetta, D. (5) 557– 570
- Samà, A., see Sayeed, T. (2) 179– 194
- Sayeed, T., A. Samà, A. Català, A. Rodríguez-Molinero and J. Cabestany, Adapted step length estimators for patients with Parkinson’s disease using a lateral belt worn accelerometer (2) 179– 194
- Schildhauer, T.A., see Königshausen, M. (6) 855– 869

- Schiza, E.C., K.C. Neokleous, N. Petkov and C.N. Schizas, A patient centered electronic health: eHealth system development (4) 509– 522
- Schizas, C.N., see Schiza, E.C. (4) 509– 522
- Schlüter-Brust, K., see Bredow, J. (6) 847– 854
- Schmitt, J., see Kratz, T. (3) 313– 322
- Schmitter-Edgecombe, M., see Robertson, K. (6) 745– 756
- Schofield, J.S., M.R. Dawson, J.P. Carey and J.S. Hebert, Characterizing the effects of amplitude, frequency and limb position on vibration induced movement illusions: Implications in sensory-motor rehabilitation (2) 129– 141
- Schröder, M., V. Stüber, E. Walendzik, P.F. O’Loughlin, A. Zapf, C. Krettek and R. Gaulke, Establishing an optimal trajectory for calcaneotibial K-wire fixation in emergent treatment of unstable ankle fractures (2) 215– 221
- Schüttler, K.F. and T. Efe, Tissue regeneration in orthopedic surgery – do we need cells? (4) 403– 409
- Schüttler, K.F., see Geßlein, M. (5) 659– 666
- Schwert, M., see Teske, W. (5) 645– 652
- Seidl, T., see Lahner, M. (2) 205– 213
- Serino, S., see Pallavicini, F. (6) 795– 807
- Sexsmith, J.R., see Terada, T. (6) 835– 845
- Seybold, D., see Königshausen, M. (6) 855– 869
- Shao, Z.-Y., B. Yang, W.-Z. Zhang, Y. Zhao, Z.-Q. Wu and M.-X. Miao, Secure medical information sharing in cloud computing (S1) S133–S137
- Shi, H., D. Du, J.F. Xu, Z. Su and Q. Peng, Design study of dedicated brain PET with polyhedron geometry (S2) S615–S623
- Shi, H., see Sui, J. (S1) S83– S88
- Shi, H., see Yang, L. (S1) S77– S82
- Shi, X., see Zhang, J. (S2) S411–S417
- Shi, Y., H. Fan and G. Xiong, Obfuscatable multi-recipient re-encryption for secure privacy-preserving personal health record services (S1) S139–S145
- Shih, Y.-Y., see Chen, C.-C. (4) 523– 528
- Shin, I., see Ryu, J. (S2) S529–S534
- Shin, Y., see Jung, S. (S2) S211–S222
- Shin, Y.-S., J.-K. Wee, I. Song and S. Lee, Small-area low-power heart condition monitoring system using dual-mode SAR-ADC for low-cost wearable healthcare systems (S2) S277–S284
- Shiu, B.-C., see Lou, C.-W. (5) 675– 684
- Shu, D., see Zhuge, L. (S1) S169–S176
- Si, S., see Zhang, Y. (S2) S397–S410
- Silberschmidt, V.V., see Alam, K. (6) 775– 783
- Simarro, M.J. on behalf of the PITES-ALBACETE Group, see López-Torres, J. (2) 161– 169
- Simmons, A., see Haga, T. (5) 539– 545
- Sing, S.Y., see Roopchand-Martin, S. (3) 275– 283
- Singh, C., see Suresh, R. (1) 47– 61
- Singh, C., see Suresh, R. (6) 785– 794
- Slomian, J., see Buckinx, F. (2) 195– 203

- Sobottke, R., see Beyer, F. (6) 871– 879
- Sockalingam, S., see Zhang, M.W.B. (4) 411– 417
- Sockalingam, S., see Zhang, M.W.B. (6) 729– 736
- Sockalingam, S., see Zhang, M.W.B. (6) 737– 744
- Son, J., see Ryu, J. (S2) S529–S534
- Song, A., see Wang, H. (S2) S249–S262
- Song, H., see Wang, G. (S1) S21– S27
- Song, I., see Shin, Y.-S. (S2) S277–S284
- Song, S., see Jiang, F. (S2) S481–S487
- Song, T., B. Meng, B. Chen, D. Zhao, Z. Cao, J. Ye and M. Yu, Detection of genioglossus myoelectric activity using ICA of multi-channel mandible sEMG (S2) S495–S500
- Song, Y., see Peng, Y. (5) 667– 673
- Springer, S., Effects of interphase interval and stimulation form on dorsiflexors contraction force (4) 475– 483
- Spyrou, G., see Duif, C. (5) 531– 537
- Strohm, P.C., see Hohloch, L. (4) 453– 461
- Stüber, V., see Schröder, M. (2) 215– 221
- Stübig, T., see Suero, E.M. (2) 171– 177
- Stübig, T., see Zeckey, C. (1) 63– 73
- Su, X., see Guo, Q. (S2) S319–S323
- Su, Z., see Shi, H. (S2) S615–S623
- Sucharitha, M. and K.P. Geetha, Brain tissue segmentation using fuzzy clustering techniques (5) 571– 580
- Südkamp, N.P., see Hohloch, L. (4) 453– 461
- Suero, E.M., N. Hawi, M. Citak, S. Decker, J. Brandes, R. Meller, C. Krettek and T. Stübig, Intraoperative imaging of the shoulder: A comparison of two- and three-dimensional imaging techniques (2) 171– 177
- Suero, E.M., see Citak, M. (3) 307– 311
- Suganthi, S.S., see Prabha, S. (4) 429– 442
- Sugiyama, S., see Anzai, H. (5) 547– 556
- Sui, J., L. Yang and H. Shi, Hemodynamic assessment and computation on vertebral artery stenosis (S1) S83– S88
- Sui, J., see Yang, L. (S1) S77– S82
- Sujatha, C.M., see Prabha, S. (4) 429– 442
- Sulochana, C.H., see Blessy, S.A.P.S. (1) 23– 35
- Sun, D.-H., see Qi, B.-C. (5) 653– 658
- Sun, L., see Jian, L. (S1) S99–S103
- Suresh, R., S. Bhalla, C. Singh, N. Kaur, J. Hao and S. Anand, Combined application of FBG and PZT sensors for plantar pressure monitoring at low and high speed walking (1) 47– 61
- Suresh, R., S. Bhalla, J. Hao and C. Singh, Development of a high resolution plantar pressure monitoring pad based on fiber Bragg grating (FBG) sensors (6) 785– 794
- Sverdlova, N., see Königshausen, M. (6) 855– 869
- Takaki, S., see Yamaguchi, Y. (5) 685– 690

- Tan, R., see Jian, L. (S1) S99–S103
- Tang, J., see Wu, Z. (S2) S203–S209
- Taylor, B., see Mitrasinovic, S. (4) 381– 401
- Terada, T. and J.R. Sexsmith, Determination of young adults' sedentary time with a multisensory activity monitor and activity log diary (6) 835– 845
- Terreni, M., see Panetta, D. (5) 557– 570
- Teske, W., M. Schwert, S. Zirke, C. von Schulze Pellengahr, M. Wiese and M. Lahner, Intrathecal volume changes in lumbar spinal canal stenosis following extension and flexion. An experimental cadaver study (5) 645– 652
- Teske, W., R. Boudelal, S. Zirke, C. von Schulze Pellengahr, M. Wiese and M. Lahner, Anatomical study of preganglionic spinal nerve and disc relation at different lumbar levels: Special aspect for microscopic spine surgery (3) 343– 350
- Tian, X., see Zhuge, L. (S1) S169–S176
- Tian, Y., see Cao, L. (S2) S427–S433
- Toki, K., see Yamaguchi, Y. (5) 685– 690
- Toulias, T.L., see Koumpouros, Y. (4) 495– 507
- Trivedi, N., see Mitrasinovic, S. (4) 381– 401
- Trivella, M.G., see Panetta, D. (5) 557– 570
- Tsai, C.-F., see Chen, C.-W. (5) 619– 625
- Tsai, C.-F., see Hu, Y.-H. (2) 153– 160
- Tsai, C.-H., see Chuo, Y.-H. (S1) S157–S160
- Tsai, C.-H., see Hsieh, H.-L. (S2) S189–S196
- Umeki, R., see Sakushima, K. (3) 267– 274
- Vetter, G., see Lahner, M. (1) 75– 82
- Viglione, F., see Panetta, D. (5) 557– 570
- von Engelhardt, L.V., see Duif, C. (5) 531– 537
- von Engelhardt, L.V., see Lahner, M. (1) 75– 82
- von Schulze Pellengahr, C., see Lahner, M. (1) 75– 82
- von Schulze Pellengahr, C., see Teske, W. (3) 343– 350
- von Schulze Pellengahr, C., see Teske, W. (5) 645– 652
- Wagner, F.C., see Hohloch, L. (4) 453– 461
- Walendzik, E., see Schröder, M. (2) 215– 221
- Wang, G., S. Yao, L. Cheng, Y.F. Luo and H. Song, Antioxidant and anticancer effect of the volatile oil from various habitats of *Selaginella doederleinii* Hieron (S1) S21– S27
- Wang, G., S. Yao, X. Liang, T. Zuo and M. Zhu, Detection of the metabolites of human plasma and follicular fluid in IVF-ET with microextraction and LC-TOF-MS (S1) S29– S36
- Wang, G.-Q., X.-F. Gao, H.-X. Gao, H.-S. Bao, Y. Liu and Y.-S. Li, Heterologous expression and purification of aldehyde dehydrogenase gene from *Bacillus halodurans* XJU-1 (S1) S49– S53

Wang, H., A. Song, B. Li, B. Xu and Y. Li, Psychophysiological classification and experiment study for spontaneous EEG based on two novel mental tasks	(S2)	S249–S262
Wang, J., see An, Z.	(S2)	S551–S558
Wang, J., see Lin, L.	(S2)	S453–S463
Wang, J., see Wu, Z.	(S2)	S203–S209
Wang, J., see Xu, C.	(S1)	S61– S70
Wang, L., Does the “National Free Health Care” have financial sustainability in China? A case of Shenmu County, Shaanxi Province, China	(S1)	S15– S19
Wang, P., see Yang, F.	(S2)	S603–S613
Wang, S.-G., see Fan, Z.-L.	(S1)	S9– S13
Wang, T.-J., see Qi, B.-C.	(5)	653– 658
Wang, W., see Qin, X.	(S2)	S325–S333
Wang, X., see Fu, W.	(S2)	S179–S187
Wang, X., see Qin, X.	(S2)	S325–S333
Wang, X., see Zhang, K.	(S2)	S489–S494
Wang, Y.-C., J.-S. Liu, J.-Y. Chen, T. Feng and Q. Guo, MiR-29 mediates TGF β 1-induced extracellular matrix synthesis through activation of Wnt/ β -catenin pathway in human pulmonary fibroblasts	(S1)	S119–S125
Wanyan, X., see Wu, X.	(S2)	S373–S381
Wee, J.-K., see Shin, Y.-S.	(S2)	S277–S284
Wegmann, K., see Bredow, J.	(6)	847– 854
Wei, Y., see Ji, X.	(S1)	S109–S117
Weidemann, J., see Zeckey, C.	(1)	63– 73
Wendt, K., see Zeckey, C.	(1)	63– 73
Wesling, V., see Decker, S.	(4)	463– 474
Wiese, M., see Teske, W.	(3)	343– 350
Wiese, M., see Teske, W.	(5)	645– 652
Wiesmann, T., see Kratz, T.	(3)	313– 322
Willburger, R., see Lahner, M.	(1)	75– 82
Willburger, R.E., see Duif, C.	(5)	531– 537
Winkelmann, M., see Zeckey, C.	(1)	63– 73
Wu, C., Y. Cao, X. Huo and M. Li, Simulation and experimental research on micro-channel for detecting cell status in bio-artificial liver	(S2)	S365–S371
Wu, J., see Wu, Z.	(S2)	S203–S209
Wu, X., X. Wanyan and D. Zhuang, Pilot’s visual attention allocation modeling under fatigue	(S2)	S373–S381
Wu, Y., H. Duan and S. Du, Multiple fuzzy c-means clustering algorithm in medical diagnosis	(S2)	S519–S527
Wu, Z., Z. Zhuo, D. Cai, J. Wu, J. Wang and J. Tang, An induction heating device using planar coil with high amplitude alternating magnetic fields for magnetic hyperthermia	(S2)	S203–S209
Wu, Z.-Q., see Shao, Z.-Y.	(S1)	S133–S137
Wulf, H., see Kratz, T.	(3)	313– 322
Xia, M., see Zhuge, L.	(S1)	S169–S176

- Xiang, C., see An, Z. (S2) S551–S558
- Xiang, H., Y. Liu, Y. Qin, Z. Cao, T. Guo and M. Yu, A pilot application of Korotkoff sound delay time in evaluating cardiovascular status (S2) S419–S426
- Xiang, W. and C. Li, Surgery scheduling optimization considering real life constraints and comprehensive operation cost of operating room (5) 605– 617
- Xiong, G., see Shi, Y. (S1) S139–S145
- Xu, B., H. Zhong and S. Duan, Modeling of internal carotid artery aneurysm and blood flow simulation (S1) S43– S48
- Xu, B., see Wang, H. (S2) S249–S262
- Xu, C., Y. Chen, B. Li, L. Zhang, J. Wang, J. Kang, Z. Chen and X. Li, Finite element analysis vs experimental study of head firearm wound in pig (S1) S61– S70
- Xu, F., see Liu, R. (S2) S223–S230
- Xu, J.F., see Shi, H. (S2) S615–S623
- Xu, L., M. Yang, L. Ye and Z. Dong, Computational fluid dynamics analysis and PIV validation of a bionic vortex flow pulsatile LVAD (S2) S443–S451
- Xu, Y., see Chen, D. (S2) S577–S586
- Yamaguchi, Y., T. Miyashita, K. Toki, S. Takaki and T. Goto, Impalement oral injury: Ultrasonic scalpel is the best tool to cut off a toothbrush (5) 685– 690
- Yan, G., see Liu, G. (S2) S239–S247
- Yan, J. and G. Bin, Research on an anti-motion interference algorithm of blood oxygen saturation based on AC and DC analysis (S2) S285–S291
- Yan, J., see Liu, Y. (S1) S89– S93
- Yan, J., see Niu, Y. (S1) S105–S108
- Yan, Z., see Lu, W. (6) 699– 713
- Yang, B., see Gao, C. (S2) S269–S276
- Yang, B., see Shao, Z.-Y. (S1) S133–S137
- Yang, F. and Q. Yang, Model for the spread of SIS epidemic based on evolution game (S1) S71– S75
- Yang, F., Q. Yang, X. Liu and P. Wang, SIS evolutionary game model and multi-agent simulation of an infectious disease emergency (S2) S603–S613
- Yang, L., J. Sui and H. Shi, Control modeling and Chinese acupuncture treatment on cerebral circulation (S1) S77– S82
- Yang, L., see Sui, J. (S1) S83– S88
- Yang, M., see Xu, L. (S2) S443–S451
- Yang, P., Y. Peng, H. Zhao, H. Luo, Y. Jin and Y. He, Can continuous scans in orthogonal planes improve diagnostic performance of shear wave elastography for breast lesions? (S2) S293–S300
- Yang, Q., see Yang, F. (S1) S71– S75
- Yang, Q., see Yang, F. (S2) S603–S613
- Yang, S., see Yin, H. (S2) S501–S510
- Yang, X., G. Zhao, D. Liu, W. Zhou and H. Zhao, Biomechanics analysis of human walking with load carriage (S2) S567–S575
- Yang, X., see Cai, Y. (3) 299– 305
- Yang, X., see Jiang, F. (S2) S481–S487

Yao, J., see Cai, Y.	(3)	299– 305
Yao, S., see Wang, G.	(S1)	S21– S27
Yao, S., see Wang, G.	(S1)	S29– S36
Yap, Z.-H., see Choo, K.-Y.	(S2)	S435–S442
Ye, J., see Song, T.	(S2)	S495–S500
Ye, L., see Xu, L.	(S2)	S443–S451
Yeom, D.-I., see Jung, G.-I.	(S2)	S535–S541
Yin, H., S. Yang, X. Zhu, S. Ma and L. Chen, Symbolic representation based on trend features for biomedical data classification	(S2)	S501–S510
Yokota, O., see Nagao, M.	(6)	715– 727
Yoo, I.R., see Choi, W.H.	(S2)	S311–S318
Yoshida, Y., see Anzai, H.	(5)	547– 556
Yu, B., C. Zhang, C. Qin and H. Yuan, FE modeling and analysis of L4-L5 lumbar segment under physiological loadings	(S2)	S383–S396
Yu, C.-H., T.-K. Kwon, C.H. Park, M. Ohta and S.H. Kim, Comparative analysis for evaluating the traceability of interventional devices using blood vessel phantom models made of PVA-H or silicone	(S2)	S301–S310
Yu, L., see Peng, Y.	(5)	667– 673
Yu, M., see Song, T.	(S2)	S495–S500
Yu, M., see Xiang, H.	(S2)	S419–S426
Yu, T.-C., see Qi, B.-C.	(5)	653– 658
Yuan, H., see Yu, B.	(S2)	S383–S396
Yuan, X., see Qin, X.	(S2)	S325–S333
Zapf, A., see Schröder, M.	(2)	215– 221
Zeckey, C., K. Wendt, P. Mommsen, M. Winkelmann, C. Frömke, J. Weidemann, T. Stübig, C. Krettek and F. Hildebrand, Kinetic therapy in multiple trauma patients with severe blunt chest trauma: An analysis at a level-1 trauma center	(1)	63– 73
Zhan, W., see Liu, J.	(S2)	S263–S268
Zhang, C., see Yu, B.	(S2)	S383–S396
Zhang, G., see Ge, J.	(S1)	S151–S155
Zhang, H., see Lin, L.	(S2)	S453–S463
Zhang, J., H. Li, L. Lv, X. Shi and Y. Zhang, Computer-aided King classification of scoliosis	(S2)	S411–S417
Zhang, K., X. Wang, F. Han and H. Zhao, The detection of crackles based on mathematical morphology in spectrogram analysis	(S2)	S489–S494
Zhang, L., see Xu, C.	(S1)	S61– S70
Zhang, L.M., see Li, A.P.	(S1)	S37– S42
Zhang, M.W.B., R.C.M. Ho and S. Sockalingam, Methodology of development of a Delirium clinical application and initial feasibility results	(4)	411– 417
Zhang, M.W.B., R.C.M. Ho, R. Hawa and S. Sockalingam, Pilot implementation and user preferences of a Bariatric After-care application	(6)	729– 736
Zhang, M.W.B., R.C.M. Ho, S.E. Cassin, R. Hawa and S. Sockalingam, Online and smartphone based cognitive behavioral therapy for bariatric surgery patients: Initial pilot study	(6)	737– 744

- Zhang, Q., see Ji, X. (S1) S109–S117
- Zhang, Q., see Li, H. (S2) S343–S353
- Zhang, W.-Z., see Shao, Z.-Y. (S1) S133–S137
- Zhang, X., see Liu, J. (S2) S263–S268
- Zhang, Y., S. Liu, Z. Zhu and S. Si, Agent-based intelligent medical diagnosis system for patients (S2) S397–S410
- Zhang, Y., see Jian, L. (S1) S99–S103
- Zhang, Y., see Zhang, J. (S2) S411–S417
- Zhao, D., see Song, T. (S2) S495–S500
- Zhao, G., see Yang, X. (S2) S567–S575
- Zhao, H., see Yang, P. (S2) S293–S300
- Zhao, H., see Yang, X. (S2) S567–S575
- Zhao, H., see Zhang, K. (S2) S489–S494
- Zhao, J., see Chen, Y. (S2) S197–S202
- Zhao, J., see Fan, J. (S2) S231–S238
- Zhao, S., see Liu, G. (S2) S239–S247
- Zhao, Y., see Qi, B.-C. (5) 653–658
- Zhao, Y., see Shao, Z.-Y. (S1) S133–S137
- Zhong, H., see Xu, B. (S1) S43–S48
- Zhong, J., see Fan, J. (S2) S231–S238
- Zhong, N., see Li, M. (S2) S593–S601
- Zhou, H.Y., J. Li, D.-C. Zuo, K.-M. Hou and C. de Vaulx, A piecewise geometric analysis method for real-time ambulatory ECG detection (S2) S335–S342
- Zhou, M., see Liu, J. (S2) S263–S268
- Zhou, W., see Yang, X. (S2) S567–S575
- Zhou, Y., see Cao, L. (S2) S427–S433
- Zhou, Y., see Liu, S. (S2) S587–S592
- Zhu, M., see Wang, G. (S1) S29–S36
- Zhu, X., see Yin, H. (S2) S501–S510
- Zhu, Y., see Chen, Y. (S2) S197–S202
- Zhu, Y., see Fan, J. (S2) S231–S238
- Zhu, Z., see Zhang, Y. (S2) S397–S410
- Zhuang, D., see Wu, X. (S2) S373–S381
- Zhuge, L., D. Shu, M. Xia, D. Gao, D. Lu, N. Huang, X. Tian, L. An, S. Li and S. Li, The assessment on impact of essential drugs policy on primary health care system in rural areas of Shandong Province policy and regulation division of the Health Department of Shandong Province (S1) S169–S176
- Zhuo, Z., see Wu, Z. (S2) S203–S209
- Zilinyi, R., see Mitrasinovic, S. (4) 381–401
- Zirke, S., see Teske, W. (3) 343–350
- Zirke, S., see Teske, W. (5) 645–652
- Zoremba, M., see Kratz, T. (3) 313–322
- Zuo, D.-C., see Zhou, H.Y. (S2) S335–S342
- Zuo, T., see Wang, G. (S1) S29–S36