

## Author Index Volume 34 (2006)

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

- Abe, T., see Itoh, Y. (1,2) 163–168  
Ahn, K.H., see Lee, S.S. (4) 475–481  
Akiba, Y., see Han, J.-Y. (1,2) 145–150  
Amato, C., see Ferrara, F. (3) 421–426  
Amatyakul, S., D. Chakraphan, S. Chotipaibulpan and S. Patumraj, Role of exercise training on pulpal blood flow in diabetic rats (1,2) 295–301  
Amodeo, G., see Ferrara, F. (3) 421–426  
An, W., see Sun, B.-L. (1,2) 241–246  
Antaki, J.F., see Lee, S.S. (4) 475–481  
Asada, M., see Nakamura, M. (1,2) 193–199  
Asano, M., Reminiscences of microcirculatory studies on application of acupuncture needles to the rabbit *in vivo* (1,2) 89– 96  
Bac, V.H., see Lehmann, Ch. (3) 427–438  
Bai, Y., see Ning, G. (1,2) 363–371  
Bakker, E.N.T.P., see VanBavel, E. (1,2) 35 – 41  
Bedke, J., see Penkalla, R. (4) 519–528  
Bhattarakosol, P., see Yoysungnoen, P. (1,2) 109–115  
Biesiada, G., J. Krzemień, J. Czepiel, A. Teległów, Z. Dąbrowski, K. Spodaryk and T. Mach, Rheological properties of erythrocytes in patients suffering from erysipelas. Examination with LORCA device (3) 383–390  
Bogar, L. and P. Tarsoly, Gravity sedimentation of leukocytes is partially independent from erythrocyte sedimentation (3) 439–445  
Brimble, K.S., A. McFarlane, N. Winegard, M. Crowther and D.N. Churchill, Effect of chronic kidney disease on red blood cell rheology (3) 411–420  
Bunnag, S.C., Implications of microcirculation-research based information on prevention and treatment of diabetes mellitus type 2: A perspective (1,2) 43 – 50  
Butthep, P., see Futrakul, N. (1,2) 265–271  
Butthep, P., see Futrakul, N. (3) 373–381  
Caimi, G., see Ferrara, F. (3) 421–426  
Chaivatanarat, T., see Futrakul, N. (3) 373–381  
Chaiyabutr, N., see Yusuksawad, M.S. (3) 391–399  
Chakraphan, D., see Amatyakul, S. (1,2) 295–301  
Chakraphan, D., see Sridulyakul, P. (1,2) 315–321  
Chanawirat, A., S. Khemapech, S. Patumraj and P. Siriviriyakul, Genistein replacement therapy on endothelial dysfunction and bone loss in bilateral ovariectomized rats (1,2) 309–314  
Chen, P.C., see Cheung, A.T. (1,2) 325–334  
Chen, X., see Xing, J.-J. (4) 507–517

- Chen, Y.-D., see Li, Y. (1,2) 213–219  
 Chen, Y.-S., see Sun, B.-L. (1,2) 227–232  
 Cheung, A.T., P.L. Duong, B. Driessen, P.C. Chen, J.S. Jahr and R.A. Gunther, Systemic function, oxygenation and microvascular correlation during treatment of hemorrhagic shock with blood substitutes (1,2) 325–334  
 Chotipaibulpan, S., see Amatyakul, S. (1,2) 295–301  
 Churchill, D.N., see Brimble, K.S. (3) 411–420  
 Cicha, I., see Maeda, N. (1,2) 341–346  
 Clevert, D.-A., see Jung, E.M. (4) 483–497  
 Crowther, M., see Brimble, K.S. (3) 411–420  
 Czepiel, J., see Biesiada, G. (3) 383–390  
 Dąbrowski, Z., see Biesiada, G. (3) 383–390  
 Davis, M.J., see Hill, M.A. (1,2) 67– 79  
 Ding, S.Y., see Tigno, X.T. (1,2) 273–282  
 Dobbe, J.G., see Lee, S.S. (4) 475–481  
 Driessen, B., see Cheung, A.T. (1,2) 325–334  
 Duong, P.L., see Cheung, A.T. (1,2) 325–334  
 Fan, J.-Y., see Sun, K. (1,2) 103–108  
 Fan, J.-Y., see Wang, F. (1,2) 131–138  
 Ferrara, F., S. Novo, S. Grimaudo, F. Raimondi, F. Meli, C. Amato, G. Amodeo, R. Lo Presti and G. Caimi, Methylenetetrahydrofolate reductase mutation in subjects with abdominal aortic aneurysm subdivided for age (3) 421–426  
 Feyerherd, F., see Lehmann, Ch. (3) 427–438  
 Fu, P., C. Wang and R. Xiu, Serum C-reactive protein and soluble angiopoietin receptor Tie-2 in patients with acute myocardial infarction and its detection by optical proteinchip (1,2) 169–175  
 Futrakul, N., P. Butthep, S. Patumraj, P. Siriviriyakul and P. Futrakul, Microvascular disease and endothelial dysfunction in chronic kidney diseases: Therapeutic implication (1,2) 265–271  
 Futrakul, N., P. Butthep, V. Vongthavarawat, P. Futrakul, S. Sirisalipoch, T. Chaivatanarat and S. Suwanwalaikorn, Early detection of endothelial injury and dysfunction in conjunction with correction of hemodynamic maladjustment can effectively restore renal function in type 2 diabetic nephropathy (3) 373–381  
 Futrakul, P., see Futrakul, N. (1,2) 265–271  
 Futrakul, P., see Futrakul, N. (3) 373–381  
 Gao, H.-K., see Li, Y. (1,2) 213–219  
 Grimaudo, S., see Ferrara, F. (3) 421–426  
 Gründling, M., see Lehmann, Ch. (3) 427–438  
 Guenther, P., see Kessler, U. (3) 447–452  
 Gunther, R.A., see Cheung, A.T. (1,2) 325–334  
 Guo, J., see Sun, K. (1,2) 103–108  
 Guo, J., see Wang, F. (1,2) 131–138  
 Haase, H., see Lehmann, Ch. (3) 427–438  
 Halim, A.S., see Yvonne-Tee, G.B. (4) 457–473  
 Han, J.-Y., Y. Horie, D. Li, Y. Akiba, H. Nagata, S. Miura, M. Oda, H. Ishii and T. Hibi, Attenuating effect of *Myakuryu* on mesenteric microcirculatory disorders induced by ischemia and reperfusion (1,2) 145–150  
 Han, J.-Y., see Niimi, H. (1,2) 85– 88

- Han, J.-Y., see Oda, M. (1,2) 11– 26  
 Han, J.-Y., see Sun, K. (1,2) 103–108  
 Han, J.-Y., see Wang, F. (1,2) 131–138  
 Hansen, B.C., see Tigno, X.T. (1,2) 273–282  
 Hao, F., see Xia, Z.-L. (1,2) 207–211  
 Hardeman, M.R., see Lee, S.S. (4) 475–481  
 Hatskelzon, L., see Pribush, A. (4) 529–536  
 He, J.-G., see Sun, K. (1,2) 103–108  
 Heidecke, C.-D., see Lehmann, Ch. (3) 427–438  
 Hemmerlein, B., see Penkalla, R. (4) 519–528  
 Heuser, M., see Penkalla, R. (4) 519–528  
 Hibi, N., see Nakamura, M. (1,2) 193–199  
 Hibi, T., see Han, J.-Y. (1,2) 145–150  
 Hill, M.A., M.J. Davis, G.A. Meininger, S.J. Potocnik and T.V. Murphy, Arteriolar myogenic signalling mechanisms: Implications for local vascular function (1,2) 67– 79  
 Horie, Y., see Han, J.-Y. (1,2) 145–150  
 Hosaka, K., see van Helden, D.F. (1,2) 59– 66  
 Hu, D.-M., see Sun, B.-L. (1,2) 117–124  
 Hu, T.-Z., see Li, Y. (1,2) 213–219  
 Huxley, V.H., see Sasaki, R. (1,2) 259–263  
 Imtiaz, M.S., see van Helden, D.F. (1,2) 59– 66  
 Inoue, J., see Nakamura, M. (1,2) 193–199  
 Ishii, H., see Han, J.-Y. (1,2) 145–150  
 Ishiyama, N., see Seki, K. (3) 401–410  
 Itoh, Y., R. Takaoka, M. Ohira, T. Abe, N. Tanahashi and N. Suzuki, Reactive oxygen species generated by mitochondrial injury in human brain microvessel endothelial cells (1,2) 163–168  
 Jackson, C.J., see Xue, M. (1,2) 153–161  
 Jahr, J.S., see Cheung, A.T. (1,2) 325–334  
 Jariyapongskul, A., S. Pathumraj and H. Niimi, Effects of *Yahom* on the regional cerebral blood flow in rat using fluorescence videomicroscopy (1,2) 139–144  
 Jariyapongskul, A., T. Rungjaroen, N. Kasetsuwan, S. Pathumraj and H. Niimi, Chronic changes of the iris microvasculature of streptozotocin-induced diabetic rats using fluorescence videomicroscopy (1,2) 283–293  
 Jiang, Y., see Xing, J.-J. (4) 507–517  
 Jung, E.M., R. Kubale, K.-P. Jungius, W. Jung, M. Lenhart and D.-A. Clevert, Vascularization of liver tumors – Preliminary results with Coded Harmonic Angio (CHA), phase inversion imaging, 3D power Doppler and contrast medium-enhanced B-flow with second generation contrast agent (Optison®) (4) 483–497  
 Jung, W., see Jung, E.M. (4) 483–497  
 Jünger, M., see Lehmann, Ch. (3) 427–438  
 Jungius, K.-P., see Jung, E.M. (4) 483–497  
 Kahler, E., see Penkalla, R. (4) 519–528  
 Kaihatsu, T., see Minamiyama, M. (1,2) 125–129  
 Kajiya, F., see Yada, T. (1,2) 177–183  
 Kasetsuwan, N., see Jariyapongskul, A. (1,2) 283–293  
 Katorza, E., see Pribush, A. (4) 529–536

- Kessler, U., P. Guenther and Z. Zachariou, The relationship between coagulation and the extend of surgery and postoperative infection in surgical infants below 6 months of age (3) 447–452
- Khemapech, S., see Chanawirat, A. (1,2) 309–314
- Khemapech, S., see Siriviriyakul, P. (1,2) 97–101
- Kim, N.J., see Lee, S.S. (4) 475–481
- Kobielski, A., see Wiewiora, M. (4) 499–506
- Komai, Y., see Niimi, H. (1,2) 247–255
- Krzemień, J., see Biesiada, G. (3) 383–390
- Ku, Y.H., see Shin, S. (1,2) 353–361
- Kubale, R., see Jung, E.M. (4) 483–497
- Lee, S.J., see Lee, S.S. (4) 475–481
- Lee, S.S., N.J. Kim, K. Sun, J.G. Dobbe, M.R. Hardeman, J.F. Antaki, K.H. Ahn and S.J. Lee, Association between arterial stiffness and the deformability of red blood cells (RBCs) (4) 475–481
- Lehmann, Ch., V.H. Bac, D. Pavlovic, M. Lustig, S. Maier, F. Feyerherd, T.I. Usichenko, K. Meissner, H. Haase, M. Jünger, M. Wendt, C.-D. Heidecke and M. Gründling, Metronidazole improves intestinal microcirculation in septic rats independently of bacterial burden (3) 427–438
- Lenhart, M., see Jung, E.M. (4) 483–497
- Li, D., see Han, J.-Y. (1,2) 145–150
- Li, H., see Luo, Z. (1,2) 185–192
- Li, H., see Su, Y. (1,2) 201–206
- Li, H.-G., see Li, Y. (1,2) 213–219
- Li, W.-X., see Sun, B.-L. (1,2) 227–232
- Li, W.-X., see Sun, B.-L. (1,2) 241–246
- Li, Y., Z.-G. Zhou, J. Zhang, Y.-D. Chen, H.-G. Li, H.-K. Gao, R. Wang and T.-Z. Hu, Microcirculatory detection of Toll-like receptor 4 in rat pancreas and intestine (1,2) 213–219
- Liu, L.-Y., see Sun, K. (1,2) 103–108
- Liu, L.-Y., see Wang, F. (1,2) 131–138
- Liu, Y.-Y., see Sun, K. (1,2) 103–108
- Liu, Y.-Y., see Wang, F. (1,2) 131–138
- Lo Presti, R., see Ferrara, F. (3) 421–426
- Luo, Z., H. Li, J. Zhang, H. Zhang and R. Xiu, Effects of human connective tissue growth factor gene transfection on migration of human umbilical vein endothelial cell (1,2) 185–192
- Lustig, M., see Lehmann, Ch. (3) 427–438
- Mach, T., see Biesiada, G. (3) 383–390
- Maeda, N., I. Cicha, N. Tateishi and Y. Suzuki, Triglyceride in plasma: Prospective effects on microcirculatory functions (1,2) 341–346
- Maier, S., see Lehmann, Ch. (3) 427–438
- March, L., see Xue, M. (1,2) 153–161
- Matsui, H., see Nakamura, M. (1,2) 193–199
- Mazor, D., see Pribush, A. (4) 529–536
- McCuskey, R.S., Sinusoidal endothelial cells as an early target for hepatic toxicants (1,2) 5–10
- McFarlane, A., see Brimble, K.S. (3) 411–420
- Meininger, G.A., see Hill, M.A. (1,2) 67–79
- Meissner, K., see Lehmann, Ch. (3) 427–438
- Meli, F., see Ferrara, F. (3) 421–426
- Meyerstein, N., see Pribush, A. (4) 529–536

- Minamiyama, M., T. Minato, A. Yamamoto, T. Kaihatsu and K. Tsunoda, Effects of carpronium chloride on the microvascular blood flow in rat mesentery using intravital videomicroscopy (1,2) 125–129
- Minato, T., see Minamiyama, M.
- Miura, S., see Han, J.-Y.
- Monsiri, K., see Siriviriyakul, P.
- Murakami, M., see Seki, K.
- Murphy, T.V., see Hill, M.A. (1,2) 145–150
- Nagai, T., see Osada, T. (1,2) 97–101
- Nagata, H., see Han, J.-Y. (3) 401–410
- Nakamura, M., M. Asada, H. Matsui, N. Hibi, K. Tsuchimoto, J. Inoue and M. Oda, Increased microvascular permeability in early stage of dextran sulfate sodium-induced colitis: Its interaction with lansoprazole binding sites (1,2) 223–226
- Nara, M., see Seki, K. (1,2) 145–150
- Niimi, H., Y. Komai, S. Yamaguchi and J. Seki, Microembolic flow disturbances in the cerebral microvasculature with an arcadal network: A numerical simulation (1,2) 193–199
- Niimi, H., S. Patumraj and J.-Y. Han, Asian traditional medicine (ATM): Recent progress based on scientific evidences (3) 401–410
- Niimi, H., see Jariyapongskul, A. (1,2) 247–255
- Niimi, H., see Jariyapongskul, A. (1,2) 85– 88
- Niimi, H., see Jariyapongskul, A. (1,2) 139–144
- Niimi, H., see Oda, M. (1,2) 283–293
- Niimi, H., see Oda, M. (1,2) 1– 2
- Niimi, H., see Yoysungnoen, P. (1,2) 109–115
- Ning, G., Y. Bai, W. Yan and X. Zheng, Investigation of beat-to-beat cardiovascular activity of rats by radio telemetry (1,2) 363–371
- Ning, G., see Zheng, X. (1,2) 347–352
- Nishino, M., see Seki, K. (3) 401–410
- Niu, J.-Z., see Sun, B.-L. (1,2) 117–124
- Novo, S., see Ferrara, F. (3) 421–426
- Oda, M., N. Tanahashi and H. Niimi, Preface (1,2) 1– 2
- Oda, M., H. Yokomori and J.-Y. Han, Regulatory mechanisms of hepatic microcirculatory hemodynamics: Hepatic arterial system (1,2) 11– 26
- Oda, M., see Han, J.-Y. (1,2) 145–150
- Oda, M., see Nakamura, M. (1,2) 193–199
- Ohira, M., see Itoh, Y. (1,2) 163–168
- Ohkubo, C., see Okano, H. (1,2) 303–308
- Ohshima, N., Engineering approaches to the microcirculation studies (1,2) 27– 34
- Okano, H. and C. Ohkubo, Elevated plasma nitric oxide metabolites in hypertension: Synergistic vasodepressor effects of a static magnetic field and nicardipine in spontaneously hypertensive rats (1,2) 303–308
- Ooi, Y., see Seki, J. (1,2) 233–239
- Osada, T., M. Tomita, N. Tanahashi, H. Takeda, T. Nagai and N. Suzuki, Astroglial swelling for removed rat brain enlargement incubated in deoxygenated mock cerebrospinal fluid (1,2) 223–226
- Osada, T., see Tomita., M. (1,2) 51– 57
- Pardela, M., see Wiewiora, M. (4) 499–506
- Park, M.S., see Shin, S. (1,2) 353–361
- Pathumraj, S., see Jariyapongskul, A. (1,2) 139–144
- Pathumraj, S., see Jariyapongskul, A. (1,2) 283–293
- Patumraj, S., see Amatyakul, S. (1,2) 295–301

- Patumraj, S., see Chanawirat, A. (1,2) 309–314  
 Patumraj, S., see Futrakul, N. (1,2) 265–271  
 Patumraj, S., see Niimi, H. (1,2) 85–88  
 Patumraj, S., see Siriviriyakul, P. (1,2) 97–101  
 Patumraj, S., see Sridulyakul, P. (1,2) 315–321  
 Patumraj, S., see Yoysungnoen, P. (1,2) 109–115  
 Pavlovic, D., see Lehmann, Ch. (3) 427–438
- Penkalla, R., J. Bedke, B. Hemmerlein, E. Kahler, A. Strauss, G.M. Zöller and M. Heuser, Changes of microvascular perfusion during acute ureteral obstruction in the rat kidney – The influence of gastrin releasing peptide (4) 519–528
- Pistea, A., see VanBavel, E. (1,2) 35–41
- Potocnik, S.J., see Hill, M.A. (1,2) 67–79
- Pribush, A., L. Hatskelzon, D. Mazor, E. Katorza, D. Zilberman-Kravits and N. Meyerstein, The role of erythrocyte aggregation in the abnormal hemorheology of multiple myeloma patients (4) 529–536
- Rahman, A.R.A., see Yvonne-Tee, G.B. (4) 457–473  
 Raimondi, F., see Ferrara, F. (3) 421–426  
 Rasool, A.H.G., see Yvonne-Tee, G.B. (4) 457–473  
 Rungjaroen, T., see Jariyapongskul, A. (1,2) 283–293
- Sakai, H. and E. Tsuchida, Performances of PEG-modified hemoglobin-vesicles as artificial oxygen carriers in microcirculation (1,2) 335–340  
 Sambrook, P.N., see Xue, M. (1,2) 153–161
- Sasaki, R., S.P. Whitt and V.H. Huxley, Permeability response of the rat mesenteric microvasculature to insulin (1,2) 259–263  
 Satomura, Y., see Seki, J. (1,2) 233–239  
 Schiszler, I., see Tomita, M. (1,2) 51–57  
 Seiyama, A., see Seki, J. (1,2) 233–239
- Seki, J., Y. Satomura, Y. Ooi, T. Yanagida and A. Seiyama, Velocity profiles in the rat cerebral microvessels measured by optical coherence tomography (1,2) 233–239  
 Seki, J., see Niimi, H. (1,2) 247–255
- Seki, K., H. Sumino, M. Nara, N. Ishiyama, M. Nishino and M. Murakami, Relationships between blood rheology and age, body mass index, blood cell count, fibrinogen, and lipids in healthy subjects (3) 401–410  
 Shimokawa, H., see Yada, T. (1,2) 177–183
- Shin, S., M.S. Park, Y.H. Ku and J.S. Suh, Shear-dependent aggregation characteristics of red blood cells in a pressure-driven microfluidic channel (1,2) 353–361  
 Sirisalipoch, S., see Futrakul, N. (3) 373–381
- Siriviriyakul, P., S. Khemapech, K. Monsiri and S. Patumraj, The vascular effect of genistein: What is its mechanism, nitric oxide or PGI<sub>2</sub>? (1,2) 97–101  
 Siriviriyakul, P., see Chanawirat, A. (1,2) 309–314  
 Siriviriyakul, P., see Futrakul, N. (1,2) 265–271  
 Slowinska, L., see Wiewiora, M. (4) 499–506  
 Song, X.-J., see Xia, Z.-L. (1,2) 207–211  
 Sorop, O., see VanBavel, E. (1,2) 35–41  
 Spaan, J.A.E., see VanBavel, E. (1,2) 35–41  
 Spodaryk, K., see Biesiada, G. (3) 383–390

- Sridulyakul, P., D. Chakraphan and S. Patumraj, Vitamin C supplementation could reverse diabetes-induced endothelial cell dysfunction in mesenteric microcirculation in STZ-rats (1,2) 315–321  
 Strauss, A., see Penkalla, R. (4) 519–528
- Su, Y., H. Li, J. Zhang and R. Xiu, Down-regulation of hepatocyte growth factor mRNA in rat cardiac myocytes under hypoxia mimicked by cobalt chloride (1,2) 201–206
- Suh, J.S., see Shin, S. (1,2) 353–361
- Sumino, H., see Seki, K. (3) 401–410
- Sun, B.-L., W. An, Z.-L. Xia, C.-B. Zheng, W.-X. Li, M.-F. Yang, T. Zhao and W.-J. Ye, Zinc protoporphyrin aggravates cerebral ischemic injury following experimental subarachnoid hemorrhage (1,2) 241–246
- Sun, B.-L., Z.-L. Xia, D.-M. Hu, J.-Z. Niu, H. Yuan, W.-J. Ye, X.-C. Wang and S.-M. Zhang, Expression of the receptors of VEGF and the influence of extract of *Ginkgo biloba* after cisternal injection of autologous arterial hemolysate in rats (1,2) 117–124
- Sun, B.-L., Z.-L. Xia, J.-R. Wang, H. Yuan, W.-X. Li, Y.-S. Chen, M.-F. Yang and S.-M. Zhang, Effects of blockade of cerebral lymphatic drainage on regional cerebral blood flow and brain edema after subarachnoid hemorrhage (1,2) 227–232
- Sun, B.-L., see Xia, Z.-L. (1,2) 207–211
- Sun, K., C.-S. Wang, J. Guo, Y.-Y. Liu, F. Wang, L.-Y. Liu, J.-G. He, J.-Y. Fan and J.-Y. Han, Effect of *Panax notoginseng* saponins on lipopolysaccharide-induced adhesion of leukocytes in rat mesenteric venules (1,2) 103–108
- Sun, K., see Lee, S.S. (4) 475–481
- Sun, K., see Wang, F. (1,2) 131–138
- Suwanwalaikorn, S., see Futrakul, N. (3) 373–381
- Suzuki, N., see Itoh, Y. (1,2) 163–168
- Suzuki, N., see Osada, T. (1,2) 223–226
- Suzuki, N., see Tomita., M. (1,2) 51– 57
- Suzuki, Y., see Maeda, N. (1,2) 341–346
- Takaoka, R., see Itoh, Y. (1,2) 163–168
- Takeda, H., see Osada, T. (1,2) 223–226
- Takeda, H., see Tomita., M. (1,2) 51– 57
- Tanahashi, N., see Itoh, Y. (1,2) 163–168
- Tanahashi, N., see Oda, M. (1,2) 1– 2
- Tanahashi, N., see Osada, T. (1,2) 223–226
- Tanahashi, N., see Tomita., M. (1,2) 51– 57
- Tarsoly, P., see Bogar, L. (3) 439–445
- Tateishi, N., see Maeda, N. (1,2) 341–346
- Teległów, A., see Biesiada, G. (3) 383–390
- Thompson, P., see Xue, M. (1,2) 153–161
- Tigno, X.T., S.Y. Ding and B.C. Hansen, Paradoxical increase in dermal microvascular flow in pre-diabetes associated with elevated levels of CRP (1,2) 273–282
- Tomita, M., see Osada, T. (1,2) 223–226
- Tomita., M., N. Tanahashi, H. Takeda, I. Schiszler, T. Osada, M. Unekawa and N. Suzuki, Capillo-venous flow in the brain: Significance of intravascular RBC aggregation for venous flow regulation (1,2) 51– 57
- Tsuchida, E., see Sakai, H. (1,2) 335–340
- Tsuchimoto, K., see Nakamura, M. (1,2) 193–199
- Tsunoda, K., see Minamiyama, M. (1,2) 125–129
- Tu, P.-F., see Xing, J.-J. (4) 507–517

- Unekawa, M., see Tomita., M. (1,2) 51– 57  
 Usichenko, T.I., see Lehmann, Ch. (3) 427–438
- VanBavel, E., E.N.T.P. Bakker, A. Pista, O. Sorop and J.A.E. Spaan, Mechanics of microvascular remodeling (1,2) 35– 41  
 van Helden, D.F., K. Hosaka and M.S. Imtiaz, Rhythmicity in the microcirculation (1,2) 59– 66  
 Vongthavarawat, V., see Futrakul, N. (3) 373–381
- Wang, C., see Fu, P. (1,2) 169–175  
 Wang, C.-S., see Sun, K. (1,2) 103–108  
 Wang, C.-S., see Wang, F. (1,2) 131–138  
 Wang, F., Y.-Y. Liu, L.-Y. Liu, J. Guo, K. Sun, C.-S. Wang, J.-Y. Fan and J.-Y. Han, Inhibition effect of cardiotonic pills on venous thrombosis induced in rat mesentery by photochemical reaction (1,2) 131–138  
 Wang, F., see Sun, K.  
 Wang, J.-R., see Sun, B.-L.  
 Wang, R., see Li, Y.  
 Wang, X.-C., see Sun, B.-L.  
 Wendt, M., see Lehmann, Ch.  
 Whitt, S.P., see Sasaki, R. (1,2) 259–263
- Wiewiora, M., L. Slowinska, M. Wylezol, M. Pardela and A. Kobielski, Rheological properties of erythrocytes in patients suffering from morbid obesity. Examination with LORCA device (4) 499–506  
 Winegard, N., see Brimble, K.S. (3) 411–420  
 Wirachwong, P., see Yoysungnoen, P. (1,2) 109–115  
 Wylezol, M., see Wiewiora, M. (4) 499–506
- Xia, Z.-L., B.-L. Sun, Y.-H. Zheng, M.-F. Yang, X.-J. Song, F. Hao, X.-M. Zhao and C.-Q. Xu, Changes of nitric oxide, oxide free radicals, and systolic arterial blood pressure in rats with experimental lymphatostatic encephalopathy (1,2) 207–211  
 Xia, Z.-L., see Sun, B.-L.  
 Xia, Z.-L., see Sun, B.-L.  
 Xia, Z.-L., see Sun, B.-L.  
 Xing, J.-J., X. Chen, P.-F. Tu, Y. Jiang and J.-Y. Zhao, Effects of salvianolic acids on erythrocyte deformability in oleic acid induced acute lung injury in rabbits (4) 507–517  
 Xiu, R., Microvasculature: The key target for proteomics (1,2) 81– 82  
 Xiu, R., see Fu, P.  
 Xiu, R., see Luo, Z.  
 Xiu, R., see Su, Y.  
 Xu, C.-Q., see Xia, Z.-L.  
 Xue, M., P. Thompson, P.N. Sambrook, L. March and C.J. Jackson, Activated protein C stimulates expression of angiogenic factors in human skin cells, angiogenesis in the chick embryo and cutaneous wound healing in rodents (1,2) 153–161
- Yada, T., H. Shimokawa and F. Kajiyama, Cardioprotective effect of hydroxyfasudil as a specific Rho-kinase inhibitor, on ischemia–reperfusion injury in canine coronary microvessels *in vivo* (1,2) 177–183  
 Yamaguchi, S., see Niimi, H. (1,2) 247–255  
 Yamamoto, A., see Minamiyama, M. (1,2) 125–129  
 Yan, W., see Ning, G. (1,2) 363–371  
 Yanagida, T., see Seki, J. (1,2) 233–239  
 Yang, M.-F., see Sun, B.-L. (1,2) 227–232

- Yang, M.-F., see Sun, B.-L. (1,2) 241–246  
 Yang, M.-F., see Xia, Z.-L. (1,2) 207–211  
 Yang, Y., see Zheng, X. (1,2) 347–352  
 Ye, W.-J., see Sun, B.-L. (1,2) 117–124  
 Ye, W.-J., see Sun, B.-L. (1,2) 241–246  
 Yokomori, H., see Oda, M. (1,2) 11–26
- Yoysungnoen, P., P. Wirachwong, P. Bhattacharay, H. Niimi and S. Patumraj, Effects of curcumin on tumor angiogenesis and biomarkers, COX-2 and VEGF, in hepatocellular carcinoma cell-implanted nude mice (1,2) 109–115  
 Yuan, H., see Sun, B.-L. (1,2) 117–124  
 Yuan, H., see Sun, B.-L. (1,2) 227–232
- Yusuksawad, M.S. and N. Chaiyabutr, Changes in renal hemodynamics in streptozotocin-induced diabetic rats with L-ascorbic acid supplementation (3) 391–399
- Yvonne-Tee, G.B., A.H.G. Rasool, A.S. Halim and A.R.A. Rahman, Noninvasive assessment of cutaneous vascular function *in vivo* using capillaroscopy, plethysmography and laser-Doppler instruments: Its strengths and weaknesses (4) 457–473
- Zachariou, Z., see Kessler, U. (3) 447–452  
 Zhang, H., see Luo, Z. (1,2) 185–192  
 Zhang, J., see Li, Y. (1,2) 213–219  
 Zhang, J., see Luo, Z. (1,2) 185–192  
 Zhang, J., see Su, Y. (1,2) 201–206  
 Zhang, S.-M., see Sun, B.-L. (1,2) 117–124  
 Zhang, S.-M., see Sun, B.-L. (1,2) 227–232  
 Zhao, J.-Y., see Xing, J.-J. (4) 507–517  
 Zhao, T., see Sun, B.-L. (1,2) 241–246  
 Zhao, X.-M., see Xia, Z.-L. (1,2) 207–211  
 Zheng, C.-B., see Sun, B.-L. (1,2) 241–246
- Zheng, X., G. Ning and Y. Yang, Study on the technology of nitric oxide (NO) detection *in vitro* and *in vivo* (1,2) 347–352  
 Zheng, X., see Ning, G. (1,2) 363–371  
 Zheng, Y.-H., see Xia, Z.-L. (1,2) 207–211  
 Zhou, Z.-G., see Li, Y. (1,2) 213–219  
 Zilberman-Kravits, D., see Pribush, A. (4) 529–536  
 Zöller, G.M., see Penkalla, R. (4) 519–528