

Author Index

- Acquaviva, R.: *See* Russo, A., 103
 Aguiló, A.: *See* Tauler, P., 665
 Alexander Aguilera, A., Hernández Díaz, G., Lara Barcelata, M., Angulo Guerrero, O., and Oliart Ros, R. M.: Induction of Cd36 expression elicited by fish oil PUFA in spontaneously hypertensive rats, 760
 Allen, K. G.: *See* Perez, M. A., 446
 Anguiano, G. P.: *See* Bargalló, M. V., 139
 Angulo Guerrero, O.: *See* Alexander Aguilera, A., 760
 Appleton, I.: *See* Sutherland, B. A., 291
 Aquilano, K.: *See* De Martino, A., 742
 Arnaud, J.: *See* Rousseau, A.-S., 463
 Arzuaga, X.: *See* Hennig, B., 766
 Audi, N.: *See* Yago, M. D., 242
 Awad, A. B.: *See* Jia, X., 396
- Badger, T. M.: *See* Xiao, R., 626
 Banu, J.: *See* Bhattacharya, A., 789
 Bareford, L. M.: *See* D'Souza, V. M., 821
 Bargalló, M. V., Grau, A. A., Fernández-Larrea, J. d. D., Anguiano, G. P., Segarra, M. C. B., Rovira, M. J. S., Ferré, L. A., and Olivé, M. B.: Moderate red-wine consumption partially prevents body weight gain in rats fed a hyperlipidic diet, 139
 Basu, T.: *See* Field, C. J., 37
 Becker, K. G.: *See* Pie, J.-E., 157
 Beppu, F., Hosokawa, M., Tanaka, L., Kohno, H., Tanaka, T., and Miyashita, K.: Potent inhibitory effect of *trans*9, *trans*11 isomer of conjugated linoleic acid on the growth of human colon cancer cells, 830
 Bhattacharya, A., Banu, J., Rahman, M., Causey, J., and Fernandes, G.: Biological effects of conjugated linoleic acids in health and disease, 789
 Bissonauth, V., Chouinard, Y., Marin, J., Leblanc, N., Richard, D., and Jacques, H.: The effects of t10,c12 CLA isomer compared with c9,t11 CLA isomer on lipid metabolism and body composition in hamsters, 597
- Boissonneault, G. A.: *See* Cervantes-Laurean, D., 531
 Bomser, J. A.: *See* Wang, X., 204
 Bray, T. M.: *See* Lim, Y., 328
 Bruckner, G. G.: *See* Cervantes-Laurean, D., 531
 Bugel, S.: *See* de Pascual-Teresa, S., 257
 Butterfield, D. A.: *See* Calabrese, V., 73
 Butz, D. E., Li, G., and Cook, M. E.: t10,c12 conjugated linoleic acid induces compensatory growth after immune challenge, 735
- Cabello-Moruno, R.: *See* Perona, J. S., 429
 Calabrese, V., Stella, A. M. G., Calvani, M., and Butterfield, D. A.: Acetylcarnitine and cellular stress response: roles in nutritional redox homeostasis and regulation of longevity genes, 73
 Calvani, M.: *See* Calabrese, V., 73
 Campbell, M. J.: *See* Woodside, J. V., 211
 Camporeale, G.: *See* Chew, Y. C., 225
 Cano, M. P.: *See* Sánchez-Moreno, C., 183
 Cao, D., Zhou, C., Sun, L., Xue, R., Xu, J., and Liu, Z.: Chronic administration of ethyl docosahexaenoate reduces gerbil brain eicosanoid productions following ischemia and reperfusion, 234
 Cardile, V.: *See* Russo, A., 103
 Carter, J. A.: *See* Xiao, R., 626
 Cases, N.: *See* Tauler, P., 665
 Cassidy, A.: *See* de Pascual-Teresa, S., 257
 Caudill, M. A.: *See* Hung, J., 728
 Causey, J.: *See* Bhattacharya, A., 789
 Cervantes-Laurean, D., Schramm, D. D., Jacobson, E. L., Halaweish, I., Bruckner, G. G., and Boissonneault, G. A.: Inhibition of advanced glycation end product formation on collagen by rutin and its metabolites, 531
 Chen, H.-W.: *See* Li, C.-C., 707
 Chen, Y.-H.: *See* Yang, H.-T., 45
 Chew, Y. C., Camporeale, G., Kothapalli, N., Sarath, G., and Zemleni, J.: Lysine residues in n-terminal and c-terminal regions of human histone H2A are targets for biotinylation by biotinidase, 225
- Chiba, A.: *See* Nagai, K., 525
 Chicco, A. G.: *See* Lombardo, Y. B., 1
 Chiu, W.-C.: *See* Yang, H.-T., 45
 Cho, H. J.: *See* Jung, J. I., 689
 Cho-Chung, Y. S.: *See* Pie, J.-E., 157
 Choi, H. J.: *See* Jung, J. I., 689
 Choue, R.: *See* Kang, S. A., 419
 Chouinard, Y.: *See* Bissonauth, V., 597
 Chung, H.-J.: *See* Hwang, H. J., 356
 Chung, M. J.: *See* Han, S.-H., 682
 Chung, W.-Y.: *See* Jung, J. I., 689
 Churrua, I.: *See* Simón, E., 126
 Ciriolo, M. R.: *See* De Martino, A., 742
 Clandinin, M. T.: *See* Park, E. J., 337
 Clubbs, E. A.: *See* Wang, X., 204
 Cogger, E. A.: *See* Hung, J., 728
 Contois, J. H.: *See* Torres-Gonzalez, M., 773
 Cook, M. E.: *See* Butz, D. E., 735
 Cordopatis, P.: *See* Kalea, A. Z., 109
 Couillard, C.: *See* Lapointe, A., 645
 Crabb, D. W.: *See* McClintick, J. N., 345
- Das, A. S.: *See* Mukherjee, S., 319
 Das, D.: *See* Mukherjee, S., 319
 Davy, S. R.: *See* Drewel, B. T., 132
 de Ancos, B.: *See* Sánchez-Moreno, C., 183
 De Martino, A., Filomeni, G., Aquilano, K., Ciriolo, M. R., and Rotilio, G.: Effects of water garlic extracts on cell cycle and viability of HepG2 hepatoma cells, 742
 de Pascual-Teresa, S., Hallund, J., Talbot, D., Schroot, J., Williams, C. M., Bugel, S., and Cassidy, A.: Absorption of isoflavones in humans: effects of food matrix and processing, 257
 DeMars, L. C.: *See* Reeves, P. G., 635
 Denholm, E. E.: *See* Woodside, J. V., 211
 Dhar, M. S., Yuan, J. S., Elliott, S. B., and Sommardahl, C.: A type IV p-type ATPase affects insulin-mediated glucose uptake in adipose tissue and skeletal muscle in mice, 811

- Díaz, R. J.: *See* Yago, M. D., 242
- Dirks, A. J., and Leeuwenburgh, C.: Tumor necrosis factor α signaling in skeletal muscle: effects of age and caloric restriction, 501
- Dode, L.: *See* Griffin, J. B., 272
- Drager, K. L.: *See* Field, C. J., 37
- Drewel, B. T., Giraud, D. W., Davy, S. R., and Driskell, J. A.: Less than adequate vitamin E status observed in a group of preschool boys and girls living in the united states, 132
- Driskell, J. A.: *See* Drewel, B. T., 132
- D'Souza, V. M., Bareford, L. M., Ray, A., and Swaan, P. W.: Cytoskeletal scaffolds regulate riboflavin endocytosis and recycling in placental trophoblasts, 821
- du Toit, E. F.: *See* Engelbrecht, A.-M., 265
- Ebine, N.: *See* Jia, X., 396
- Edenberg, H. J.: *See* McClintick, J. N., 345
- Eder, K.: *See* König, B., 410
- Elliott, S. B.: *See* Dhar, M. S., 811
- Endo, K.: *See* Matsumoto, K.-i., 677
- Engelbrecht, A.-M., Esterhuyse, J., du Toit, E. F., Lochner, A., and van Rooyen, J.: p38-MAPK and PKB/akt, possible role players in red palm oil-induced protection of the isolated perfused rat heart?, 265
- Espín, J. C.: *See* Larrosa, M., 611
- Esterhuyse, J.: *See* Engelbrecht, A.-M., 265
- Fan, Y.-M.: *See* Tang, X., 177
- Faure, H.: *See* Rousseau, A.-S., 463
- Ferguson, M.: *See* Xiao, R., 626
- Fernandes, G.: *See* Bhattacharya, A., 789
- Fernandez, M. L.: *See* Torres-Gonzalez, M., 773
- Fernández-Larrea, J. d. D.: *See* Bargalló, M. V., 139
- Fernández-Quintela, A.: *See* Simón, E., 126
- Ferré, L. A.: *See* Bargalló, M. V., 139
- Field, C. J., Van Aerde, A., Drager, K. L., Goruk, S., and Basu, T.: Dietary folate improves age-related decreases in lymphocyte function, 37
- Filomeni, G.: *See* De Martino, A., 742
- Fried, S. K.: *See* Jobgen, W. S., 571
- Fu, W. J.: *See* Jobgen, W. S., 571
- Gao, J.: *See* Tang, X., 177
- Gao, K., Henning, S. M., Niu, Y., Youssefian, A. A., Seeram, N. P., Xu, A., and Heber, D.: The citrus flavonoid naringenin stimulates DNA repair in prostate cancer cells, 89
- Ghiselli, A.: *See* Nardini, M., 14
- Ghosh, D. D.: *See* Hennig, B., 766
- Gianotti, M.: *See* Thomàs-Moyà, E., 197
- Giraud, D. W.: *See* Drewel, B. T., 132
- Goruk, S.: *See* Field, C. J., 37
- Gottschall-Pass, K. T.: *See* Matchett, M. D., 117
- Granado, F.: *See* Sánchez-Moreno, C., 183
- Grantham, R. N.: *See* Lee, D. K., 780
- Grapes, L.: *See* Hittmeier, L. J., 385
- Grau, A. A.: *See* Bargalló, M. V., 139
- Griffin, J. B., Rodriguez-Melendez, R., Dode, L., Wuytack, F., and Zemleni, J.: Biotin supplementation decreases the expression of the *SERCA3* gene (*ATP2A3*) in Jurkat cells, thus, triggering unfolded protein response, 272
- Griffin, J. B.: *See* Rodriguez-Melendez, R., 23
- Gunter, M. J., and Leitzmann, M. F.: Obesity and colorectal cancer: epidemiology, mechanisms and candidate genes, 145
- Guo, W.: *See* Kim, J.-D., 165
- Hadley, M.: *See* Rodriguez de Sotillo, D. V., 63
- Halaweish, I.: *See* Cervantes-Laurean, D., 531
- Hallund, J.: *See* de Pascual-Teresa, S., 257
- Han, S.-H., Chung, M. J., Lee, S.-J., and Rhee, C.: Digestion-resistant fraction from soybean [*Glycine max* (L.) Merrill] induces hepatic LDL receptor and *CYP7A1* expression in apolipoprotein E-deficient mice, 682
- Hansen, R. A.: *See* Perez, M. A., 446
- Harris, M. A.: *See* Perez, M. A., 446
- Hata, H.: *See* Hung, J., 728
- Heber, D.: *See* Gao, K., 89
- Hendriks, W. H.: *See* Matuschek, M. C., 31
- Hennig, B., Lei, W., Arzuaga, X., Ghosh, D. D., Saraswathi, V., and Toborek, M.: Linoleic acid induces proinflammatory events in vascular endothelial cells via activation of PI3K/akt and ERK1/2 signaling, 766
- Henning, S. M.: *See* Gao, K., 89
- Hernández Díaz, G.: *See* Alexander Aguilera, A., 760
- Hinault, C., Van Obberghen, E., and Mothe-Satney, I.: Role of amino acids in insulin signaling in adipocytes and their potential to decrease insulin resistance of adipose tissue, 374
- Hisamatsu, A.: *See* Matsumoto, K.-i., 677
- Hittmeier, L. J., Grapes, L., Lensing, R. L., Rothschild, M. F., and Stahl, C. H.: Genetic background influences metabolic response to dietary phosphorus restriction, 385
- Hoi, J. T.: *See* Manthey, K. C., 250
- Hong, J.-Y.: *See* Hwang, H. J., 356
- Hong, K.: *See* Kang, S. A., 419
- Honour, J. W.: *See* Woodside, J. V., 211
- Hosokawa, M.: *See* Beppu, F., 830
- Huang, H.-Y., Yang, H.-P., Yang, H.-T., Yang, T.-C., Shieh, M.-J., and Huang, S.-Y.: One-year soy isoflavone supplementation prevents early postmenopausal bone loss but without a dose-dependent effect, 509
- Huang, S.-Y.: *See* Huang, H.-Y., 509
- Huang, S.-Y.: *See* Yang, H.-T., 45
- Hulst, J. M., van Goudoever, J. B., Zimmermann, L. J., Tibboel, D., and Joosten, K. F.: The role of initial monitoring of routine biochemical nutritional markers in critically ill children, 57
- Hung, J., Yang, T. L., Urrutia, T. F., Li, R., Perry, C. A., Hata, H., Cogger, E. A., Moriarty, D. J., and Caudill, M. A.: Additional food folate derived exclusively from natural sources improves folate status in young women with the MTHFR 677 CC or TT genotype, 728
- Hurta, R. A.: *See* Matchett, M. D., 117
- Huttunen, M. M., Pietilä, P. E., Viljakainen, H. T., and Lamberg-Allardt, C. J.: Prolonged increase in dietary phosphate intake alters bone mineralization in adult male rats, 479
- Hwang, E.-S., Lee, H. J.: Phenylethyl isothiocyanate and its *N*-acetylcysteine conjugate suppress the metastasis of SK-Hep1 human hepatoma cells, 837
- Hwang, H. J., Park, H. J., Chung, H.-J., Min, H.-Y., Park, E.-J., Hong, J.-Y., and Lee, S. K.: Inhibitory effects of caffeic acid phenethyl ester on cancer cell metastasis mediated by the down-regulation of matrix metalloproteinase expression in human HT1080 fibrosarcoma cells, 356
- Ichikawa, H.: *See* Naito, Y., 402
- Jacobson, E. L.: *See* Cervantes-Laurean, D., 531
- Jacques, H.: *See* Bissonauth, V., 597
- Jang, J. S.: *See* Park, S., 307
- Jang, K.-H.: *See* Kang, S. A., 419
- Jerome, R. E.: *See* McClintick, J. N., 345
- Ji, G.: *See* Zhang, S., 485
- Jia, X., Ebine, N., Wang, Y., Awad, A. B., and Jones, P. J.: Effects of different phytosterol analogs on colonic mucosal cell proliferation in hamsters, 396
- Jobgen, W. S., Fried, S. K., Fu, W. J., Meininger, C. J., and Wu, G.: Regulatory role for the arginine-nitric oxide

- pathway in metabolism of energy substrates, 571
- Jones, P. J.: *See* Jia, X., 396
- Jones, P. J.: *See* Marinangeli, C. P., 217
- Joosten, K. F.: *See* Hulst, J. M., 57
- Jung, J. I., Lim, S. S., Choi, H. J., Cho, H. J., Shin, H.-K., Kim, E. J., Chung, W.-Y., Park, K.-K., and Park, J. H. Y.: Isoliquiritigenin induces apoptosis by depolarizing mitochondrial membranes in prostate cancer cells, 689
- Kalea, A. Z., Lamari, F. N., Theocharis, A. D., Cordopatis, P., Schuschke, D. A., Karamanos, N. K., and Klimis-Zacas, D. J.: Wild blueberry (*Vaccinium angustifolium*) consumption affects the composition and structure of glycosaminoglycans in sprague-dawley rat aorta, 109
- Kang, S. A., Hong, K., Jang, K.-H., Kim, Y.-Y., Choue, R., and Lim, Y.: Altered mRNA expression of hepatic lipogenic enzyme and PPAR α in rats fed dietary levan from *Zymomonas mobilis*, 419
- Karamanos, N. K.: *See* Kalea, A. Z., 109
- Katada, K.: *See* Naito, Y., 402
- Kawagishi, H.: *See* Nagai, K., 525
- Kawakami, Y.: *See* Tsuzuki, T., 518
- Kempaiah, R. K., and Srinivasan, K.: Beneficial influence of dietary curcumin, capsaicin and garlic on erythrocyte integrity in high-fat fed rats, 471
- Kemperman, R. F.: *See* Muskiet, F. A., 717
- Kim, E. J.: *See* Jung, J. I., 689
- Kim, H.-W.: *See* Kim, K.-N., 454
- Kim, J.-D., Liu, L., Guo, W., and Meydani, M.: Chemical structure of flavonols in relation to modulation of angiogenesis and immune-endothelial cell adhesion, 165
- Kim, K.-N., Pie, J.-E., Park, J.-H., Park, Y.-H., Kim, H.-W., and Kim, M.-k.: Retinoic acid and ascorbic acid act synergistically in inhibiting human breast cancer cell proliferation, 454
- Kim, K.-N.: *See* Pie, J.-E., 157
- Kim, M.-k.: *See* Kim, K.-N., 454
- Kim, M.-k.: *See* Pie, J.-E., 157
- Kim, Y. S.: *See* Wang, T. T., 659
- Kim, Y.-Y.: *See* Kang, S. A., 419
- Klimis-Zacas, D. J.: *See* Kalea, A. Z., 109
- Kohno, H.: *See* Beppu, F., 830
- Kokura, S.: *See* Naito, Y., 402
- Kolodziejczyk, J.: *See* Olas, B., 96
- König, B., and Eder, K.: Differential action of 13-HPODE on PPAR α downstream genes in rat fao and human HepG2 hepatoma cell lines, 410
- Koo, S. I.: *See* Wang, S., 492
- Kothapalli, N.: *See* Chew, Y. C., 225
- Kubota, T.: *See* Nagai, K., 525
- Kuroda, M.: *See* Naito, Y., 402
- Lamari, F. N.: *See* Kalea, A. Z., 109
- Lamberg-Allardt, C. J.: *See* Huttunen, M. M., 479
- Lapointe, A., Couillard, C., and Lemieux, S.: Effects of dietary factors on oxidation of low-density lipoprotein particles, 645
- Lara Barcelata, M.: *See* Alexander Aguilera, A., 760
- Larrosa, M., Tomás-Barberán, F. A., and Espín, J. C.: The dietary hydrolysable tannin punicalagin releases ellagic acid that induces apoptosis in human colon adenocarcinoma caco-2 cells by using the mitochondrial pathway, 611
- Leathem, A. J.: *See* Woodside, J. V., 211
- Leblanc, N.: *See* Bissonauth, V., 597
- Lee, D. K., Grantham, R. N., Mannion, J. D., and Trachte, A. L.: Carotenoids enhance phosphorylation of akt and suppress tissue factor activity in human endothelial cells, 780
- Lee, H. J.: *See* Hwang, E.-S., 837
- Lee, S. K.: *See* Hwang, H. J., 356
- Lee, S.-J.: *See* Han, S.-H., 682
- Leeuwenburgh, C.: *See* Dirks, A. J., 501
- Lei, W.: *See* Hennig, B., 766
- Leitzmann, M. F.: *See* Gunter, M. J., 145
- Lemieux, S.: *See* Lapointe, A., 645
- Lensing, R. L.: *See* Hittmeier, L. J., 385
- Levy, M. A.: *See* Lim, Y., 328
- Li, C.-C., Lii, C.-K., Liu, K.-L., Yang, J.-J., and Chen, H.-W.: n-6 and n-3 polyunsaturated fatty acids down-regulate cytochrome p-450 2B1 gene expression induced by phenobarbital in primary rat hepatocytes, 707
- Li, G.: *See* Butz, D. E., 735
- Li, R.: *See* Hung, J., 728
- Li, Y.: *See* Watkins, B. A., 282
- Lii, C.-K.: *See* Li, C.-C., 707
- Lim, S. S.: *See* Jung, J. I., 689
- Lim, Y., Levy, M. A., and Bray, T. M.: Dietary supplementation of N-acetylcysteine enhances early inflammatory responses during cutaneous wound healing in protein malnourished mice, 328
- Lim, Y.: *See* Kang, S. A., 419
- Linz, A. L.: *See* Xiao, R., 626
- Liu, J.: *See* Zhang, S., 485
- Liu, K.-L.: *See* Li, C.-C., 707
- Liu, L.: *See* Kim, J.-D., 165
- Liu, Z.: *See* Cao, D., 234
- Lladó, I.: *See* Thomàs-Moyà, E., 197
- Lochner, A.: *See* Engelbrecht, A.-M., 265
- Lombardo, L.: *See* Russo, A., 103
- Lombardo, Y. B., and Chicco, A. G.: Effects of dietary polyunsaturated n-3 fatty acids on dyslipidemia and insulin resistance in rodents and humans: a review, 1
- Lønnerdal, B.: *See* Zubieta, A. C., 604
- Macarulla, M. T.: *See* Simón, E., 126
- Mackin, K. M.: *See* McClung, J. P., 190
- MacKinnon, S. L.: *See* Matchett, M. D., 117
- Mañas, M.: *See* Yago, M. D., 242
- Mannion, J. D.: *See* Lee, D. K., 780
- Manthey, K. C., Rodriguez-Melendez, R., Hoi, J. T., and Zempleni, J.: Riboflavin deficiency causes protein and DNA damage in HepG2 cells, triggering arrest in G1 phase of the cell cycle, 250
- Marchitelli, L. J.: *See* McClung, J. P., 190
- Margaritis, I.: *See* Rousseau, A.-S., 463
- Marin, J.: *See* Bissonauth, V., 597
- Marinangeli, C. P., Varady, K. A., and Jones, P. J.: Plant sterols combined with exercise for the treatment of hypercholesterolemia: overview of independent and synergistic mechanisms of action, 217
- Martín, A.: *See* Sánchez-Moreno, C., 183
- Martínez, M. A.: *See* Yago, M. D., 242
- Martínez-Victoria, E.: *See* Yago, M. D., 242
- Matchett, M. D., MacKinnon, S. L., Sweeney, M. I., Gottschall-Pass, K. T., and Hurta, R. A.: Inhibition of matrix metalloproteinase activity in DU145 human prostate cancer cells by flavonoids from lowbush blueberry (*Vaccinium angustifolium*): possible roles for protein kinase c and mitogen-activated protein-kinase-mediated events, 117
- Matsumoto, K.-i., Suzuki, A., Washimi, H., Hisamatsu, A., Okajo, A., Ui, I., and Endo, K.: Electron paramagnetic resonance decay constant and oxidative stresses in liver microsomes of the selenium-deficient rat, 677
- Matuschek, M. C., Hendriks, W. H., McGhie, T. K., and Reynolds, G. W.: The jejunum is the main site of absorption for anthocyanins in mice, 31
- McClintick, J. N., Crabb, D. W., Tian, H., Pinaire, J., Smith, J. R., Jerome, R. E., and Edenberg, H. J.: Global effects of vitamin a deficiency on gene expression in rat liver: evidence for hypoandrogenism, 345
- McClung, J. P., Stahl, C. H., Marchitelli, L. J., Morales-Martínez, N., Mackin, K. M., Young, A. J., and Scrimgeour, A. G.: Effects of dietary phytase on body

- weight gain, body composition and bone strength in growing rats fed a low-zinc diet, 190
- McGhie, T. K.: See Matuschek, M. C., 31
- Meininger, C. J.: See Jobgen, W. S., 571
- Meydani, M.: See Kim, J.-D., 165
- Milner, J. A.: See Wang, T. T., 659
- Milner, M. J.: See Wang, T. T., 659
- Min, H.-Y.: See Hwang, H. J., 356
- Mitra, C.: See Mukherjee, S., 319
- Miyashita, K.: See Beppu, F., 830
- Miyazawa, T.: See Tsuzuki, T., 518
- Morales-Martinez, N.: See McClung, J. P., 190
- Moriarty, D. J.: See Hung, J., 728
- Morré, D. J.: See Yagiz, K., 750
- Morré, D. M.: See Yagiz, K., 750
- Morton, M. S.: See Woodside, J. V., 211
- Mothe-Satney, I.: See Hinault, C., 374
- Mueller, A. S., and Pallauf, J.: Compendium of the antidiabetic effects of supranutritional selenate doses. in vivo and in vitro investigations with type II diabetic *db/db* mice, 548
- Mukherjee, M.: See Mukherjee, S., 319
- Mukherjee, S., Das, D., Mukherjee, M., Das, A. S., and Mitra, C.: Synergistic effect of folic acid and vitamin B₁₂ in ameliorating arsenic-induced oxidative damage in pancreatic tissue of rat, 319
- Muñoz-Espada, A. C., and Watkins, B. A.: Cyanidin attenuates PGE₂ production and cyclooxygenase-2 expression in LNCaP human prostate cancer cells, 589
- Muskiet, F. A., and Kemperman, R. F.: Folate and long-chain polyunsaturated fatty acids in psychiatric disease, 717
- Nagai, K., Chiba, A., Nishino, T., Kubota, T., and Kawagishi, H.: Dilinoleoyl-phosphatidylethanolamine from *Hericium erinaceum* protects against ER stress-dependent Neuro2a cell death via protein kinase c pathway, 525
- Naito, Y., Takagi, T., Katada, K., Uchiyama, K., Kuroda, M., Kokura, S., Ichikawa, H., Watabe, J., Yoshida, N., Okanoue, T., and Yoshikawa, T.: Partially hydrolyzed guar gum down-regulates colonic inflammatory response in dextran sulfate sodium-induced colitis in mice, 402
- Nakagawa, K.: See Tsuzuki, T., 518
- Naranjo, J. A.: See Yago, M. D., 242
- Nardini, M., Natella, F., Scaccini, C., and Ghiselli, A.: Phenolic acids from beer are absorbed and extensively metabolized in humans, 14
- Natella, F.: See Nardini, M., 14
- Newton, L.: See Woodside, J. V., 211
- Nishino, T.: See Nagai, K., 525
- Niu, Y.: See Gao, K., 89
- Noh, S. K.: See Wang, S., 492
- Nowak, P.: See Olas, B., 96
- Okabe, M.: See Sakai, M., 672
- Okajo, A.: See Matsumoto, K.-i., 677
- Okanoue, T.: See Naito, Y., 402
- Olas, B., Nowak, P., Kolodziejczyk, J., Ponczek, M., and Wachowicz, B.: Protective effects of resveratrol against oxidative/nitrative modifications of plasma proteins and lipids exposed to peroxynitrite, 96
- Oliart Ros, R. M.: See Alexander Aguilera, A., 760
- Olivé, M. B.: See Bargalló, M. V., 139
- Olmedilla, B.: See Sánchez-Moreno, C., 183
- Pallauf, J.: See Mueller, A. S., 548
- Park, C. H.: See Park, S., 307
- Park, E. J., Suh, M., Thomson, A. B., Ramanujam, K. S., and Clandinin, M. T.: Dietary gangliosides increase the content and molecular percentage of ether phospholipids containing 20:4n-6 and 22:6n-3 in weanling rat intestine, 337
- Park, E.-J.: See Hwang, H. J., 356
- Park, H. J.: See Hwang, H. J., 356
- Park, J. H. Y.: See Jung, J. I., 689
- Park, J.-H.: See Kim, K.-N., 454
- Park, J.-H.: See Pie, J.-E., 157
- Park, K.-K.: See Jung, J. I., 689
- Park, S., Park, C. H., and Jang, J. S.: Antecedent intake of traditional asian-style diets exacerbates pancreatic β -cell function, growth and survival after western-style diet feeding in weaning male rats, 307
- Park, Y.-H.: See Kim, K.-N., 454
- Park, Y.-H.: See Pie, J.-E., 157
- Perez, M. A., Hansen, R. A., Harris, M. A., and Allen, K. G.: Dietary docosahexaenoic acid alters pregnant rat reproductive tissue prostaglandin and matrix metalloproteinase production, 446
- Perona, J. S., Cabello-Moruno, R., and Ruiz-Gutierrez, V.: The role of virgin olive oil components in the modulation of endothelial function, 429
- Perry, C. A.: See Hung, J., 728
- Pestka, J. J.: See Shi, Y., 697
- Pie, J.-E., Park, J.-H., Park, Y.-H., Ryu, Y.-M., Kim, K.-N., Suh, S.-W., Becker, K. G., Cho-Chung, Y. S., and Kim, M.-k.: Effect of genistein on the expression of bone metabolism genes in ovariectomized mice using a cDNA microarray, 157
- Pie, J.-E.: See Kim, K.-N., 454
- Pietilä, P. E.: See Huttunen, M. M., 479
- Pinaire, J.: See McClintick, J. N., 345
- Pisariková, A.: See Zeman, M., 379
- Plaza, L.: See Sánchez-Moreno, C., 183
- Ponczek, M.: See Olas, B., 96
- Pons, A.: See Tauler, P., 665
- Portillo, M. P.: See Simón, E., 126
- Proenza, A. M.: See Thomàs-Moyà, E., 197
- Qian, Z. M.: See Tang, X., 177
- Rahman, M.: See Bhattacharya, A., 789
- Rahman, R. M.: See Sutherland, B. A., 291
- Ramanujam, K. S.: See Park, E. J., 337
- Ray, A.: See D'Souza, V. M., 821
- Reeves, P. G., and DeMars, L. C.: Signs of iron deficiency in copper-deficient rats are not affected by iron supplements administered by diet or by injection, 635
- Reynolds, G. W.: See Matuschek, M. C., 31
- Rhee, C.: See Han, S.-H., 682
- Richard, D.: See Bissonauth, V., 597
- Rodriguez de Sotillo, D. V., Hadley, M., and Sotillo, J. E.: Insulin receptor exon 11^{+/-} is expressed in Zucker (*fa/fa*) rats, and chlorogenic acid modifies their plasma insulin and liver protein and DNA, 63
- Rodríguez-Marroyo, J. A.: See Tauler, P., 665
- Rodriguez-Melendez, R., Griffin, J. B., and Zemleni, J.: The expression of genes encoding ribosomal subunits and eukaryotic translation initiation factor 5A depends on biotin and bisnorbiotin in HepG2 cells, 23
- Rodriguez-Melendez, R.: See Griffin, J. B., 272
- Rodriguez-Melendez, R.: See Manthey, K. C., 250
- Rohman, M. S.: See Santoso, M. I. E., 51
- Rothschild, M. F.: See Hittmeier, L. J., 385
- Rotilio, G.: See De Martino, A., 742
- Rousseau, A.-S., Margaritis, I., Arnaud, J., Faure, H., and Roussel, A.-M.: Physical activity alters antioxidant status in exercising elderly subjects, 463
- Roussel, A.-M.: See Rousseau, A.-S., 463
- Rovira, M. J. S.: See Bargalló, M. V., 139
- Ruiz-Gutierrez, V.: See Perona, J. S., 429
- Russo, A., Cardile, V., Lombardo, L., Vanella, L., and Acquaviva, R.: Genistein inhibits UV light-induced plasmid DNA damage and cell growth in human melanoma cells, 103
- Ryu, Y.-M.: See Pie, J.-E., 157

- Sakai, M., Okabe, M., Tachibana, H., and Yamada, K.: Apoptosis induction by γ -tocotrienol in human hepatoma Hep3B cells, 672
- Sánchez-Moreno, C., Cano, M. P., de Ancos, B., Plaza, L., Olmedilla, B., Granado, F., and Martín, A.: Mediterranean vegetable soup consumption increases plasma vitamin C and decreases F₂-isoprostanes, prostaglandin E₂ and monocyte chemotactic protein-1 in healthy humans, 183
- Santos, M. I. E., and Rohman, M. S.: Decreased TGF- β 1 and IGF-1 protein expression in rat embryo skull bone in folic acid-restricted diet, 51
- Saraswathi, V.: See Hennig, B., 766
- Sarath, G.: See Chew, Y. C., 225
- Scaccini, C.: See Nardini, M., 14
- Schramm, D. D.: See Cervantes-Laurean, D., 531
- Schroot, J.: See de Pascual-Teresa, S., 257
- Schuschke, D. A.: See Kalea, A. Z., 109
- Scrimgeour, A. G.: See McClung, J. P., 190
- Seeram, N. P.: See Gao, K., 89
- Segarra, M. C. B.: See Bargalló, M. V., 139
- Seifert, M. F.: See Watkins, B. A., 282
- Sharman, M.: See Torres-Gonzalez, M., 773
- Shi, Y., and Pestka, J. J.: Attenuation of mycotoxin-induced IgA nephropathy by eicosapentaenoic acid in the mouse: dose response and relation to IL-6 expression, 697
- Shieh, M.-J.: See Huang, H.-Y., 509
- Shin, H.-K.: See Jung, J. I., 689
- Simmen, F. A.: See Xiao, R., 626
- Simón, E., Macarulla, M. T., Churrua, I., Fernández-Quintela, A., and Portillo, M. P.: *trans*-10,*cis*-12 conjugated linoleic acid prevents adiposity but not insulin resistance induced by an atherogenic diet in hamsters, 126
- Simpson, M., and Xu, Z.: Increased abundance of labile intracellular zinc during cell proliferation was due to increased retention of extracellular zinc in 3T3 cells, 541
- Smith, J. R.: See McClintick, J. N., 345
- Sommardahl, C.: See Dhar, M. S., 811
- Sotillo, J. E.: See Rodriguez de Sotillo, D. V., 63
- Srinivasan, K.: See Kempaiah, R. K., 471
- Stahl, C. H.: See Hittmeier, L. J., 385
- Stahl, C. H.: See McClung, J. P., 190
- Staðková, B.: See Zeman, M., 379
- Stella, A. M. G.: See Calabrese, V., 73
- Suh, M.: See Park, E. J., 337
- Suh, S.-W.: See Pie, J.-E., 157
- Sun, L.: See Cao, D., 234
- Sureda, A.: See Tauler, P., 665
- Sutherland, B. A., Rahman, R. M., and Appleton, I.: Mechanisms of action of green tea catechins, with a focus on ischemia-induced neurodegeneration, 291
- Suzuki, A.: See Matsumoto, K.-i., 677
- Swaan, P. W.: See D'Souza, V. M., 821
- Sweeney, M. I.: See Matchett, M. D., 117
- Tachibana, H.: See Sakai, M., 672
- Takagi, T.: See Naito, Y., 402
- Talbot, D.: See de Pascual-Teresa, S., 257
- Tanaka, L.: See Beppu, F., 830
- Tanaka, T.: See Beppu, F., 830
- Tang, X., Gao, J., Wang, Y., Fan, Y.-M., Xu, L.-Z., Zhao, X.-n., Xu, Q., and Qian, Z. M.: Effective protection of *Terminalia catappa* L. leaves from damage induced by carbon tetrachloride in liver mitochondria, 177
- Tauler, P., Sureda, A., Cases, N., Aguiló, A., Rodríguez-Marroyo, J. A., Villa, G., Tur, J. A., and Pons, A.: Increased lymphocyte antioxidant defences in response to exhaustive exercise do not prevent oxidative damage, 665
- Theocharis, A. D.: See Kalea, A. Z., 109
- Thomas-Moya, E., Gianotti, M., Lladó, I., and Proenza, A. M.: Effects of caloric restriction and gender on rat serum paraoxonase 1 activity, 197
- Thomson, A. B.: See Park, E. J., 337
- Tian, H.: See McClintick, J. N., 345
- Tibboel, D.: See Hulst, J. M., 57
- Toborek, M.: See Hennig, B., 766
- Tomás-Barberán, F. A.: See Larrosa, M., 611
- Torres, N., Torre-Villalvazo, I., and Tovar, A. R.: Regulation of lipid metabolism by soy protein and its implication in diseases mediated by lipid disorders, 365
- Torres-Gonzalez, M., Volek, J. S., Sharman, M., Contois, J. H., and Fernandez, M. L.: Dietary carbohydrate and cholesterol influence the number of particles and distributions of lipoprotein subfractions in guinea pigs, 773
- Torre-Villalvazo, I.: See Torres, N., 365
- Tovar, A. R.: See Torres, N., 365
- Trachte, A. L.: See Lee, D. K., 780
- Tsuzuki, T., Kawakami, Y., Nakagawa, K., and Miyazawa, T.: Conjugated docosahexaenoic acid inhibits lipid accumulation in rats, 518
- Tur, J. A.: See Tauler, P., 665
- Tvrzická, E.: See Zeman, M., 379
- Uchiyama, K.: See Naito, Y., 402
- Ui, I.: See Matsumoto, K.-i., 677
- Urrutia, T. F.: See Hung, J., 728
- Van Aerde, A.: See Field, C. J., 37
- van Goudoever, J. B.: See Hulst, J. M., 57
- Van Obberghen, E.: See Hinault, C., 374
- van Rooyen, J.: See Engelbrecht, A.-M., 265
- Vanella, L.: See Russo, A., 103
- Varady, K. A.: See Marinangeli, C. P., 217
- Vecka, M.: See Zeman, M., 379
- Viljakainen, H. T.: See Huttunen, M. M., 479
- Villa, G.: See Tauler, P., 665
- Volek, J. S.: See Torres-Gonzalez, M., 773
- Wachowicz, B.: See Olas, B., 96
- Wang, S., Noh, S. K., and Koo, S. I.: Green tea catechins inhibit pancreatic phospholipase A₂ and intestinal absorption of lipids in ovariectomized rats, 492
- Wang, T. T., Milner, M. J., Milner, J. A., and Kim, Y. S.: Estrogen receptor α as a target for indole-3-carbinol, 659
- Wang, X., Clubbs, E. A., and Bomser, J. A.: Genistein modulates prostate epithelial cell proliferation via estrogen- and extracellular signal-regulated kinase-dependent pathways, 204
- Wang, Y.: See Jia, X., 396
- Wang, Y.: See Tang, X., 177
- Washimi, H.: See Matsumoto, K.-i., 677
- Watabe, J.: See Naito, Y., 402
- Watkins, B. A., Li, Y., and Seifert, M. F.: Dietary ratio of n-6/n-3 PUFAs and docosahexaenoic acid: actions on bone mineral and serum biomarkers in ovariectomized rats, 282
- Watkins, B. A.: See Muñoz-Espada, A. C., 589
- Williams, C. M.: See de Pascual-Teresa, S., 257
- Woodside, J. V., Campbell, M. J., Denholm, E. E., Newton, L., Honour, J. W., Morton, M. S., Young, I. S., and Leathem, A. J.: Short-term phytoestrogen supplementation alters insulin-like growth factor profile but not lipid or antioxidant status, 211
- Wu, G.: See Jobgen, W. S., 571
- Wuytack, F.: See Griffin, J. B., 272
- Xiao, R., Carter, J. A., Linz, A. L., Ferguson, M., Badger, T. M., and Simmen, F. A.: Dietary whey protein lowers serum C-peptide concentration and duodenal SREBP-1c mRNA abundance, and reduces occurrence of duodenal tumors and colon aberrant crypt foci in azoxymethane-treated male rats, 626
- Xu, A.: See Gao, K., 89
- Xu, J.: See Cao, D., 234

- Xu, L.-Z.: *See* Tang, X., 177
- Xu, Q.: *See* Tang, X., 177
- Xu, Z.: *See* Simpson, M., 541
- Xue, R.: *See* Cao, D., 234
- Yagiz, K., Morré, D. J., and Morré, D. M.: Transgenic mouse line overexpressing the cancer-specific tNOX protein has an enhanced growth and acquired drug-response phenotype, 750
- Yago, M. D., Díaz, R. J., Martínez, M. A., Audi, N., Naranjo, J. A., Martínez-Victoria, E., and Mañas, M.: Effects of the type of dietary fat on acetylcholine-evoked amylase secretion and calcium mobilization in isolated rat pancreatic acinar cells, 242
- Yamada, K.: *See* Sakai, M., 672
- Yang, H.-P.: *See* Huang, H.-Y., 509
- Yang, H.-T., Chen, Y.-H., Chiu, W.-C., and Huang, S.-Y.: Effects of consecutive high-dose alcohol administration on the utilization of sulfur-containing amino acids by rats, 45
- Yang, H.-T.: *See* Huang, H.-Y., 509
- Yang, J.-J.: *See* Li, C.-C., 707
- Yang, T. L.: *See* Hung, J., 728
- Yang, T.-C.: *See* Huang, H.-Y., 509
- Yeh, C.-T., and Yen, G.-C.: Modulation of hepatic phase II phenol sulfotransferase and antioxidant status by phenolic acids in rats, 561
- Yen, G.-C.: *See* Yeh, C.-T., 561
- Yoshida, N.: *See* Naito, Y., 402
- Yoshikawa, T.: *See* Naito, Y., 402
- Young, A. J.: *See* McClung, J. P., 190
- Young, I. S.: *See* Woodside, J. V., 211
- Youssefian, A. A.: *See* Gao, K., 89
- Yuan, J. S.: *See* Dhar, M. S., 811
- Žák, A.: *See* Zeman, M., 379
- Zeman, M., Žák, A., Vecka, M., Tvrzická, E., Písařková, A., and Staðková, B.: N-3 fatty acid supplementation decreases plasma homocysteine in diabetic dyslipidemia treated with statin-fibrate combination, 379
- Zempleni, J.: *See* Chew, Y. C., 225
- Zempleni, J.: *See* Griffin, J. B., 272
- Zempleni, J.: *See* Manthey, K. C., 250
- Zempleni, J.: *See* Rodriguez-Melendez, R., 23
- Zhang, S., Ji, G., and Liu, J.: Reversal of chemical-induced liver fibrosis in wistar rats by puerarin, 485
- Zhao, X.-n.: *See* Tang, X., 177
- Zhou, C.: *See* Cao, D., 234
- Zimmermann, L. J.: *See* Hulst, J. M., 57
- Zubieta, A. C., and Lönnnerdal, B.: Effect of suboptimal nutrition during lactation on milk protein gene expression in the rat, 604