

AUTHOR INDEX

- Alaupovic, P., see Niday, E. (612) 67
 Albracht, S.P.J.
 The prosthetic groups in succinate dehydrogenase. Number and stoichiometry (612) 11
 Aleksandrowicz, Z., see Świerczyński, J. (612) 1
 Antonsson, B., see Carlsson, U. (612) 160
 Arlaud, G.J., see Sim, R.B. (612) 433
- Babior, B.M., see Krouwer, J.S. (612) 152
 Bakkenist, A.R.J., see Wever, R. (612) 178
 Banerjee, P.C., see Ghosh, A.K. (612) 143
 Banerjee, R.J., see Chatterjee, D.K. (612) 29
 Bear, J.L., see Miller, J.A. (612) 286
 Beitz, J., Schellenberger, A., Lasch, J. and Fischer, J.
 Catalytic properties and electrostatic potential of charged immobilized enzyme derivatives. Pyruvate decarboxylase attached to cationic polystyrene beads of different charge densities (612) 451
 Bricas, E., see Martin, P. (612) 410
 Brockbank, W.J., see Lynn, K.R. (612) 119
 Brown, D.F., Reimann, E.M. and Schlender, K.K.
 Inactivation of glycogen synthase a by the catalytic subunit of cyclic AMP-dependent protein kinase. Kinetics of inactivated forms (612) 352
- Carlsson, U., Kjellström, B. and Antonsson, B.
 Purification and properties of cyclostome carbonic anhydrase (612) 160
 Castle, A.G., see Gergely, P. (612) 50
 Chatterjee, D.K., Banerjee, R.J. and Datta, A.G.
 Studies in peroxidase-catalysed formation of thyroid hormones on a protein isolated from submaxillary gland (612) 29
 Clevette, N.A., see Lynn, K.R. (612) 119
 Colomb, M.G., see Sim, R.B. (612) 433
 Cottreau, D., see Lagrange, J.-L. (612) 213
 Coulet, P.R., Sternberg, R. and Thévenot, D.R.
 Electrochemical study of reactions at interfaces of glucose oxidase collagen membranes (612) 317
 Crawford, N., see Gergely, P. (612) 50
- Daka, N.J. and Laidler, K.J.
 Temperature and pH effects on immobilized lactate dehydrogenase kinetics (612) 305
 Datta, A.G., see Chatterjee, D.K. (612) 29
 Dearing, R., see White, R.R. (612) 233
 De Burlet, G., see Giudicelli, J. (612) 85
 DeVries, J.A., see Weston, P.D. (612) 40
- Elmore, D.T., see Lonsdale-Eccles, J.D. (612) 395
 Elmore, D.T., see Lonsdale-Eccles, J.D. (612) 401
 Emiliozzi, R., see Giudicelli, J. (612) 85
- Fischer, J., see Beitz, J. (612) 451
 Fischer, S., see Lagrange, J.-L. (612) 213
 Fujimoto, K.I., Ogawa, M., Saito, N., Kosaki, G., Minamiura, N. and Yamamoto, T.
 A novel method of isolation and some characteristic properties of human pancreatic elastases (612) 262
 Fujioka, K., Tanizawa, K. and Kanaoka, Y.
 Specific spin-labeling at trypsin active site. Application of 'inverse substrate' to the structural analysis of the active site (612) 205
- Gasyna, Z., see Płonka, A. (612) 299
 Gergely, P., Castle, A.G. and Crawford, N.
 Platelet phosphorylase kinase activity and its regulation by the calcium-dependent regulatory protein, Calmodulin (612) 50
 Ghosh, A.K., Banerjee, P.C. and Sengupta, S.
 Purification and properties of xylan hydrolase from mushroom *Termitomyces clypeatus* (612) 143
 Giudicelli, J., Vannier, C., de Burlet, G., Emiliozzi, R. and Sudaka, P.
 Purification by affinity chromatography and characterization of a neutral α -glucosidase from horse kidney (612) 85
 Gros, F., see Wahrmann, J.P. (612) 421

- Habuchi, H., see Tsuji, M. (612) 373
- Hirayama, K., Nakanishi, N., Sueoka, T., Kato, S. and Yamada, S.
Dihydropteridine reductase and tetrahydropterin in *Crithidia fasciculata* cells (612) 337
- Hitchcock, M.J.M., see Troost, T. (612) 97
- Hogg, D.H., see Lonsdale-Eccles, J.D. (612) 395
- Hogg, D.H., see Lonsdale-Eccles, J.D. (612) 401
- Homandberg, G.A., Minor, S.T. and Peanasky, R.J.
Modification of the carboxypeptidase A active site residue Glu-270 prevents interaction with a protein protease inhibitor from *Ascaris* (612) 384
- Holmquist, B., see Krower, J.S. (612) 152
- Howard, R.A., see Miller, J.A. (612) 286
- Hylemon, P.B., see Lipsky, R.H. (612) 328
- Imaoka, T., Imazu, M., Usui, H., Kinohara, N. and Takeda, M.
Isolation of an inactive component from pig heart phosphoprotein phosphatase and its reassociation with an active component (612) 73
- Imazu, M., see Imaoka, T. (612) 73
- Ishihara, K., see Tsuji, M. (612) 373
- Janoff, A., see White, R.R. (612) 233
- Kahn, A., see Lagrange, J.-L. (612) 213
- Kanaoka, Y., see Fujioka, T. (612) 205
- Kasprzak, A.A. and Kochman, M.
Binding of nicotinamide-adenine dinucleotide to rabbit muscle aldolase (612) 455
- Kato, T., Oka, K., Nagatsu, T., Sugimoto, T. and Matsuura, S.
Effects of structures of tetrahydropterin cofactors on tyrosine hydroxylase (612) 226
- Kato, S., see Hirayama, K. (612) 337
- Katz, E., see Troost, T. (612) 97
- Kimball, A.P., see Miller, J.A. (612) 286
- Kinohara, N., see Imaoka, T. (612) 73
- Kipnes, R.S., see Krower, J.S. (612) 152
- Kitajima, S., see Nakazawa, K. (612) 171
- Kjellström, B., see Carlsson, U. (612) 160
- Kochman, M., see Kasprzak, A.A. (612) 455
- Kosaki, G., see Fujimoto, K.I. (612) 262
- Krower, J.S., Holmquist, B., Kipnes, R.S. and Babior, B.M.
The mechanism of action of ethanolamine ammonia-lyase, an adenosylcobalamin-dependent enzyme. Evidence that carbon-cobalt bond cleavage is driven in part by conformational alterations of the corrin ring (612) 152
- Lagrange, J.-L., Marie, J., Cottreau, D., Fischer, S. and Kahn, A.
Endogenous phosphorylation of soluble enzymes in human red cells. Cyclic 3'-5'-AMP-dependent phosphorylation of phosphofructokinase without detectable regulator effect (612) 213
- Laidler, K.J., see Daka, N.J. (612) 305
- Lasch, J., see Beitz, J. (612) 451
- Lauritzen, E., see Rubin, I. (612) 126
- Lauritzen, M., see Rubin, I. (612) 126
- Lawrence, C.H., see Morris, B.J. (612) 137
- Leong, C.C. and Shen, T.-C.
Nitrate reductase inhibitor of rice plants (612) 245
- Lipsky, R.H. and Hylemon, P.B.
Characterization of a NADH:flavin oxidoreductase induced by cholic acid in a 7 α -dehydroxylating intestinal *Eubacterium* species (612) 328
- Lonsdale-Eccles, J.D., Hogg, D.H. and Elmore, D.T.
The esterolytic specificity of bovine thrombin and Factor Xa (612) 395
- Lonsdale-Eccles, J.D., Hogg, D.H. and Elmore, D.T.
The hydrolysis of chemically modified proteins by Factor Xa and thrombin (612) 401
- Lynn, K.R., Brockbank, W.J. and Clevette, N.A.
Multiple forms of the asclepains. Cysteinyl proteinases from milkweed (612) 119
- Marie, J., see Lagrange, J.-L. (612) 213
- Martin, P., Raymond, M.-N., Bricas, E. and Ribadeau Dumas, B.
Kinetic studies on the action of *Mucor pusillus*, *Mucor miehei* acid proteases and chymosins A and B on a synthetic chromophoric hexapeptide (612) 410
- Matsuura, S., see Kato, T. (612) 226
- McArthur, H.A.I. and Reynolds, P.E.
Purification and properties of the D-alanyl-D-alanine carboxypeptidase of *Bacillus coagulans* NCIB 9365 (612) 107
- Metodiewa, D., see Płonka, A. (612) 299
- Miller, J.A., Serio, G.F., Bear, J.L., Howard, R.A. and Kimball, A.P.
Affinity labeling of a cysteine at or near the catalytic center of *Escherichia coli* B DNA-dependent RNA polymerase (612) 286

- Minamiura, N., see Fujimoto, K.I. (612) 262
- Minor, S.T., see Homandberg, G.A. (612) 384
- Mommsen, T.P.
Chitinase and β -N-acetylglucosaminidase from the digestive fluid of the spider, *Cupiennius salei* (612) 361
- Morris, B.J. and Lawrence, C.H.
Activation of inactive renin during the selective destruction of proteinase inhibitors in human plasma by a metalloproteinase in *Bitis arietans* venom (612) 137
- Nagatsu, T., see Kato, T. (612) 226
- Nakagawa, H., see Tamura, T. (612) 56
- Nakanishi, Y., see Tsuji, M. (612) 373
- Nakanishi, N., see Hirayama, K. (612) 337
- Nakazawa, K. and Kitajima, S.
Involvement of a macromolecular activating factor in activity of guanylate cyclase partially purified from supernatant of a pig lung extract (612) 171
- Niday, E., Wang, C.-S. and Alaupovic, P.
Kinetic evidence for the allosteric substrate inhibition of human erythrocyte acetylcholinesterase (612) 67
- Norby, D., see White, R.R. (612) 233
- Ogawa, M., see Fujimoto, K.I. (612) 262
- Oka, K., see Kato, T. (612) 226
- Ozawa, T., see Tanaka, M. (612) 295
- Peanasky, R.J., see Homandberg, G.A. (612) 384
- Piau, J.P., see Wahrmann, J.P. (612) 421
- Płonka, A., Metodiewa, D. and Gasyna, Z.
ESR studies on oxidation state changes of copper in superoxide dismutase during reactions with water radiolysis products at cryogenic temperatures (612) 299
- Raymond, M.-N., see Martin, P. (612) 410
- Reimann, E.M., see Brown, D.F. (612) 352
- Reynolds, P.E., see McArthur, H.A.I. (612) 107
- Ribadeau Dumas, B., see Martin, P. (612) 410
- Rice, L.I., see Spolter, L. (612) 268
- Rubin, I., Lauritzen, E. and Lauritzen, M.
Studies on the native forms of renin in the rat kidney (612) 126
- Saito, N., see Fujimoto, K.I. (612) 262
- Sato, K., see Sato, T. (612) 344
- Sato, T. and Sato, K.
Microheterogeneity of rat glycogen phosphorylase liver-type isozyme (612) 344
- Sawai, Y., see Wada, K. (612) 253
- Schapira, G., see Wahrmann, J.P. (612) 421
- Schellenberger, A., see Beitz, J. (612) 451
- Schlender, K.K., see Brown, D.F. (612) 352
- Ścisłowski, P., see Świerczyński, J. (612) 1
- Seery, V.L.
Interaction of glycogen phosphorylase with 8-azidoadenosine 5-monophosphate, a photoaffinity analog of AMP (612) 195
- Sengupta, S., see Ghosh, A.K., (612) 143
- Serio, G.F., see Miller, J.A. (612) 286
- Shen, T.-C., see Leong, C.C. (612) 245
- Shiraki, H., see Tamura, T. (612) 56
- Sim, R.B., Arlaud, G.J. and Colomb, M.G.
Kinetics of reaction of $C\bar{I}$ -inhibitor with the human complement system proteases $C\bar{I}r$ and $C\bar{I}s$ (612) 433
- Sinohara, H., see Takahara, H. (612) 185
- Spolter, L. and Rice, L.I.
Enzymatic sulfation of Triton X-100 (612) 268
- Stankiewicz, A., see Świerczyński, J. (612) 1
- Sternberg, R., see Coulet, P.R. (612) 317
- Sudaka, P., see Giudicelli, J. (612) 85
- Sueoka, T., see Hirayama, K. (612) 337
- Sugimoto, T., see Kato, T. (612) 226
- Suzuki, H., see Tanaka, M. (612) 295
- Suzuki, S., see Tsuji, M. (612) 373
- Świerczyński, J., Stankiewicz, A., Ścisłowski, P. and Aleksandrowicz, Z.
Isolation and regulatory properties of mitochondrial malic enzyme from rat skeletal muscle (612) 1
- Takahara, H. and Sinohara, H.
Purification and characterization of rat plasma antithrombin II (612) 185
- Takeda, M., see Imaoka, T. (612) 73
- Tamura, T., Shiraki, H. and Nakagawa, H.
Purification and characterization of adenylate kinase isoenzymes from rat muscle and liver (612) 56
- Tanaka, M., Suzuki, H. and Ozawa, T.
The crystallization of mitochondrial cytochrome oxidase-cytochrome c complex (612) 295
- Tanizawa, K., see Fujioka, T. (612) 205
- Thévenot, D.R., see Coulet, P.R. (612) 317
- Troost, T., Hitchcock, M.J.M. and Katz, E.
Distinct kynureninase and hydroxykynureninase enzymes in an actinomycin-producing strain of *Streptomyces parvulus* (612) 97
- Tsuji, M., Nakanishi, Y., Habuchi, H., Ishihara, K. and Suzuki, S.
The common identity of UDP-N-acetyl-galactosamine 4-sulfatase, nitrocatechol

- sulfatase (arylsulfatase), and chondroitin 4-sulfatase (612) 373
- Tsukada, K., see Wada, K. (612) 253
- Usui, H., see Imaoka, T. (612) 73
- Vannier, J., see Giudicelli, J. (612) 85
- Wada, K., Sawai, Y. and Tsukada, K.
A protease from rat intestine (612) 253
- Wahrmann, J.P., Gros, F., Piau, J.P. and Schapira, G.
Preparative isoelectric focusing and some properties of solubilized adenylate cyclase from rat brain (612) 421
- Wang, C.-S., see Niday, E. (612) 67
- Weston, P.D., DeVries, J.A. and Wigglesworth, R.
Conjugation of enzymes to immunoglobulins using dimaleimides (612) 40
- Wever, R. and Bakkenist, A.R.J.
The interaction of myeloperoxidase with ligands as studied by EPR (612) 178
- White, R.R., Norby, D., Janoff, A. and Dearing, R.
Partial purification and characterization of mouse peritoneal exudative macrophage elastase (612) 233
- Wigglesworth, R., see Weston, P.D. (612) 40
- Yamada, S., see Hirayama, K. (612) 337
- Yamamoto, T., see Fujimoto, K.I. (612) 262