

AUTHOR INDEX

- Adachi, K., see Yoshikawa, K. (315) 333
- Alpers, D. H., see Kelly, J. J. (315) 113
- Andrillon, J., see le Goffic, F. (315) 439
- Baggio, B. and Moret, V.
The kinetic behaviour of phosvitin kinase from rat liver cytosol (315) 347
- Balestreri, E., Felicioli, R. A. and Ipata, P. L.
The effect of pH on the allosteric properties of baker's yeast cytosine deaminase (315) 443
- Baratti, J., Maroux, S., Louvard, D. and Desnuelle, P.
On porcine enterokinase. Further purification and some molecular properties (315) 147
- Bartholomew, B. A. and Perry, A. L.
The properties of synovial fluid β -mannosidase activity (315) 123
- Bergren, W. R., Ng, W. G. and Donnell, G. N.
Uridine diphosphate galactose 4-epimerase in human and other mammalian hemolysates (315) 464
- Berliner, L. J., Miller, S. T., Uy, R. and Royer, G. P.
An ESR study of the active-site conformations of free and immobilized trypsin (315) 195
- Blanco, A., see Gerez de Burgos, N. M. (315) 250
- Bodnaryk, R. P. and McGirr, L.
Purification, properties and function of a unique γ -glutamyl cyclotransferase from the housefly, *Musca domestica* L. (315) 352
- Boers, W. and Slater, E. C.
The effect of substrates, effectors, acetyl phosphate and iodoacetate on the binding of NAD⁺ and NADH to rabbit-muscle glyceraldehyde-phosphate dehydrogenase (315) 272
- Bonting, S. L., see Rutten, W. J. (315) 384
- Brunel, C., see Cathala, G. (315) 73
- Burgos, C., see Gerez de Burgos, N. M. (315) 250
- Carbonell, J., see Sandoval, I. V. (315) 343
- Carper, W. R., see Maijub, A. G. (315) 37
- Cathala, G. et Brunel, C.
L'activité pyrophosphatase de la phosphatase alcaline du cerveau (315) 73
- Celier, C., see Tassin, J.-P. (315) 220
- Chesnokov, V. N., see Mertvetsov, N. P. (315) 61
- Cowell, J. L., Moser, K. and DeMoss, R. D.
Trypsinase from *Aeromonas liquefaciens* purification, molecular weight and some chemical, catalytic and immunochemical properties (315) 449
- Damjanovich, S., see Gáspár, Jr, R. (315) 191
- DeMoss, R. D., see Cowell, J. L. (315) 449
- Denner, W. H. B., Stokes, A. M., Rose, F. A. and Dodgson, K. S.
Separation and properties of the soluble 3'-phosphoadenosine 5'-phosphosulphate-degrading enzymes of bovine liver (315) 394
- Denner, W. H. B., see Stokes, A. M. (315) 402
- de Pont, J. J. H. H. M., see Rutten, W. J. (315) 378
- de Pont, J. J. H. H. M., see Rutten, W. J. (315) 384
- Desnuelle, P., see Baratti, J. (315) 147
- Dodgson, K. S., see Denner, W. H. B. (315) 394
- Dodgson, K. S., see Stokes, A. M. (315) 402
- Donnell, G. N., see Bergren, W. R. (315) 464
- Erdős, E. G., see Nakajima, T. (315) 430
- Felicioli, R. A., see Balestreri, E. (315) 443
- Ferwerda, W., see Van Dijk, W. (315) 162
- Gáspár, Jr, R. and Damjanovich, S.
Proton magnetic resonance studies on SH groups in glycogen phosphorylase b (315) 191
- Gerez de Burgos, N. M., Burgos, C., Gutierrez, M. and Blanco, A.
Effect of temperature upon catalytic properties of lactate dehydrogenase isoenzymes from a poikilotherm (315) 250
- Goldman, A. S. and Sheth, K.
Inhibitors of human placental C₁₉ and C₂₁ 3 β -hydroxysteroid dehydrogenases (315) 233
- Goldstein, L.
Immobilized enzymes. Synthesis of a new type of polyanionic and polycationic resins and their utilization for the preparation of water-insoluble enzyme derivatives (315) 1
- Gomez de Gracia, D. and Jollès-Bergeret, B.
Sulfinic and sulfonic analogs of γ -aminobutyric acid and succinate semialdehyde, new substrates for the aminobutyrate aminotransferase and the succinate semialdehyde dehydrogenase of *Pseudomonas fluorescens* (315) 49
- Groen, A., see Hindriks, F. R. (315) 94
- Gutierrez, M., see Gerez de Burgos, N. M. (315) 250
- Hachimori, A. and Nosoh, Y.
Conformational change with temperature of ATPase from *Bacillus stearothermophilus* (315) 481
- Hanna, R., Pickens, M. and Mendicino, J.
Purification of a specific D-apiitol dehydrogenase from a micrococcus isolated from the surface of germinating parsley seeds (315) 259
- Hanoun, J., see Pichard, A.-L. (315) 370
- Harding, B. W., see Ramseyer, J. (315) 306
- Hayashi, M., Unemoto, T. and Hayashi, M.
pH and anion dependent salt modifications of alkaline phosphatase from a slightly halophilic *Vibrio alginolyticus* (315) 83
- Hayashi, M., see Hayashi, M. (315) 83
- Hijazi, N. H. and Laidler, K. J.

- Influence of premixing on transient-phase kinetics for two-substrate enzyme systems (315) 209
- Hill, R. K., see Sawada, S. (315) 204
- Hindriks, F. R., Groen, A. and Kroon, A. M.
On the relation of heavy metals to the activity and heat stability of alkaline phosphatase from human placenta (315) 94
- Holmgren, A., see Sjöberg, B.-M. (315) 176
- Hudock, P., see Ramalay, R. F. (315) 22
- Igic, R., see Nakajima, T. (315) 430
- Iguchi, M., Mori, K., Ohyama, H. and Matsu-mura, Y.
Collagen metabolism. II. Enzymic formation of pyrrole-2-carboxylic acid from L-hydroxyproline in rat (315) 285
- Ipata, P. L., see Balestreri, E. (315) 443
- Janson, J.-C., see Lönnerdal, B. (315) 421
- Jollès-Bergeret, B., see Gomez de Gracia, D. (315) 49
- Kaplan, J.-C., see Pichard, A.-L. (315) 370
- Kelly, J. J. and Alpers, D. H.
Properties of human intestinal glucoamylase (315) 113
- Kroon, A. M., see Hindriks, F. R. (315) 94
- Kumagai, H., see Sawada, S. (315) 204
- Kumar, R., Tao, M., Piotrowski, R. and Solomon, L.
Multiple forms of adenosine 3',5'-cyclic monophosphate-dependent protein kinase from monkey skin (315) 66
- Labia, R., see le Goffic, F. (315) 439
- Laidler, K. J., see Hijazi, N. H. (315) 209
- Larner, J., see Rosenkrans, A. M. (315) 317
- le Goffic, F., Labia, R. and Andrillon, J.
Affinity chromatography of β -lactamases (315) 439
- Lönnerdal, B. and Janson, J.-C.
Studies on myrosinases. II. Purification and characterization of a myrosinase from rapeseed (*Brassica napus* L.) (315) 421
- Louvard, D., see Baratti, J. (315) 147
- McGirr, L., see Bodnaryk, R. P. (315) 352
- Maeda, H., Suzuki, H. and Yamauchi, A.
Preparation of immobilized enzymes by γ -ray irradiation (315) 18
- Maijub, A. B., Pecht, M. A., Miller, G. R. and Carper, W. R.
Arabinose(fucose) dehydrogenase from pig liver. I. Isolation and purification (315) 37
- Maroux, S., see Baratti, J. (315) 147
- Massey, V., see Mayhew, S. G. (315) 181
- Matsumura, Y., see Iguchi, M. (315) 285
- Mayhew, S. G. and Massey, V.
Studies on the kinetics and mechanism of reduction of flavodoxin from *Peptostreptococcus elsdenii* by sodium dithionite (315) 181
- Mendicino, J., see Hanna, R. (315) 259
- Mervetsov, N. P., Chesnokov, V. N. and Salganik, R. I.
Specific changes in the activity of tyrosine aminotransferase isoenzymes in rat liver after cortisol treatment and partial hepatectomy (315) 61
- Miller, G. R., see Maijub, A. G. (315) 37
- Miller, S. T., see Berliner, L. J. (315) 195
- Mollenhauer, H. H., see Nyquist, S. E. (315) 103
- Moret, V., see Baggio, B. (315) 347
- Mori, K., see Iguchi, M. (315) 285
- Moser, K., see Cowell, J. L. (315) 449
- Mugibayashi, Y., see Sawada, S. (315) 204
- Nakajima, T., Oshima, G., Yeh, H. S. J., Igic, R. and Erdös, E. G.
Purification of the angiotensin I converting enzyme of the lung (315) 430
- Ng, W. G., see Bergren, W. R. (315) 464
- Niwa, S., see Uchiyama, T. (315) 412
- Nosoh, Y., see Hachimori, A. (315) 481
- Nyquist, S. E. and Mollenhauer, H. H.
A golgi apparatus acid phosphatase (315) 103
- Ogata, K., see Sawada, S. (315) 204
- Ohlsson, P.-I. and Paul, K.-G.
Horseradish peroxidase with 2,4-modified haematin, including vinyl homologues (315) 293
- Ohyama, H., see Iguchi, M. (315) 285
- Oshima, G., see Nakajima, T. (315) 430
- Paul, K.-G., see Ohlsson, P.-I. (315) 293
- Pecht, M. A., see Maijub, A. G. (315) 37
- Perry, A. L., see Bartholomew, B. A. (315) 123
- Pichard, A.-L., Hanoune, J. and Kaplan, J.-C.
Multiple forms of cyclic adenosine 3',5'-monophosphate phosphodiesterase from human blood platelets. I. Kinetic and electrophoretic characterization of two molecular species (315) 370
- Pickens, M., see Hanna, R. (315) 259
- Piotrowski, R., see Kumar, R. (315) 66
- Ramaley, R. F. and Hudock, P.
Purification and properties of isocitrate dehydrogenase (NADP) from *Thermus aquaticus* YT-1, *Bacillus subtilis*-168 and *Chlamydomonas reinhardtii*-Y-2 (315) 22
- Ramseyer, J. and Harding, B. W.
Solubilization and properties of bovine adrenal cortical cytochrome P-450 which cleaves the cholesterol side chain (315) 306
- Reiner, E., see Škrinjaric-Špoljar, M. (315) 363
- Rose, F. A., see Denner, W. H. B. (315) 394
- Rosenkrans, A. M. and Larner, J.
Proof of phosphorylation and evidence for different primary structure of phosphorylated sites of glycogen synthases from rabbit and frog tissues (315) 317
- Royer, G. P., see Berliner, L. J. (315) 195
- Rutten, W. J., Schoot, B. M. and de Pont, J. J. H. H. M.
Adenosine 3',5'-monophosphate phosphodiesterase assay in tissue homogenates (315) 378
- Rutten, W. J., Schoot, B. M., de Pont, J. J. H. H. M. and Bonting, S. L.
3',5'-Adenosine monophosphate phosphodiesterase in rat pancreas (315) 384
- Salganik, R. I. see Mervetsov, N. P. (315) 61
- Sandoval, I. V. and Carbonell, J.
Adaptability of pyruvate kinase L in rat

- liver kidney, and reticulocytes without accompanying changes in the A isoenzyme (315) 343
- Sands, M. A., see Sellinger, O. Z. (315) 128
- Santiago, J. C., see Sellinger, O. Z. (315) 128
- Sawada, S., Kumagai, H., Yamada, H., Hill, R. K., Mugibayashi, Y. and Ogata, K.
Stereochemistry of ammonia elimination from L-tyrosine with L-phenylalanine ammonia-lyase (315) 204
- Schoot, B. M., see Rutten, W. J. (315) 378
- Schoot, B. M., see Rutten, W. J. (315) 384
- Sellinger, O. Z., Santiago, J. C., Sands, M. A. and Sloat, B. F.
N-Acetyl- β -D-glucosaminidase of nerve cells: a developmental study of two molecular components (315) 128
- Sheth, K. see Goldman, A. S. (315) 233
- Simeon, V., see Škrinjaric-Špoljar, M. (315) 363
- Sjöberg, B.-M. and Holmgren, A.
Purification of thioredoxin from *Escherichia coli* and bacteriophage T4 by immuno-adsorbent affinity chromatography (315) 176
- Škrinjaric-Špoljar, M., Simeon, V. and Reiner, E.
Spontaneous reactivation and aging of dimethylphosphorylated acetylcholinesterase and cholinesterase (315) 363
- Slater, E. C., see Boers, W. (315) 272
- Sloat, B. F., see Sellinger, O. Z. (315) 128
- Solomon, L., see Kumar, R. (315) 66
- Stokes, A. M., Denner, W. H. B. and Dodgson, K. S.
Kinetic properties of the soluble adenosine 5'-phosphosulphate sulphohydrolase from bovine liver (315) 402
- Stokes, A. M., see Denner, W. H. B. (315) 394
- Suzuki, H., see Maeda, H. (315) 18
- Tanaka, K., see Uchiyama, T. (315) 412
- Toa, M., see Kumar, R. (315) 66
- Tassin, J.-P., Celier, C. and Vandecasteele, J.-P.
Purification and properties of a membrane-bound alcohol dehydrogenase involved in oxidation of long chain hydrocarbons by *Pseudomonas aeruginosa* (315) 220
- Uchiyama, T., Niwa, S. and Tanaka, K.
Purification and properties of *Arthrobacter ureafaciens* inulase II (315) 412
- Unemoto, T., see Hayashi, M. (315) 83
- Uy, R., see Berliner, L. J. (315) 195
- Vandecasteele, J.-P., see Tassin, J.-P. (315) 220
- Van den Eijnden, D. H., see van Dijk, W. (315) 162
- Van Dijk, W., Ferwerda, W. and Van den Eijnden, D. H.
Subcellular and regional distribution of CMP-N-acetylneuraminic acid synthetase in the calf kidney (315) 162
- Van Gelder, B. F., see van Leeuwen, F. X. R. (315) 200
- Van Leeuwen, F. X. R., Wever, R. and van Gelder, B. F.
EPR study of nitric oxide-treated reduced ceruloplasmin (315) 200
- Vessey, D. A. and Zakim, D.
The identification of a unique p-nitrophenol conjugating enzyme in guinea pig liver microsomes (315) 43
- Wever, R., see Van Leeuwen, F. X. R. (315) 200
- Yamada, H., see Sawada, S. (315) 204
- Yamauchi, A., see Maeda, H. (315) 18
- Yeh, H. S. J., see Nakajima, T. (315) 430
- Yoshikawa, K. and Adachi, K.
Protein kinase in the hair follicles of the human scalp and beard (315) 333
- Zakim, D., see Vessey, D. A. (315) 43