

AUTHOR INDEX

- Adams, C. A., Warnes, G. M. and Nicholas, D. J. D.
A sulphite-dependent nitrate reductase from *Thiobacillus denitrificans*, 235 (1971) 398
- Allen, A. K. and Neuberger, A.
The inhibition of goose lysozyme by oligosaccharides from the cell wall of *Micrococcus lysodeikticus*, 235 (1971) 539
- Anderson, L. E.
Chloroplast and cytoplasmic enzymes. II. Pea leaf ribose 5-phosphate isomerases, 235 (1971) 237
- Anderson, L. E.
Chloroplast and cytoplasmic enzymes. III. Pea leaf ribose 5-phosphate isomerases, 235 (1971) 295.
- Arce, E., see Del Castillo, L. M., 235 (1971) 358
- Aw, S. E., see Tan, K. K., 235 (1971) 119
- Baccino, F. M. and Zuretti, M. F.
On the structure-linked sedimentability of rat-liver β -N-acetylglucosaminidase, 235 (1971) 353
- Báčová, M., Zelinková, E. and Zelinka, J.
Exocellular ribonuclease from *Streptomyces aurcofaciens*. I. Isolation and purification, 235 (1971) 335
- Báčová, M., see Zelinková, E., 235 (1971) 343
- Barnard, E. A., see Kawiak, J., 235 (1971) 172
- Battle, A. M. del C., see Wider de Xifra, E. A., 235 (1971) 511
- Bender, M. L., see Valenzuela, P., 235 (1971) 411
- Bishop, D. H. L., see Roy, P., 235 (1971) 191
- Bothwell, M. A. and Datta, P.
Effects of K^+ on the catalytic regulatory properties of homoserine dehydrogenase of *Pseudomonas fluorescens*, 235 (1971) 1
- Brunel, C. and Cathala, G.
Phosphatase alcaline du cerveau de boeuf: Rôle du magnésium sur l'action de la L-phénylalanine et d'autres acides aminés, 235 (1971) 106
- Bublitz, C.
The effects of some nucleosides and dithiothreitol on the stability and activity of liver phenylalanine hydroxylase, 235 (1971) 311
- Carminatti, H., see Jiménez de Asúa, L., 235 (1971) 326
- Carter, M. J.
The carbonic anhydrase in the rumen epithelial tissue of the ox, 235 (1971) 222
- Castaneda-Agulló, M., see Del Castillo, L. M., 235 (1971) 358
- Cathala, G., see Brunel, C., 235 (1971) 106
- Cohen, S. N., see Steinberg, M. S., 235 (1971) 89
- Cotton, R. G. H.
Phenylalanine hydroxylase of *Macaca irus*: Purification of two components of the enzyme, 235 (1971) 61
- Cruz, M. T., see Del Castillo, L. M., 235 (1971) 358
- Danner, D. J. and Morrison, M.,
Isolation of the thyroid peroxidase complex, 235 (1971) 44
- Datta, P., see Bothwell, M. A., 235 (1971) 1
- Del Castillo, L. M., Nieto, Z., Arce, E., Incl. Shizukawa, G., Cruz, M. T. and Castaneda-Agulló, M.
Interpretation of rate profiles of the pH-dependent trypsin- and α -chymotrypsin-catalyzed hydrolysis of esters with a free α -amino group, 235 (1971) 358
- Del Monte, M., see Rao, G. J. S., 235 (1971) 454
- Devalle, J. J., see Jiménez de Asúa, L., 235 (1971) 326
- DiPietro, D. L.,
Purification and properties of human placental acid phosphatase III, 235 (1971) 458
- Domaniński, J., see Zgliczyński, J. M., 235 (1971) 419
- Doughty, C. C., see Sheys, G. H., 235 (1971) 414
- Dunn, N. W. and McQuillan, M. T.,
Purification and properties of a peptidase from thyroid glands, 235 (1971) 119
- Durbin, R. D. and Uchytíl, T. F.,
Purification and properties of alliin lyase from the fungus *Penicillium corymbiferum*, 235 (1971) 518
- Ebner, K. E., see Fitzgerald, D. K., 235 (1971) 425
- Feder, J., Garrett, L. R., and Kochavi, D.,
Studies on the inhibition of neutral proteases by 1,10-phenanthroline, 235 (1971) 379
- Fitzgerald, D. K., McKenzie, L. and Ebner, K. E.,
Galactosyl transferase activity in a variety of sources, 235 (1971) 425
- Fleisher, J. H., see Thomas, N. C., 235 (1971) 542
- Frère, J. M. and Verly, W. G.,
Catechol-O-methyltransferase: The para- and meta-O-methylations of noradrenaline, 235 (1971) 73
- Frère, J. M. and Verly, W. G.,
O-methylation of noradrenaline and demethylation in rat blood, 235 (1971) 85
- Fretto, L. and Strickland, E. H.,
Effect of temperatures upon the conformation of carboxypeptidase A (Anson), A_2^{ben} , A_2^{val} , $A_{\alpha,\beta}$, 235 (1971) 473
- Fretto, L. and Strickland, E. H.,
Use of circular dichroism to study the interactions of carboxypeptidase A (Anson) and $A_{\alpha,\beta}$ with substrates and inhibitors, 235 (1971) 489

- Fritzson, P. and Smith, J.
A new nucleotidase of rat liver with activity toward 3'- and 5'-nucleotides, 235 (1971) 128
- Garrett, L. R., see Feder, J., 235 (1971) 370
- Gertler, A. and Hayashi, K.
Esterolytic, elastase-like activity of purified alkaline proteinase from *Aspergillus sojae*, 235 (1971) 378
- Getzin, L. W. and Rosefield, I.,
Partial purification and properties of a soil enzyme that degrades the insecticide malathion, 235 (1971) 442
- Gratecos, D., see Shaw, M. C., 235 (1971) 188
- Grisebach, H., see Wellmann, E., 235 (1971) 389
- Gourlay, G. C., see Marsh, C. A., 235 (1971) 142
- Harris, L. W., see Thomas, N. C., 235 (1971) 542
- Hayashi, K., see Gertler, A., 235 (1971) 378
- Inei-Shizukawa, G., see Del Castillo, L. M., 235 (1971) 358
- Jiménez de Asúa, L., Rozengurt, E., Devalle, J. J. and Carminatti, H.
Some kinetic differences between the M isoenzymes of pyruvate kinase from liver and muscle, 235 (1971) 326
- Kaplan, B. H.
 δ -Aminolevulinic acid synthetase from the particulate fraction of liver of porphyric rats, 235 (1971) 381
- Kawiak, J., Vensel, W. H., Komender, J. and Barnard, E. A.
Non-pancreatic proteases of the chymotrypsin family. I. A chymotrypsin-like protease from rat mast cells, 235 (1971) 172
- Keleman, G. Sz. and Mühlrad, A.
The kinetics of activation of myosin ATPase by monovalent cations, 235 (1971) 503
- Kirschenbaum, D. M.
The enhancement of the enzymatic activity of papain by reaction with N-bromosuccinimide, 235 (1971) 159
- Klungsoyr, L., see Kryvi, H., 235 (1971) 429
- Kochavi, D., see Feder, J., 235 (1971) 370
- Komender, J., see Kawiak, J., 235 (1971) 172
- Kryvi, H. and Klungsoyr, L.
Kinetic properties of phosphoribosyladenosine triphosphate synthetase: Inhibition by aggregation at high concentrations, 235 (1971) 429
- LaRue, J. N., see Lee, H.-J., 235 (1971) 521
- Lee, H.-J., LaRue, J. N. and Wilson, I. B.
Angiotensin-converting enzyme from porcine plasma, 235 (1971) 521
- Lee, J. C.
Preparation and properties of water-insoluble derivatives of ribonuclease T₁, 235 (1971) 435
- Lehmann, F.-G.
Glutamate dehydrogenase from human liver. III. Antibody-binding sites and properties of the antigen-antibody complex, 235 (1971) 259
- Lowe, J. and Slack, C. R.
Inhibition of maize leaf phosphopyruvate carboxylase by oxaloacetate, 235 (1971) 207
- Marsh, C. A. and Gourlay, G. C.,
Evidence for a non-lysosomal α -mannosidase in rat liver homogenates, 235 (1971) 142
- Massey, V., see Mayhew, S. G., 235 (1971) 303
- Mattiasson, B. and Mosbach, K.
Studies on a matrix-bound three-enzyme system, 235 (1971) 253
- Mayhew, S. G.
Properties of two clostridial flavodoxins, 235 (1971) 276
- Mayhew, S. G.
Studies on flavin binding in flavodoxins, 235 (1971) 289
- Mayhew, S. G. and Massey, V.
Evidence for a novel flavin prosthetic group associated with a NADH dehydrogenase from *Peptostreptococcus elsdenii*, 235 (1971) 303
- McKenzie, L., see Fitzgerald, D. K., 235 (1971) 425
- McQuillan, M. T., see Dunn, N. W., 235 (1971) 149
- Mitsui, A., see Murakami, K., 235 (1971) 99
- Morrison, M., see Danner, D. J., 235 (1971) 44
- Mosbach, K., see Mattiasson, B., 235 (1971) 253
- Mühlrad, A., see Keleman, G. Sz., 235 (1971) 503
- Murakami, K., Mitsui, A. and Tsushima, K.
Purine nucleoside phosphorylase of chicken liver, 235 (1971) 99
- Nadler, H. L., see Rao, G. J. S., 235 (1971) 454
- Neuberger, A., see Allen, A. K., 235 (1971) 539
- Nicholas, D. J. D., see Adams, C. A., 235 (1971) 398
- Nieto, Z., see Del Castillo, L. M., 235 (1971) 358
- Nishino, T., Ogura, K. and Seto, S.
Reactivity of artificial substrates for prenyltransferase, 235 (1971) 322
- Nosoh, Y., see Sugimoto, S., 235 (1971) 210
- Odajima, T.
Myeloperoxidase of the leukocyte of normal blood. II. The oxidation-reduction reaction mechanism of the myeloperoxidase system, 235 (1971) 52
- O'Dell, B. L., see Rucker, R. B., 235 (1971) 32
- Ogura, K., see Nishino, T., 235 (1971) 322
- O'Leary, M. H.
The rate-determining step in the oxidative decarboxylation of isocitric acid, 235 (1971) 14
- Ostrowski, W., see Zgliczyński, J. M., 235 (1971) 419
- Price, N. C. and Radda, G. K.
The binding of NAD⁺ to rabbit muscle glyceraldehyde-3-phosphate dehydrogenase studied by protein fluorescence quenching, 235 (1971) 27
- Radda, G. K., see Price, N. C., 235 (1971) 27
- Rao, G. J. S., Del Monte, M. and Nadler, H. L.
A K⁺-activated ethacrynic acid-sensitive

- p-nitrophenylphosphatase from normal human white cells, 235 (1971) 454
- Rosefield, I., see Getzin, L. W., 235 (1971) 442
- Roy, P. and Bishop, D. H. L.
Nucleoside triphosphate phosphotransferase — a new enzyme activity of oncogenic and non-oncogenic "budding" viruses, 235 (1971) 191
- Rozengurt, E., see Jiménez de Asúa, L., 235 (1971) 326
- Rucker, R. B. and O'Dell, B. L.
Connective tissue amine oxidase. I. Purification of bovine aorta amine oxidase and its comparison with plasma amine oxidase, 235 (1971) 32
- Seto, S., see Nishino, T., 235 (1971) 322
- Shaw, M. C. and Gratecos, D.
Partial identification of a chymotrypsin formed by incubation of bovine chymotrypsinogen A with papain, 235 (1971) 188
- Sheys, G. H. and Doughty, C. C.
Subunits of aldose reductase from *Rhodotorula*, 235 (1971) 414
- Slack, C. R., see Lowe, J., 235 (1971) 207
- Smith, I., see Fritts, P., 235 (1971) 128
- Speziali, G. A. G. and Van Wijk, R.
Cyclic 3',5'-AMP phosphodiesterase of *Saccharomyces carlsbergensis*. Inhibition by adenosine 5'-triphosphate, inorganic pyrophosphate and inorganic polyphosphate, 235 (1971) 466
- Spomer, W. E. and Wootton, J. F.
The hydrolysis of α -N-benzoyl-L-argininamide catalyzed by trypsin and acetyltryptsin: Dependence on pH, 235 (1971) 164
- Steinberg, M. S., Cohen, S. N. and Weber, W. W.
Isotope exchange studies on rabbit N-acetyltransferase, 235 (1971) 89
- Stelmaszyńska, T., see Zgliczyński, J. M., 235 (1971) 419
- Strickland, E. H., see Fretto, L., 235 (1971) 473
- Strickland, E. H., see Fretto, L., 235 (1971) 489
- Sugimoto, S. and Nosoh, Y.
Thermal properties of fructose-1,6-diphosphate aldolase from thermophilic bacteria, 235 (1971) 210
- Taketa, K. and Watanabe, A.
Interconvertible microheterogeneity of glucose-6-phosphate dehydrogenase in rat liver, 235 (1971) 19
- Tan, K. K. and Aw, S. E.
The purification and properties of heat-stable alkaline phosphatase isoenzymes from HeLa cells, 235 (1971) 119
- Thomas, N. C., Fleisher, J. H. and Harris, L. W.
Utilization of [32 P]soman for measurement of acetylcholinesterase in brain tissues, 235 (1971) 542
- Tigier, H. A., see Wider de Xifra, E. A., 235 (1971) 511
- Tsushima, K., see Murakami, K., 235 (1971) 99
- Uchytel, T. F., see Durbin, R. D., 235 (1971) 518
- Valenzuela, P. and Bender, M. L.
Conformation of δ -chymotrypsin during catalysis. Chemical reactivity of the isoleucine 16 amino group in the acyl-enzyme intermediate, 235 (1971) 411
- Van Wijk, R., see Speziali, G. A. G., 235 (1971) 466
- Vensel, W. H., see Kawiak, J., 235 (1971) 172
- Verly, W. G., see Frère, J. M., 235 (1971) 73
- Verly, W. G., see Frère, J. M., 235 (1971) 85
- Warnes, G. M., see Adams, C. A., 235 (1971) 398
- Watanabe, A., see Taketa, K., 235 (1971) 19
- Weber, W. W., see Steinberg, M. S., 235 (1971) 89
- Wellmann, E. and Grisebach, H.
Purification and properties of an enzyme preparation from *Lemma minor* L. catalyzing the synthesis of UDP-apiiose and UDP-D-xylose from UDP-D-glucuronic acid, 235 (1971) 389
- Wider de Xifra, E. A., del C. Battle, A. M. and Tigier, H. A.
 δ -Aminolaevulinic synthetase in extracts of cultured soybean cells, 235 (1971) 511
- Wilson, I. B., see Lee, H.-J., 235 (1971) 521
- Wootton, J. F., see Spomer, W. E., 235 (1971) 164
- Zelinková, E., Bačová, M. and Zelinka, J.
Exocellular ribonuclease from *Streptomyces aureofaciens*. II. Properties and specificity, 235 (1971) 343
- Zelinka, J., see Bačová, M., 235 (1971) 335
- Zelinka, J., see Zelinková, E., 235 (1971) 343
- Zelinková, E., see Bačová, M., 235 (1971) 335
- Zgliczyński, J. M., Stelmaszyńska, T., Domański, J. and Ostrowski, W.
Chloramines as intermediates of oxidation reaction of amino acids by myeloperoxidase, 235 (1971) 419
- Zuretti, M. F., see Baccino, F. M., 235 (1971) 353