

AUTHOR INDEX

- Aminoff, D., Austrins, M. and Zolfaghari, S. P.
Plasma alkaline phosphatase isozymes: isolation and characterization of isozymes, 242 (1971) 108
- Anno, K., see Kawai, Y., 242 (1971) 428
- Apte, B. N. and Siddiqi, O.
Purification and properties of arylsulphatase of *Aspergillus nidulans*, 242 (1971) 129
- Aurbach, G. D., see Marcus, R., 242 (1971) 410
- Auricchio, F., see Sica, V., 242 (1971) 422
- Austrins, M., see Aminoff, D., 242 (1971) 108
- Badour, S. S. and Waygood, E. R.
Glyoxylate carboxylase activity in the unicellular green alga *Gloeomonas* sp., 242 (1971) 493
- Ballard, F. J.
Electrophoretic and chromatographic separation of phosphoenolpyruvate carboxykinases, 242 (1971) 470
- Bamburg, J. R., see Flanders, L. E., 242 (1971) 566
- Barriso, J. A., see Lee, E. W., 242 (1971) 216
- Bernofsky, C. and Pankow, M.
Role of dehydrogenase binding in protection of NAD from enzymatic hydrolysis, 242 (1971) 437
- Bolger, C. D., see Lee, M. B., 242 (1971) 226
- Borgström, B. and Erlanson, C.
Pancreatic juice co-lipase: Physiological importance, 242 (1971) 509
- Bosmann, H. B. and Hemsworth, B. A.
Intraneural glycosidases. II. Purification and properties of α -fucosidase, β -fucosidase, α -mannosidase and β -xylosidase of rat cerebral cortex, 242 (1971) 152
- Braun, J., see Karpatkin, S., 242 (1971) 89
- Braunstein, A. E., Goryachenkova, E. V., Tolosa, E. A., Willhardt, I. H. and Yefremova, L. L.
Specificity and some other properties of liver serine sulphhydrase: Evidence for its identity with cystathionine β -synthase, 242 (1971) 247
- Bridges, J. M., see Lee, M. B., 242 (1971) 226
- Brown, N. E. and Lerner, J.
Molecular characteristics of the totally dependent and independent forms of glycogen synthase of rabbit skeletal muscle. I. Preparation and characteristics of the totally glucose-6-phosphate dependent form, 242 (1971) 69
- Brown, N. E., see Smith, C. H., 242 (1971) 81
- Bruni, C. B., see Sica, V., 242 (1971) 422
- Büki, K. G., Robinson, C. H. and Talalay, P.
An active-site-directed irreversible inhibitor of Δ^5 -3-ketosteroid isomerase, 242 (1971) 268
- Campbell, B. J., see Harper, C., 242 (1971) 446
- Caulini, G., see Magni, G., 242 (1971) 123
- Cheung, H. S. and Cushman, D. W.
A soluble aspartate aminopeptidase from dog kidney, 242 (1971) 190
- Cheung, W. Y.
Cyclic 3',5'-nucleotide phosphodiesterase effect of divalent cations, 242 (1971) 395
- Cheung, W. Y., see Song, S.-Y., 242 (1971) 593
- Cohen, P. F. and Colman, R. F.
Purification of NAD⁺-specific isocitrate dehydrogenase from porcine heart, 242 (1971) 325
- Colman, R. F., see Cohen, P. F., 242 (1971) 325
- Costa Plá, L.
Streptomycin biosynthesis. I. Existence of two amidinotransferase activities in *Streptomyces griseus*, 242 (1971) 541
- Cushman, D. W., see Cheung, H. S., 242 (1971) 190
- Dahlqvist, A., see Nordström, C., 242 (1971) 209
- Desnuelle, P., see Verger, R., 242 (1971) 580
- Doughty, C. C., see Sheys, G. H., 242 (1971) 523
- Dunnill, P., see Robinson, P. J., 242 (1971) 659
- Erlanson, C., see Borgström, B., 242 (1971) 509
- Flanders, L. E., Bamburg, J. R. and Sallach, H. J.
Pyruvate kinase isozymes in adult tissue and eggs of *Rana pipiens*. II. Physical and kinetic studies of purified skeletal and heart muscle pyruvate kinases, 242 (1971) 566
- Fourcade, A. et Venard, R.
Glutamate déshydrogénase de levure spécifique du NADP⁺: Rôle du phosphate sur la réaction de désamination oxydative du glutamate, 242 (1971) 331
- Franks, D. J., see Stansfield, D. A., 242 (1971) 606
- Fujii, S., see Muramatsu, M., 242 (1971) 203
- Fukui, T., see Kamogawa, A., 242 (1971) 55
- Goldman, R. and Lenhoff, H. M.
Glucose-6-phosphate dehydrogenase adsorbed on collodion membranes, 242 (1971) 514
- Görisch, H. and Lingens, F.
3-Deoxy-D-arabino-heptulosonate-7-phosphate synthase of *Streptomyces aureofaciens* Tü 24. I. Partial purification and properties, 242 (1971) 617
- Görisch, H. and Lingens, F.
3-Deoxy-D-arabino-heptulosonate-7-phosphate synthase of *Streptomyces aureofaciens* Tü 24. II. Repression and inhibition by tryptophan and tryptophan analogues, 242 (1971) 630
- Gorkin, V. Z., see Tatyanyenko, L. V., 242 (1971) 23
- Goryachenkov, E. V., see Braunstein, A. E., 242 (1971) 247

- Gvozdev, R. I., see Tatyanko, L. V., 242 (1971) 23
- Harper, C, René, A. and Campbell, B. J.
Renal dipeptidase: Localization and inhibition, 242 (1971) 446
- Hassing, G. S.
Partial purification and some properties of a lipase from *Corynebacterium acnes*, 242 (1971) 381
- Hawthorne, J. N., see White, D. A., 242 (1971) 99
- Hemmings, W. A., see Jones, R. E., 242 (1971) 278
- Hemsworth, B. A., see Bosmann, H. B., 242 (1971) 152
- Hibbert, F., Kyrtopoulos, S. A. and Satchell, D. P. N.
Kinetic studies with phosphotransacetylase, 242 (1971) 39
- Horne, R. N. and Nordlie, R. C.
Activation by bicarbonate, orthophosphate, and sulfate of rat liver microsomal glucose dehydrogenase, 242 (1971) 1
- Huggins, C. G., see Sander, G. E., 242 (1971) 662
- Inoue, A. and Iwata H.
Effects of monovalent cations and ATP on brain thiamine diphosphatase of normal rats, 242 (1971) 459
- Iwata, H., see Inoue, A., 242 (1971) 459
- Jansen, H., see Zeylemaker, W. P., 242 (1971) 14
- Jones, R. E. and Hemmings, W. A.
Proteolytic enzymes of the yolk-sac splanchnopleur, 242 (1971) 278
- Kamogawa, A. and Fukui, T.
Purification and properties of glycogen phosphorylase from bovine spleen, 242 (1971) 55
- Karpatkin, S. and Braun, J.
Solubilization and partial purification of sarcoplasmic reticulum-bound hexokinase of frog skeletal muscle. Physical and kinetic properties of bound, unbound and rebound hexokinase, 242 (1971) 89
- Kawai, Y. and Anno, K.
Mucopolysaccharide-degrading enzymes from the liver of the squid, *Ommastrephes sloani pacificus*. I. Hyaluronidase, 242 (1971) 428
- Kelly, G. J. and Turner, J. F.
Cooperativity in pea-seed phosphofructokinase, 242 (1971) 559
- Kim, W. J. and White, T. T.
Four forms of human pancreatic procarboxypeptidase A demonstrated by isoelectric focusing, 242 (1971) 441
- Koga, T., see Ressler, C., 242 (1971) 473
- Kwong, A., see Line, W. F., 242 (1971) 194
- Kyrtopoulos, S. A., see Hibbert, F., 242 (1971) 39
- Larner, J., see Brown, N. E., 242 (1971) 69
- Larner, J., see Smith, C. H., 242 (1971) 81
- Lebedeva, O. I., see Tatyanko, L. V., 242 (1971) 23
- Lee, E. W., Barriso, J. A., Pepe, M. and Snyder, R.
Purification and properties of liver triose phosphate isomerase, 242 (1971) 261
- Lee, H.-J. and Wilson, I. B.
Enzymic parameters: Measurement of V and K_m , 242 (1971) 519
- Lee, M. B., Bolger, C. D. and Bridges, J. M.
Factors influencing the "in vitro" enhancement of L-asparaginase activity, 242 (1971) 226
- Lenhoff, H. M., see Goldman, R., 242 (1971) 514
- Lilly, M. D., see Robinson, P. J., 242 (1971) 659
- Line, W. F., Kwong, A. and Weetall, H. H.
Pepsin insolubilized by covalent attachment to glass: Preparation and characterization, 242 (1971) 194
- Lingens, F., see Görisch, H., 242 (1971) 617
- Lingens, F., see Görisch, H., 242 (1971) 630
- Lucchini, G.
Control of glucose phosphorylation in *Euglena gracilis*: I. Partial characterization of a glucokinase, 242 (1971) 365
- Magaña-Plaza, I., Montes, C. and Ruiz-Herrera, J.
Purification and biochemical characteristics of urease from *Proteus rettgeri*, 242 (1971) 230
- Magni, G., Caulini, G. and Moret, V.
Further comparative characterization of rat liver mitochondrial and cytosol protein phosphatase, 242 (1971) 123
- Marcus, R. and Aurbach, G. D.
Adenyl cyclase from renal cortex, 242 (1971) 410
- Mitsuda, H., see Suzuki, Y., 242 (1971) 500
- Mitsuda, H., see Suzuki, Y., 242 (1971) 504
- Möllby, R., see Wadström, T., 242 (1971) 288
- Möllby, R., see Wadström, T., 242 (1971) 308
- Montes, C., see Magaña-Plaza, I., 242 (1971) 230
- Moret, V., see Magni, G., 242 (1971) 123
- Moriyama, T., see Yamasaki, H., 242 (1971) 637
- Muramatu, M. and Fujii, S.
Inhibitory effects of ω -amino acid esters on trypsin, plasmin, plasma kallikrein and thrombin, 242 (1971) 203
- Nenner, M.
Bestimmung der molaren Konzentration von Acetylcholinesterase durch Phosphorylierung mit Paraoxon oder Soman, 242 (1971) 371
- Nicholls, R. G. and Roy, A. B.
The sulphatase of ox liver. XV. Changes in the properties of sulphatase A in the presence of substrate, 242 (1971) 141
- Nordlie, R. C., see Horne, R. N., 242 (1971) 1
- Nordström, C. and Dahlqvist, A.
Rat enterokinase: The effect of ions and the localization in the intestine, 242 (1971) 209
- O'Leary, M. H.
A proposed structure for the 330-nm chro-

- mophore of glutamate decarboxylase and other pyridoxal 5'-phosphate dependent enzymes, 242 (1971) 484
- Pankow, M., see Bernofsky, C., 242 (1971) 437
- Parkinson, D. K. and Radde, I. C.
Properties of Ca^{2+} - and Mg^{2+} -activated ATP-hydrolyzing enzyme in rat kidney cortex, 242 (1971) 238
- Pepe, M., see Lee, E. W., 242 (1971) 261
- Pounder, D. J., see White, D. A., 242 (1971) 99
- Radde, I. C., see Parkinson, D. K., 242 (1971) 238
- Ramasarma, T., see Susheela, L., 242 (1971) 532
- René, A., see Harper, C., 242 (1971) 446
- Ressler, C. and Koga, T.
 α -Cyanoamino acids and related nitriles as inhibitors of glutamate decarboxylase, 242 (1971) 473
- Robinson, C. H., see Büki, K. G., 242 (1971) 268
- Robinson, P. J., Dunnill, P. and Lilly, M. D.
Porous glass as a solid support for immobilisation or affinity chromatography of enzymes, 242 (1971) 659
- Roy, A. B., see Nicholls, R. G., 242 (1971) 141
- Ruiz-Herrera, J., see Magaña-Plaza, I., 242 (1971) 230
- Sallach, H. J., see Flanders, L. E., 242 (1971) 566
- Sander, G. E., West, D. W. and Huggins, C. G.
Peptide inhibitors of pulmonary angiotensin I converting enzyme, 242 (1971) 662
- Sarda, L., see Verger, R., 242 (1971) 580.
- Satchell, D. P. N., see Hibbert, F., 242 (1971) 39
- Shall, S., see Waheed, A., 242 (1971) 172
- Sheys, G. H. and Doughty, C. C.
The reaction mechanism of aldose reductase from *Rhodotorula*, 242 (1971) 523
- Siani, A., see Sica, V., 242 (1971) 422
- Sica, V., Siani, A., Bruni, C. B. and Arichio, F.
Maltase, isomaltase and glucoamylase activities of the acid α -D-glucoside glucohydrolase isolated from cattle liver, 242 (1971) 422
- Siddiqi, O., see Apte, B. N., 242 (1971) 129
- Slater, E. C., see Zeylemaker, W. P., 242 (1971) 14
- Smith, C. H., Brown, N. E. and Lerner, J.
Molecular characteristics of the totally dependent and independent forms of glycogen synthase of rabbit skeletal muscle. II. Some chemical characteristics of the enzyme protein and of its change on interconversion, 242 (1971) 81
- Smith, J. E.
D- γ -glutamylcystine as a substrate for glutathione reductase, 242 (1971) 36
- Snyder, R., see Lee, E. W., 242 (1971) 261
- Song, S.-Y. and Cheung, W. Y.
Cyclic 3',5'-nucleotide phosphodiesterase: Properties of the enzyme of human blood platelets, 242 (1971) 593
- Stansfield, D. A. and Franks, D. J.
Adenyl cyclase and "ATPase" in rat corpus luteum. I. Some properties of the enzymes, 242 (1971) 606
- Susheela, L. and Ramasarma, T.
Activation of succinate dehydrogenase by 2,4-dinitrophenol—a competitive inhibitor, 242 (1971) 532
- Suzuki, Y. and Mitsuda, H.
NAD⁺-dependent formation of 2-amino-4-hydroxy-6-carboxypteridine from 2-amino-4-hydroxy-6-formylpteridine by cell-free extracts of *Escherichia coli*, 242 (1971) 504
- Suzuki, Y. and Mitsuda, H.
A second-order kinetic reaction catalyzed by riboflavin synthetase from a high-riboflavinogenic *Eremothecium ashbyii*, 242 (1971) 500
- Talalay, P., see Büki, K. G., 242 (1971) 268
- Tatyanenko, L. V., Gvozdev, R. I., Lebedeva, O. I., Vorobyov, L. V., Gorkin, V. Z. and Yakovlev, V. A.
Properties of tyramine oxidase from *Sarcina lutea*: Oxidation of SH groups and qualitative alteration in substrate and inhibitor specificity, 242 (1971) 23
- Taylor, R. T.
Escherichia coli B N⁵-methyltetrahydrofolate-homocysteine cobalamin methyltransferase: Gel-filtration behavior of apoenzyme and holoenzymes, 242 (1971) 355
- Tolosa, E. A., see Braunstein, A. E., 242 (1971) 247
- Tourian, A.
Activation of phenylalanine hydroxylase by phenylalanine, 242 (1971) 345
- Turner, J. F., see Kelly, G. J., 242 (1971) 559
- Veeger, C., see Zeylemaker, W. P., 242 (1971) 14
- Venard, R., see Fourcade, A., 242 (1971) 331
- Verger, R., Sarda, L. and Desnuelle, P.
On the sulfhydryl groups of porcine pancreatic lipase and their possible role in the activity of the enzyme, 242 (1971) 580.
- Vorobyov, L. V., see Tatyanenko, L. V., 242 (1971) 23
- Wadström, T. and Möllby, R.
Studies on extracellular proteins from *Staphylococcus aureus*. VI. Production and purification of β -haemolysin in large scale, 242 (1971) 288
- Wadström, T. and Möllby, R.
Studies on extracellular proteins from *Staphylococcus aureus*. VII. Studies on β -haemolysin, 242 (1971) 308
- Waheed, A. and Shall, S.
Chemical modification of the active site of yeast invertase, 242 (1971) 172
- Waygood, E. R., see Badour, S. S., 242 (1971) 493
- Weetall, H. H., see Line, W. F., 242 (1971) 194
- West, D. W., see Sander, G. E., 242 (1971) 662
- White, D. A., Pounder, D. J. and Hawthorne, J. N.

- Phospholipase A₁ activity of guinea pig pancreas, 242 (1971) 99
- White, T. T., see Kim, W. J., 242 (1971) 441
- Willhardt, I. H., see Braunstein, A. E., 242 (1971) 247
- Wilson, I. B., see Lee, H.-J., 242 (1971) 519
- Winsnes, A.
The effects of sulphydryl reacting agents on hepatic UDP glucuronyltransferase in vitro, 242 (1971) 549
- Yakovlev, V. A., see Tatyanyenko, L. V., 242 (1971) 23
- Yamasaki, H. and Moriyama, T.
Purification, general properties and two other catalytic activities of α -ketoglutarate: glyoxylate carboligase of *Mycobacterium phlei*, 242 (1971) 637
- Yefremova, L. L., see Braunstein, A. E., 242 (1971) 247
- Zeylemaker, W. P., Jansen, H., Veeger, C. and Slater, E. C.
Studies on succinate dehydrogenase. VII. The effect of temperature on the succinate oxidation, 242 (1971) 14
- Zolfaghari, S. P., see Aminoff, D., 242 (1971) 108