

# CITATION REPORT

List of articles citing

A simplified ultrasensitive silver stain for detecting proteins in polyacrylamide gels

DOI: 10.1016/0003-2697(80)90470-4  
Analytical Biochemistry, 1980, 105, 361-3.

**Source:** <https://exaly.com/paper-pdf/14576971/citation-report.pdf>

**Version:** 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2169	Two-dimensional micro-electrophoresis of proteins from plant-parasitic nematodes: Increased sensitivity of protein detection by silver staining or in vivo labeling. <b>1980</b> , 1, 198-200		7
2168	Purification and phosphorylation of human initiation factor eIF-2. <b>1980</b> , 97, 1420-8		4
2167	Two kinds of slow skeletal muscle fibers which differ in their myosin light chain complements. <b>1980</b> , 122, 80-2		30
2166	Characterization of a purified cell surface glycoprotein as a contact site in <i>Polysphondylium pallidum</i> . <b>1981</b> , 134, 181-91		26
2165	Sarcolemmal protein profiles from cultured myotubes and myoblasts. <b>1981</b> , 73, 837-41		
2164	The hydrophobic nature of the pig intrinsic factor receptor in the intestine. <b>1981</b> , 646, 268-73		4
2163	PF1 filamentous bacterial virus. X-ray fibre diffraction analysis of two heavy-atom derivatives. <b>1981</b> , 149, 675-707		65
2162	A highly sensitive technique for staining DNA and RNA in polyacrylamide gels using silver. <b>1981</b> , 5, 219-28		39
2161	The ultrasensitive silver "protein" stain also detects nanograms of nucleic acids. <b>1981</b> , 102, 53-8		85
2160	Extracellular folate deaminase of <i>Dictyostelium discoideum</i> . <b>1981</b> , 677, 295-302		12
2159	Muscle protein analysis. III. Analysis of solubilized frozen-tissue sections by two-dimensional electrophoresis.. <b>1981</b> , 27, 1918-1921		27
2158	ISOELECTRIC FOCUSING AND TWO DIMENSIONAL MAPS OF NORMAL AND CYSTIC FIBROSIS SALIVA. <b>1981</b> , 317-328		
2157	A UNIQUE SILVER STAINING PROCEDURE FOR COLOUR CHARACTERIZATION OF POLYPEPTIDES. <b>1981</b> , 155-166		
2156	Abnormal action potentials associated with the Shaker complex locus of <i>Drosophila</i> . <b>1981</b> , 78, 6548-52		150
2155	Purification of the saxitoxin receptor of the sodium channel from rat brain. <b>1981</b> , 78, 4620-4		198
2154	Purification of a new protein stimulating RNA polymerase II from Ehrlich ascites tumor cells: comparison with proteins purified before. <b>1981</b> , 90, 805-14		7
2153	High-resolution analytical techniques for proteins and peptides and their applications in clinical chemistry. <b>1981</b> , 22, 247-96		5

2152	Gene expression of myofibrillar proteins in single muscle fibers of adult chicken: micro two dimensional gel electrophoretic analysis. <b>1981</b> , 89, 1951-62		102
2151	Gametophytic transcription for acid phosphatases in pollen of Cucurbita species hybrids. <b>1981</b> , 72, 353-354		31
2150	A compensating trisomic in pearl millet. <b>1981</b> , 72, 354-355		6
2149	Purified glucocorticoid receptors bind selectively in vitro to a cloned DNA fragment whose transcription is regulated by glucocorticoids in vivo. <b>1981</b> , 78, 6628-32		301
2148	Adenovirus DNA replication in vitro: purification of the terminal protein in a functional form. <b>1981</b> , 78, 6779-83		110
2147	Binding of the chemoattractant folic acid by Dictyostelium discoideum cells. <b>1981</b> , 115, 391-5		30
2146	H-2D antigens released by thymocytes and cell adhesion. <b>1981</b> , 8, 367-77		5
2145	Immunological analysis of glycoprotein (contact sites A) involved in intercellular adhesion of Dictyostelium discoideum. <b>1981</b> , 17, 197-211		69
2144	Silver staining of proteins in polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1981</b> , 118, 197-203	3.1	3209
2143	Protein-load effects on the pH gradient of isoelectric focusing in polyacrylamide gel. <i>Analytical Biochemistry</i> , <b>1981</b> , 116, 168-73	3.1	14
2142	Purification of tyrosine hydroxylase by high-pressure liquid chromatography. <i>Analytical Biochemistry</i> , <b>1981</b> , 116, 559-63	3.1	4
2141	Silver stain for proteins in polyacrylamide gels: a modified procedure with enhanced uniform sensitivity. <i>Analytical Biochemistry</i> , <b>1981</b> , 117, 307-10	3.1	3836
2140	Ultrasensitive silver-based color staining of polypeptides in polyacrylamide gels. <b>1981</b> , 2, 135-141		550
2139	Visualization of proteins with a silver stain—A critical analysis. <b>1981</b> , 2, 141-147		218
2138	Incorporation of methylamine in an ultrasensitive silver stain for detecting protein in thick polyacrylamide gels. <b>1981</b> , 2, 228-235		54
2137	Silver Stains for proteins in polyacerylamide gels: A comparison of six methods. <b>1981</b> , 2, 304-307		70
2136	Protein synthesis and axonal transport during nerve regeneration. <b>1981</b> , 37, 1203-17		82
2135	A comparison of in vitro- and in vivo-phosphorylated neurofilament polypeptides. <b>1981</b> , 37, 1579-85		55

2134	Nuclear nonhistone proteins in mouse teratocarcinomas : I. Cell lineage specificity. <b>1981</b> , 190, 374-378	4
2133	A protein kinase bound to the projection portion of MAP 2 (microtubule-associated protein 2). <b>1981</b> , 90, 568-76	222
2132	Regulation of H Excretion : ROLE OF PROTEIN RELEASED BY OSMOTIC SHOCK. <b>1982</b> , 69, 945-9	12
2131	Isolation of the catalytic core of DNA polymerase alpha from rabbit bone marrow. <b>1982</b> , 10, 6023-35	9
2130	Improved purification and N-terminal amino acid sequence determination of the contact site A glycoprotein of Dictyostelium discoideum. <b>1982</b> , 363, 771-6	26
2129	Distribution of the core histones H2A.H2B.H3 and H4 during cell replication. <b>1982</b> , 10, 735-48	22
2128	Caenorhabditis elegans spermatozoan locomotion: amoeboid movement with almost no actin. <b>1982</b> , 92, 121-31	129
2127	Isolation of a new high molecular weight protein associated with desmin and vimentin filaments from avian embryonic skeletal muscle. <b>1982</b> , 92, 795-806	55
2126	Muscle protein analysis by two-dimensional gel electrophoresis. <b>1982</b> , 18, 79-109	11
2125	Conversion of simian virus 40 DNA to ordered nucleoprotein structures by extracts that direct accurate initiation by eukaryotic RNA polymerase II. <b>1982</b> , 10, 5533-52	9
2124	Drosophila topoisomerase I: isolation, purification and characterization. <b>1982</b> , 10, 6945-55	41
2123	Transformation induced by Abelson murine leukemia virus involves production of a polypeptide growth factor. <b>1982</b> , 216, 894-7	99
2122	Alzheimer's disease: insolubility of partially purified paired helical filaments in sodium dodecyl sulfate and urea. <b>1982</b> , 215, 1243-5	378
2121	Adenovirus DNA replication in vitro: identification of a host factor that stimulates synthesis of the preterminal protein-dCMP complex. <b>1982</b> , 79, 6438-42	324
2120	Use of a monoclonal antibody to purify the tetrodotoxin binding component from the electroplax of Electrophorus electricus. <b>1982</b> , 79, 7575-9	29
2119	Purification and characterization of a monoclonal T-cell suppressor factor specific for poly(LGlu60LAla30LTyr10). <b>1982</b> , 79, 1254-8	41
2118	Separation of the adenovirus terminal protein precursor from its associated DNA polymerase: role of both proteins in the initiation of adenovirus DNA replication. <b>1982</b> , 79, 5225-9	119
2117	Purification of a lymphoid cell line product with leukocyte inhibitory factor activity. <b>1982</b> , 79, 601-5	9

2116	Is DNA unwound by the cyclic AMP receptor protein?. <b>1982</b> , 10, 473-85		99
2115	Granules 25-30 nm in diameter: basic constituent of the nuclear matrix, chromosome scaffold, and nuclear envelope. <b>1982</b> , 79, 6937-40		17
2114	Differential synthesis of spore coat proteins in prespore and prestalk cells of Dictyostelium. <b>1982</b> , 79, 7361-5		57
2113	Nicotinic acetylcholine receptor from chick optic lobe. <b>1982</b> , 79, 1321-5		66
2112	Formation and identification of cytoskeletal components from liver cytosolic precursors. <b>1982</b> , 79, 7341-5		7
2111	Production and characterization of monoclonal antibodies to rat liver microsomal 3-hydroxy-3-methylglutaryl-coenzyme A reductase. <b>1982</b> , 79, 3734-8		15
2110	Proteins associated with poly(A)+RNA of cockerel liver: effects of estradiol stimulation. <b>1982</b> , 79, 4088-92		9
2109	Increased phosphorylation of ribosomal protein S6 during meiotic maturation of <i>Xenopus</i> oocytes. <b>1982</b> , 79, 2937-41		135
2108	Model involving gene inactivation in the generation of autosomal recessive mutants in mammalian cells in culture. <b>1982</b> , 2, 1126-33		48
2107	The molecular cytochemistry of chromatin.. <b>1982</b> , 15, 543-552		2
2106	Purification of PGH-PGE isomerase from sheep vesicular glands. <b>1982</b> , 86, 84-91		30
2105	Transketolase from human red blood cells. <b>1982</b> , 90 Pt E, 223-8		18
2104	Isolation and characterization of a <i>Chlamydomonas</i> L-asparaginase. <i>Biochemical Journal</i> , <b>1982</b> , 203, 109-115		26
2103	Further studies on single fibres of bovine muscles. <i>Biochemical Journal</i> , <b>1982</b> , 203, 179-84	3.8	26
2102	Isolation of cell-surface glycopeptides from bovine cerebral cortex that inhibit cell growth and protein synthesis in normal but not in transformed cells. <i>Biochemical Journal</i> , <b>1982</b> , 206, 527-34	3.8	26
2101	Soluble adenylate cyclase activity in <i>Neurospora crassa</i> . <i>Biochemical Journal</i> , <b>1982</b> , 207, 43-9	3.8	21
2100	Purification of a new neurotrophic factor from mammalian brain.. <i>EMBO Journal</i> , <b>1982</b> , 1, 549-553	13	1217
2099	Purification of pig serum haemopexin by haemin-Sepharose affinity chromatography. <b>1982</b> , 719, 53-7		9

2098	Differences of adenosine kinases from various mammalian tissues. <b>1982</b> , 71, 367-72	7
2097	A biologically active receptor for the carbohydrate-binding protein(s) of Dictyostelium discoideum. <b>1982</b> , 28, 91-8	22
2096	Interaction of hybridoma antibodies with normal and mutant forms of Escherichia coli recA protein. <b>1982</b> , 64, 723-9	2
2095	Purification of an adenovirus-coded DNA polymerase that is required for initiation of DNA replication. <b>1982</b> , 31, 613-23	138
2094	High level of tubulin microheterogeneity in the mouse brain. <b>1982</b> , 31, 323-8	85
2093	Characterization of the activation of the human C1r complement molecule. <b>1982</b> , 19, 487-95	3
2092	Distribution of fucosyl-conjugates in rat cerebellar cells in vitro: binding patterns of Lotus tetragonolobus and Ulex europeus lectins. <b>1982</b> , 256, 13-21	5
2091	Characterization of monospecific antisera against all five vesicular stomatitis virus-specific proteins: anti-L and anti-NS inhibit transcription in vitro. <b>1982</b> , 120, 194-204	19
2090	Variable protein composition of hepatitis B surface antigen from different donors. <b>1982</b> , 123, 436-42	84
2089	A family of proteins accumulating in ectoderm of sea urchin embryos specified by two related cDNA clones. <b>1982</b> , 91, 317-24	39
2088	Protein synthesis and accumulation in Drosophila melanogaster imaginal discs: identification of a protein with a nonrandom spatial distribution. <b>1982</b> , 89, 273-86	19
2087	An efficient method for purification of human T-cell growth factor. <b>1982</b> , 53, 15-26	12
2086	Stabilization of the hexameric form of Escherichia coli protein rho under ATP hydrolysis conditions. <b>1982</b> , 156, 203-19	122
2085	Identification of myosin-binding sites on the actin sequence. <b>1982</b> , 21, 3654-61	341
2084	Protein synthesis initiation factors from human HeLa cells and rabbit reticulocytes are similar: comparison of protein structure, activities, and immunochemical properties. <b>1982</b> , 21, 4202-6	66
2083	The role of band 4.1 in the association of actin with erythrocyte membranes. <b>1982</b> , 688, 691-701	46
2082	SDS-glycerol polyacrylamide gel electrophoresis of plasma apolipoproteins. <b>1982</b> , 711, 245-51	35
2081	Purification of rat liver mitochondrial phospholipase A2. <b>1982</b> , 712, 332-41	68

2080	Purification and properties of soybean nodule xanthine dehydrogenase. <b>1982</b> , 219, 39-46		55
2079	Argyrophilic nuclear and nucleolar proteins of <i>Xenopus laevis</i> oocytes identified by gel electrophoresis. <b>1982</b> , 137, 341-51		143
2078	Enhancement techniques for detecting trace and fluid-specific components in two-dimensional electrophoresis patterns.. <b>1982</b> , 28, 759-765		28
2077	Microscale multisample two-dimensional electrophoresis of proteins in human serum, cerebrospinal fluid, and urine.. <b>1982</b> , 28, 824-827		82
2076	Two-dimensional gel electrophoresis of serum specimens from a normal population.. <b>1982</b> , 28, 890-899		105
2075	Coexistence of fast and slow types of myosin light chains in a single fiber of rat soleus muscle. <b>1982</b> , 91, 423-5		19
2074	Shape and assembly of type IV procollagen obtained from cell culture.. <i>EMBO Journal</i> , <b>1982</b> , 1, 805-810	13	71
2073	Defective expression of mouse adenovirus Fl in human cells.. <i>EMBO Journal</i> , <b>1982</b> , 1, 453-459	13	6
2072	Segmental differences in the protein content of <i>Drosophila</i> imaginal discs. <i>EMBO Journal</i> , <b>1982</b> , 1, 1373-1379	13	8
2071	Participation of calmodulin in immunoglobulin capping. <b>1982</b> , 95, 771-80		42
2070	The purification of M13 procoat, a membrane protein precursor.. <i>EMBO Journal</i> , <b>1982</b> , 1, 573-578	13	8
2069	Sperm motility in the horseshoe crab. III. Isolation and characterization of a sperm motility initiating peptide. <b>1982</b> , 6, 315-326		17
2068	Deoxyguanosine kinase from human placenta. <b>1982</b> , 709, 265-72		14
2067	Stage-specific antigens reacting with monoclonal antibodies against contact site A, a cell-surface glycoprotein of <i>Dictyostelium discoideum</i> . <b>1982</b> , 11, 1-13		70
2066	Isolation from haemolysate of a proteinaceous inhibition of the red cell Ca <sup>2+</sup> -pump ATPase. Its action on the kinetics of the enzyme. <b>1982</b> , 3, 201-14		11
2065	Tubulin evolution: two major types of alpha-tubulin. <b>1982</b> , 19, 80-6		36
2064	Contradictory differential staining results with Coomassie Brilliant Blue and silver carbonate on sister chromatids. <b>1982</b> , 38, 853-4		2
2063	Comparison of some peptidic and proteic ovine pineal fractions with a bovine pineal E5 fraction. <b>1982</b> , 55, 27-44		10

2062	CV-1 cells release proteins that facilitate infection by simian virus 40 and echovirus 6. <b>1982</b> , 72, 55-66		1
2061	Analysis of acid-extractable tomato leaf proteins after infection with a viroid, two viruses and a fungus and partial purification of the "pathogenesis-related" protein p 14. <b>1982</b> , 74, 181-96		66
2060	Keratin polypeptide analysis in fetal and in terminally differentiating newborn mouse epidermis. <b>1982</b> , 22, 19-24		61
2059	ATP synthetase (F1F0) of Escherichia coli K-12. High-yield preparation of functional F0 by hydrophobic affinity chromatography. <b>1982</b> , 126, 149-53		56
2058	Purification and polypeptide composition of dynein ATPases from Chlamydomonas flagella. <b>1982</b> , 2, 525-47		195
2057	Simplified silver protein detection and image enhancement methods in polyacrylamide gels. <b>1982</b> , 3, 17-23		391
2056	Rapid staining of proteins in ultrathin-layer isoelectric focusing in polyacrylamide gels. <b>1982</b> , 3, 27-32		19
2055	Analysis of skin fibroblast proteins in Duchenne muscular dystrophy: 1. Sodium dodecyl sulphate polyacrylamide gel electrophoresis. <b>1982</b> , 3, 177-185		15
2054	Quantitative aspects of silver deposition in proteins resolved in complex polyacrylamide gels. <b>1982</b> , 3, 197-205		219
2053	Heterogeneity of 14S and 30S dynein ATPase activities with respect to activation by calmodulin. <b>1982</b> , 19, 45-57		5
2052	Isoelectric focusing of the chick eye ciliary neuronotrophic factor. <b>1982</b> , 8, 233-9		21
2051	rRNA accumulation and protein synthetic patterns in growing mouse oocytes. <b>1982</b> , 220, 361-70		62
2050	Electrophoretic transfer of proteins from sodium dodecyl sulfate-polyacrylamide gels to a positively charged membrane filter. <i>Analytical Biochemistry</i> , <b>1982</b> , 124, 396-405	3.1	388
2049	Ultrasensitive silver-stain method for the detection of proteins in polyacrylamide gels and immunoprecipitates on agarose gels. <i>Analytical Biochemistry</i> , <b>1982</b> , 127, 316-21	3.1	50
2048	A new method for partial peptide mapping using N-chlorosuccinimide/urea and peptide silver staining in sodium dodecyl sulfate-polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1982</b> , 127, 453-7	3.1	208
2047	Detection of subnanogram amounts of RNA in polyacrylamide gels in the presence and absence of protein by staining with silver. <i>Analytical Biochemistry</i> , <b>1982</b> , 124, 180-4	3.1	38
2046	Experimentally improved reliability of ultrasensitive silver staining of protein in polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1982</b> , 125, 96-9	3.1	111
2045	Agarose-acrylamide gradient gel electrophoresis of proteins. <i>Analytical Biochemistry</i> , <b>1982</b> , 121, 331-4	3.1	5



2044	Comparison of four different silver-staining techniques for salivary protein detection in alkaline polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1982</b> , 126, 346-9	3.1	51
2043	A faithful double stain of proteins in the polyacrylamide gels with Coomassie blue and silver. <i>Analytical Biochemistry</i> , <b>1982</b> , 126, 350-4	3.1	88
2042	Ultrasensitive staining of nucleic acids with silver. <i>Analytical Biochemistry</i> , <b>1982</b> , 126, 374-80	3.1	152
2041	A silver-staining technique for detecting minute quantities of proteins on nitrocellulose paper: retention of antigenicity of stained proteins. <i>Analytical Biochemistry</i> , <b>1982</b> , 126, 398-402	3.1	32
2040	In situ protamine release: a versatile sample preparation method for the electrophoretic analysis of nuclear proteins on acid/urea-based gels. <i>Analytical Biochemistry</i> , <b>1982</b> , 121, 69-82	3.1	27
2039	A highly sensitive periodic acid-silver stain for 1,2-diol groups of glycoproteins and polysaccharides in polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1982</b> , 119, 325-9	3.1	312
2038	Purification of individual proteinase isozymes from <i>Bacteroides nodosus</i> by use of polyacrylamide gel electrophoresis, a fluorogenic substrate detection system, and a simple electroelution apparatus. <i>Analytical Biochemistry</i> , <b>1982</b> , 119, 82-5	3.1	3
2037	A sensitive silver stain for detecting lipopolysaccharides in polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1982</b> , 119, 115-9	3.1	2694
2036	Histone-like protein and chromatin structure in the wall-less dinoflagellate <i>Gymnodinium nelsoni</i> . <b>1982</b> , 15, 27-34		30
2035	Isoelectric focusing of myelin membrane proteins. <b>1982</b> , 7, 1323-33		7
2034	Identification of the polypeptides in the cytochrome b6/f complex from spinach chloroplasts with redox-center-carrying subunits. <b>1982</b> , 14, 405-24		118
2033	Evidence that the two sucrose synthetase genes in maize are related. <b>1982</b> , 187, 494-500		17
2032	Stimulatory proteins of RNA polymerase II from Ehrlich ascites tumor cells. <i>Molecular and Cellular Biochemistry</i> , <b>1982</b> , 46, 173-87	4.2	37
2031	Characterization of postmortem human brain proteins by two-dimensional gel electrophoresis. <b>1982</b> , 39, 1529-38		18
2030	Analysis of fibroblast proteins from patients with Duchenne muscular dystrophy by two-dimensional gel electrophoresis. <b>1982</b> , 298, 563-5		30
2029	Characterization of tubulin in mouse brain myelin. <b>1983</b> , 41, 1538-44		30
2028	Polypeptides in frog and rat: evolutionary changes in rapidly transported and abundant nerve proteins. <b>1983</b> , 41, 772-9		2
2027	Identification of Ca <sup>2+</sup> -activated neutral protease in the peripheral nerve and its effects on neurofilament degeneration. <b>1983</b> , 40, 908-13		79

2026	Does Q beta replicase synthesize RNA in the absence of template?. <b>1983</b> , 301, 350-2	26
2025	Two RNA polymerase sigma factors from <i>Bacillus subtilis</i> discriminate between overlapping promoters for a developmentally regulated gene. <b>1983</b> , 302, 800-4	205
2024	Is hypomethylation linked to activation of delta-crystallin genes during lens development?. <b>1983</b> , 306, 88-91	52
2023	Scrapie infectivity, fibrils and low molecular weight protein. <b>1983</b> , 306, 476-8	324
2022	The effect of quercetin on the phosphorylation activity of the Rous sarcoma virus transforming gene product in vitro and in vivo. <b>1983</b> , 135, 583-9	148
2021	Biogenesis of blowfly photoreceptor membranes is regulated by 11-cis-retinal. <b>1983</b> , 137, 609-14	41
2020	Purification of a 20-hydroxyecdysone binding protein from haemolymph of the locust <i>Locusta migratoria</i> . <b>1983</b> , 13, 567-575	12
2019	Cuticular proteins of the silkworm <i>Antheraea polyphemus</i> . <b>1983</b> , 13, 665-675	21
2018	Differential cytopathogenicity accompanying <i>Mycoplasma pneumoniae</i> infection of human lung fibroblasts maintained in newborn bovine serum or fetal bovine serum. <b>1983</b> , 19, 203-9	3
2017	Phospholipid and protein analysis of pulmonary surfactant. <b>1983</b> , 3, 557-62	3
2016	Two-dimensional electrophoretic analysis of secretory-granule, granule-membrane, and plasma-membrane proteins of rat parotid cells. <b>1983</b> , 234, 93-108	5
2015	Inhibition of Ca <sup>2+</sup> -dependent protein kinase and Ca <sup>2+</sup> /Mg <sup>2+</sup> -ATPase in cardiac sarcolemma by the anti-calmodulin drug calmidazolium. <b>1983</b> , 4, 281-94	22
2014	A silver staining method for the detection of polymorphic proteins in minute bloodstains after isoelectric focusing. <b>1983</b> , 23, 241-8	17
2013	Characterization of the cyclic AMP phosphodiesterase activity secreted during development of <i>Dictyostelium discoideum</i> . <b>1983</b> , 749, 255-264	3
2012	Chloroplast RNA polymerase from spinach: purification and DNA-binding proteins. <b>1983</b> , 2, 67-74	44
2011	Relative postmortem stability of spinal motoneuronal proteins detectable by two-dimensional electrophoresis. <b>1985</b> , 3, 1-14	1
2010	Silver staining of high molecular weight proteins on large-pore polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1983</b> , 131, 46-50	3.1 5
2009	Analysis of differences between coomassie blue stain and silver stain procedures in polyacrylamide gels: conditions for the detection of calmodulin and troponin C. <i>Analytical Biochemistry</i> , <b>1983</b> , 131, 312- <sup>3.1</sup>	66

2008	A four- to sixfold enhancement in sensitivity for detecting trace proteins in dye or silver stained polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1983</b> , 134, 254-8	3.1	20
2007	Ammoniacal silver staining of proteins: mechanism of glutaraldehyde enhancement. <i>Analytical Biochemistry</i> , <b>1983</b> , 129, 490-6	3.1	71
2006	Protein contaminants of sodium dodecyl sulfate-polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1983</b> , 135, 470-4	3.1	203
2005	Structure of intestinal-mucus glycoprotein from human post-mortem or surgical tissue: inferences from correlation analyses of sugar and sulfate composition of individual mucins. <b>1983</b> , 115, 151-63		23
2004	Photocontrol of the polypeptide composition of Euglena : Analysis by two-dimensional gel electrophoresis. <b>1983</b> , 158, 249-58		38
2003	Two proteins associated with cerebellar hypoplasia in jaundiced Gunn rats. <b>1983</b> , 8, 743-56		15
2002	Myosin isozymes in avian skeletal muscles. II. Fractionation of myosin isozymes from adult and embryonic chicken pectoralis muscle by immuno-affinity chromatography. <b>1983</b> , 4, 717-38		42
2001	Study on nuclear and cytoplasmic genome expression in wheat by two-dimensional gel electrophoresis : 1. First results on 18 alloplasmic lines. <b>1983</b> , 66, 1-7		100
2000	Evidence for an abundant 33,000-dalton polypeptide regulated by cytokinins in cultured tobacco tissues. <b>1983</b> , 158, 410-5		40
1999	Red cell membrane abnormalities in two cases with a special type of a hereditary megaloblastoid hemolytic anemia. <b>1983</b> , 46, 23-37		2
1998	Genetic fine structure of the tricarboxylate transport (tct) locus of Salmonella typhimurium. <b>1983</b> , 190, 20-6		12
1997	Studies of esterase 6 in Drosophila melanogaster. XIII. Purification and characterization of the two major isozymes. <b>1983</b> , 21, 1019-40		40
1996	Detection of subnanogram quantities of DNA and RNA on native and denaturing polyacrylamide and agarose gels by silver staining. <b>1983</b> , 4, 92-94		49
1995	Two-dimensional polyacrylamide gel electrophoresis in micro-gels: Gradient gel electrophoresis followed by dodecyl sulfate gel electrophoresis. <b>1983</b> , 4, 143-148		4
1994	High resolution two-dimensional polyacrylamide gel electrophoresis. II. Analysis and applications. <b>1983</b> , 4, 173-189		57
1993	Studies of silver staining of human parotid saliva protein polyacrylamide gel electrophoretograms. <b>1983</b> , 4, 265-269		8
1992	Detection of DNA and lipopolysaccharide in thick polyacrylamide gels using an improved silver stain. <b>1983</b> , 4, 269-272		14
1991	Dexamethasone can modulate glucose-regulated and heat shock protein synthesis. <b>1983</b> , 114, 93-8		54

1990	Silver staining of proteins in polyacrylamide gels: increased sensitivity by a blue toning. <i>Analytical Biochemistry</i> , <b>1983</b> , 134, 230-4	3.1	34
1989	A quantitative determination of the relative amount of histones in polyacrylamide gel by silver stain. <i>Analytical Biochemistry</i> , <b>1983</b> , 134, 471-8	3.1	16
1988	An efficient two-dimensional sodium dodecyl sulfate-polyacrylamide gel electrophoresis method for simultaneous peptide mapping of protein contained in a mixture. <i>Analytical Biochemistry</i> , <b>1983</b> , 128, 26-35	3.1	16
1987	Improved methodology for analysis and quantitation of proteins on one-dimensional silver-stained slab gels. <i>Analytical Biochemistry</i> , <b>1983</b> , 129, 277-87	3.1	373
1986	A sensitive method for staining proteins transferred to nitrocellulose sheets. <i>Analytical Biochemistry</i> , <b>1983</b> , 129, 486-9	3.1	53
1985	Separation of mammalian cytochrome c oxidase into 13 polypeptides by a sodium dodecyl sulfate-gel electrophoretic procedure. <i>Analytical Biochemistry</i> , <b>1983</b> , 129, 517-21	3.1	408
1984	A sensitive silver stain for proteins in agarose gels. <i>Analytical Biochemistry</i> , <b>1983</b> , 130, 353-8	3.1	99
1983	Silver stain for detecting 10-femtogram quantities of protein after polyacrylamide gel electrophoresis. <i>Analytical Biochemistry</i> , <b>1983</b> , 135, 409-15	3.1	122
1982	Silver staining of histones in Triton-acid-urea gels. <i>Analytical Biochemistry</i> , <b>1983</b> , 135, 44-7	3.1	27
1981	Silver staining of cerebrospinal fluid IgG in isoelectric focusing gels. <b>1983</b> , 8, 375-80		18
1980	Silver staining of macromolecules separated by electrophoresis. <b>1983</b> , 2, 206-210		9
1979	Quantitative analysis of two-dimensional electropherograms with a television camera-microcomputer system. <b>1983</b> , 264, 435-443		19
1978	Changes in the amounts of cytoskeletal proteins within the perikarya and axons of regenerating frog motoneurons. <b>1983</b> , 96, 240-7		34
1977	Isolation, identification, and characterization of histones from plasmodia of the true slime mold <i>Physarum polycephalum</i> using extraction with guanidine hydrochloride. <b>1983</b> , 22, 38-51		51
1976	The genes sup-7 X and sup-5 III of <i>C. elegans</i> suppress amber nonsense mutations via altered transfer RNA. <b>1983</b> , 33, 575-83		79
1975	Molecular identification and isolation of the Waxy locus in maize. <b>1983</b> , 35, 225-33		714
1974	Cell Cycle Specific Modifications of the Chloroplast Envelope in <i>Euglena Gracilis</i> . <b>1983</b> , 28, 237-244		6
1973	Identification of a large multigene family encoding the major sperm protein of <i>Caenorhabditis elegans</i> . <b>1983</b> , 171, 1-29		63

1972	Infecting bacteriophage mu DNA forms a circular DNA-protein complex. <b>1983</b> , 167, 427-41	38
1971	H protein, a minor protein of TMV virions, contains sequences of the viral coat protein. <b>1983</b> , 126, 429-48	16
1970	The H protein isolated from tobacco mosaic virus reassociates with virions reconstituted in vitro. <b>1983</b> , 126, 449-58	7
1969	Sequence-specific interaction of R17 coat protein with its ribonucleic acid binding site. <b>1983</b> , 22, 2601-10	226
1968	Antigenic and structural studies on the transforming proteins of Rous sarcoma virus and Yamaguchi 73 avian sarcoma virus. <b>1983</b> , 130, 221-6	5
1967	Synaptic junctions isolated from cerebellum and forebrain: comparisons of morphological and molecular properties. <b>1983</b> , 278, 63-80	28
1966	Characterization of a plasma membrane glycoprotein common to myoblasts, skeletal muscle satellite cells, and glia. <b>1983</b> , 100, 464-77	23
1965	Activity of the maturation-promoting factor and the extent of protein phosphorylation oscillate simultaneously during meiotic maturation of starfish oocytes. <b>1983</b> , 99, 489-501	122
1964	Patterns of protein synthesis and metabolism during sea urchin embryogenesis. <b>1983</b> , 96, 74-83	48
1963	Chemiluminescence response of phagocytes to bacterial toxins. <b>1983</b> , 21, 203-206	2
1962	An ELISA to detect monoclonal antibodies specific for lipid determinants of Mycoplasma pneumoniae. <b>1983</b> , 64, 165-78	15
1961	Silver staining of nucleic acids. Applications in virus research and in diagnostic virology. <b>1983</b> , 7, 185-98	21
1960	Immunochemical studies of yellowjacket venom proteins. <b>1983</b> , 20, 297-308	56
1959	Identification and isolation of a common tumor-associated molecule using monoclonal antibody. <b>1983</b> , 20, 1369-77	7
1958	Trichinella and Trichinosis. <b>1983</b> ,	38
1957	The RNA moiety of ribonuclease P is the catalytic subunit of the enzyme. <b>1983</b> , 35, 849-57	2201
1956	Mitochondrial DNA-binding proteins that bind preferentially to supercoiled molecules containing the D-loop region of Xenopus laevis mtDNA. <b>1983</b> , 117, 99-107	18
1955	Dansylarginine N-(3-ethyl-1.5-pentanediy)amide. A potent and selective fluorescent inhibitor of butyrylcholinesterase. <b>1983</b> , 32, 699-706	3

1954	Isolation and chemical characterization of a melanoma-associated proteoglycan antigen. <b>1983</b> , 225, 370-83	55
1953	Conformational change of the alpha subunit of Escherichia coli F1 ATPase: ATP changes the trypsin sensitivity of the subunit. <b>1983</b> , 220, 398-404	43
1952	Isolation and elucidation of some functional properties of the "mute" catalytic subunit of cAMP-dependent protein kinase. <b>1983</b> , 222, 276-84	6
1951	Soybean nodule xanthine dehydrogenase: a kinetic study. <b>1983</b> , 222, 435-41	23
1950	Escherichia coli mutants defective in the gamma subunit of proton-translocating ATPase: intracistronic mapping of the defective site and the biochemical properties of the mutants. <b>1983</b> , 223, 521-32	21
1949	Reconstitution of glucose transport using human erythrocyte band 3. <b>1983</b> , 733, 25-33	29
1948	Pig sperm tail tubulin. Its extraction and characterization. <b>1983</b> , 147, 15-22	13
1947	Chinese hamster metaphase chromosomes isolated under physiological conditions. A partial characterization of associated non-histone proteins and protein cores. <b>1983</b> , 144, 1-14	59
1946	Isolation of (a subunit of) the Na <sup>+</sup> /D-glucose cotransporter(s) of rabbit intestinal brush border membranes using monoclonal antibodies. <b>1983</b> , 161, 279-83	53
1945	Interaction of nucleic acids with the DNA-dependent RNA polymerases of Drosophila. <b>1983</b> , 157, 133-8	26
1944	Characteristics of structural proteins of infectious flacherie virus from the silkworm, Bombyx mori. <b>1983</b> , 41, 68-76	16
1943	Selection of a silver staining procedure to detect low quantities of human epidermal 'keratin' protein following electrophoresis in polyacrylamide gels. <b>1983</b> , 127, 403-6	1
1942	Mutants of Escherichia coli H <sup>+</sup> -ATPase defective in the delta subunit of F1 and the b subunit of F0. <b>1983</b> , 111, 143-9	24
1941	Purification and partial sequencing of human placental alkaline phosphatase. <b>1983</b> , 116, 1076-83	40
1940	Large-scale isolation and purification of proteins from recombinant E. coli. <b>1983</b> , 413, 231-7	7
1939	A microradioiodination method for detection of nanogram amounts of proteins resolved by sodium dodecyl sulfate-polyacrylamide gel electrophoresis. <b>1983</b> , 7, 273-8	2
1938	Structural localizaton of the proteins of the head to tail connecting region of bacteriophage $\Phi$ 9. <b>1983</b> , 124, 133-143	31
1937	P(700) Chlorophyll a-Protein : Purification, Characterization, and Antibody Preparation. <b>1983</b> , 72, 625-33	79

1936	Changes in myosin isozymes during development of chicken gizzard muscle. <b>1983</b> , 93, 903-8	44
1935	Dexamethasone induces gelsolin synthesis and altered morphology in L929 cells. <b>1983</b> , 96, 577-81	11
1934	Silver staining methods for polyacrylamide gel electrophoresis. <b>1983</b> , 96, 230-9	143
1933	A Fibril Protein Antigen Specific to Spiroplasma. <b>1983</b> , 129, 199-206	3
1932	Effects of EDTA treatment upon the protein subunit composition and mechanical properties of mammalian single skeletal muscle fibers. <b>1983</b> , 96, 970-8	40
1931	Affinity chromatography of human fibroblast interferon (IFN-beta 1) by monoclonal antibody columns. <b>1983</b> , 64 (Pt 4), 905-10	37
1930	Relation between the Light-Harvesting Chlorophyll a-Protein Complex LHCPa and Photosystem I in the Alga Chlamydomonas stellata. <b>1983</b> , 71, 128-31	10
1929	Characterization of the carboxypeptidase involved in the proteolytic cleavage of the influenza haemagglutinin. <b>1983</b> , 64 (Pt 10), 2127-37	36
1928	Reconstitution of nucleoprotein complexes with mammalian heterogeneous nuclear ribonucleoprotein (hnRNP) core proteins. <b>1983</b> , 97, 99-111	55
1927	Mitogenic polypeptide of the mammalian seminiferous epithelium: biochemical characterization and partial purification. <b>1983</b> , 97, 1435-43	57
1926	Ribonucleic Acid and protein metabolism in pea epicotyls : I. The aging process. <b>1983</b> , 73, 809-16	90
1925	Simple procedure for the isolation of mouse interferon-beta. <b>1983</b> , 3, 177-80	19
1924	Molecular cloning and analysis of the CRY1 gene: a yeast ribosomal protein gene. <b>1983</b> , 11, 403-20	100
1923	Partial Purification and Characterization of a Glycoprotein Cell Fusion Hormone from Griffithsia pacifica, a Red Alga. <b>1983</b> , 71, 327-32	24
1922	Identification of the epsilon-subunit of Escherichia coli DNA polymerase III holoenzyme as the dnaQ gene product: a fidelity subunit for DNA replication. <b>1983</b> , 80, 7085-9	189
1921	Genes for catecholamine biosynthesis: cloning by expression and identification of the cDNA for rat dopamine beta-hydroxylase. <b>1983</b> , 80, 2161-5	16
1920	In vitro synthesis of bacteriophage phi X174 by purified components. <b>1983</b> , 80, 4195-9	43
1919	Keratin synthesis in normal mouse epithelia and in squamous cell carcinomas: evidence in tumors for masked mRNA species coding for high molecular weight keratin polypeptides. <b>1983</b> , 80, 6480-4	19

1918	Plasmid-directed synthesis of hepatitis B surface antigen in monkey cells. <b>1983</b> , 3, 44-55		65
1917	Proteolysis of vimentin and desmin by the Ca <sup>2+</sup> -activated proteinase specific for these intermediate filament proteins. <b>1983</b> , 3, 1146-56		131
1916	High-frequency mutation at the adenine phosphoribosyltransferase locus in Chinese hamster ovary cells due to deletion of the gene. <b>1983</b> , 80, 810-4		45
1915	Evidence for a phosphorylated form of calmodulin in chicken brain and muscle. <b>1983</b> , 3, 1412-20		50
1914	Trans-acting temporal locus within the beta-glucuronidase gene complex. <b>1983</b> , 80, 4398-402		43
1913	Yeast 2-microns plasmid DNA replication in vitro: purification of the CDC8 gene product by complementation assay. <b>1983</b> , 80, 673-7		31
1912	Increase in the phosphotransferase specific activity of purified Rous sarcoma virus pp60v-src protein after incubation with ATP plus Mg <sup>2+</sup> . <b>1983</b> , 3, 1589-97		78
1911	Coexistence of cardiac-type and fast skeletal-type myosin light chains in embryonic chicken cardiac muscle. <b>1983</b> , 94, 1025-8		14
1910	Purification and Characterization of Assimilatory Nitrate Reductase from the Cyanobacterium <i>Plectonema boryanum</i> . <b>1983</b> , 24, 649-658		16
1909	Partial characterization of peptidoglycan-associated proteins of <i>Legionella pneumophila</i> . <b>1983</b> , 94, 601-6		17
1908	Purification to homogeneity, characterization and monoclonal antibodies of phospholipid-sensitive Ca <sup>2+</sup> -dependent protein kinase from spleen. <i>Biochemical Journal</i> , <b>1983</b> , 209, 435-43	3.8	84
1907	Studies on the structure of sphingomyelinase. Amino acid composition and heterogeneity on isoelectric focusing. <i>Biochemical Journal</i> , <b>1983</b> , 209, 291-7	3.8	16
1906	Fluorescence labelling of NADPH-cytochrome P-450 reductase with the monobromomethyl derivative of syn-9,10-dioxabimane. <i>Biochemical Journal</i> , <b>1983</b> , 215, 159-66	3.8	21
1905	References. <b>1983</b> , 11, 356-382		
1904	Use of high-resolution two-dimensional gel electrophoresis for analysis of monoclonal antibodies and their specific antigens. <b>1983</b> , 92, 196-220		22
1903	Myosin light chain phosphorylation in smooth muscle and nonmuscle cells as a probe of calmodulin function. <b>1983</b> , 102, 62-74		2
1902	Sensitive detection of proteins and peptides in polyacrylamide gels after formaldehyde fixation. <b>1983</b> , 91, 247-54		68
1901	Myosin phosphorylation and regulation of cross-bridge cycle in tracheal smooth muscle. <b>1983</b> , 244, C182-7		68



1900	A protein which facilitates assembly of nucleosome-like structures in vitro in mammalian cells. <b>1983</b> , 94, 735-44		64
1899	In vivo sulfation of the contact site A glycoprotein of Dictyostelium discoideum. <i>EMBO Journal</i> , <b>1983</b> , 2, 1137-1143	13	34
1898	Polypeptide Composition of Envelope Membranes Isolated from Chloroplasts of C3, C4, and CAM Plants. <b>1983</b> ,		
1897	Influence of transformation by Rous sarcoma virus on the amount, phosphorylation and enzyme kinetic properties of enolase.. <i>EMBO Journal</i> , <b>1983</b> , 2, 1565-1570	13	20
1896	MOLECULAR PROBES FOR HUMAN GENETIC DISEASES BY TWO-DIMENSIONAL PROTEIN ELECTROPHORESIS AND SILVER STAINING. <b>1983</b> , 327-342		1
1895	Increased transport of 44,000- to 49,000-dalton acidic proteins during regeneration of the goldfish optic nerve: a two-dimensional gel analysis. <b>1983</b> , 3, 2153-63		201
1894	Microheterogeneity of tubulin proteins in neuronal and glial cells from the mouse brain in culture.. <i>EMBO Journal</i> , <b>1983</b> , 2, 1243-1248	13	61
1893	Isolation and characterization of a collagen-binding glycoprotein from chondrocyte membranes.. <i>EMBO Journal</i> , <b>1983</b> , 2, 45-50	13	109
1892	Chemical nature of protein complex of photoreaction unit including reaction center in chromatophores of photosynthetic bacterium, Rhodospirillum rubrum, as detected by successive dissociation method. <b>1983</b> , 94, 1815-26		2
1891	Isolation of a laminin-binding protein from muscle cell membranes. <i>EMBO Journal</i> , <b>1983</b> , 2, 861-865	13	252
1890	Purification and characterization of Xenopus laevis topoisomerase II.. <i>EMBO Journal</i> , <b>1983</b> , 2, 1303-1308	13	24
1889	Purification and properties of rat brain dipeptidyl aminopeptidase. <b>1983</b> , 93, 431-7		27
1888	Separation and identification of Drosophila myosin light chains. <b>1983</b> , 94, 967-74		19
1887	Isolation and characterisation of arthropod gap junctions. <i>EMBO Journal</i> , <b>1984</b> , 3, 2271-2278	13	52
1886	Reconstitution of beta-adrenergic receptor with components of adenylate cyclase.. <i>EMBO Journal</i> , <b>1984</b> , 3, 3339-3345	13	54
1885	Diffusive and nondiffusive proteins in vivo. <b>1984</b> , 99, 188s-195s		50
1884	Immunocytological and biochemical characterization of a new neuronal cell surface component (L1 antigen) which is involved in cell adhesion.. <i>EMBO Journal</i> , <b>1984</b> , 3, 1-10	13	523
1883	Purification and immunological characterization of a calcium pump from bovine brain synaptosomal vesicles. <b>1984</b> , 4, 1468-78		15

1882	Improved record keeping and photography of silver-stained two-dimensional electrophoretograms by way of "XRD images".. <b>1984</b> , 30, 1981-1984	11
1881	Silver-stained phenotyping of alpha 1-antitrypsin in dried blood and serum specimens.. <b>1984</b> , 30, 1674-1676	19
1880	Tissue proteins in breast cancer, as studied by use of two-dimensional electrophoresis.. <b>1984</b> , 30, 1914-1918	19
1879	Cell proliferation in the mammalian testis: biology of the seminiferous growth factor (SGF). <b>1984</b> , 40, 531-67	18
1878	Two-Dimensional Electrophoresis of Cerebrospinal Fluid Proteins in the Absence of Denaturing Agent and Immunochemical Identification After Parallel Nitrocellulose Blotting. <b>1984</b> , 179-188	2
1877	Identification, purification, and characterization of phosphotyrosine-specific protein phosphatases from cultured chicken embryo fibroblasts. <b>1984</b> , 4, 1003-12	78
1876	Olfactory marker protein: turnover and transport in normal and regenerating neurons. <b>1984</b> , 4, 868-79	37
1875	Wheat germ agglutinin binds to the contact site A glycoprotein of Dictyostelium discoideum and inhibits EDTA-stable cell adhesion. <i>EMBO Journal</i> , <b>1984</b> , 3, 2663-2670	13 25
1874	In vivo activity of proteases of Pseudomonas aeruginosa in a rat model. <b>1984</b> , 149, 532-7	31
1873	Role of anchorin CII, a 31,000-mol-wt membrane protein, in the interaction of chondrocytes with type II collagen. <b>1984</b> , 98, 1572-9	124
1872	Striated flagellar roots: isolation and partial characterization of a calcium-modulated contractile organelle. <b>1984</b> , 99, 962-70	314
1871	Spore Germination and Rhizoid Differentiation in Onoclea sensibilis: A Two-Dimensional Electrophoretic Analysis of the Extant Soluble Proteins. <b>1984</b> , 74, 656-62	3
1870	Characterization of Radish (Raphanus sativus) Storage Proteins. <b>1984</b> , 74, 487-93	30
1869	Vacuolar Localization of Endoproteinases EP(1) and EP(2) in Barley Mesophyll Cells. <b>1984</b> , 75, 70-3	52
1868	Differential expression of intermediate filament proteins in two rat ascites hepatoma lines of common origin. <b>1984</b> , 5, 1249-55	17
1867	Quantitation and intracellular localization of the 85K heat shock protein by using monoclonal and polyclonal antibodies. <b>1984</b> , 4, 2802-10	205
1866	Purification to homogeneity of biologically active human interleukin 1. <b>1984</b> , 14, 449-70	2
1865	Source of endoproteolytic activity associated with purified ribulose biphosphate carboxylase. <b>1984</b> , 75, 74-7	23

1864	The light-harvesting polypeptides of <i>Rhodospseudomonas sphaeroides</i> R-26.1. I. Isolation, purification and sequence analyses. <b>1984</b> , 365, 703-19	88
1863	Isolation of acetylcholine receptor clusters in substrate-associated material from cultured rat myotubes using saponin. <b>1984</b> , 99, 984-93	30
1862	Lymphokine purification by reversed-phase high-performance liquid chromatography. <b>1984</b> , 296, 171-9	48
1861	Vitellogenin synthesis in the lady beetle <i>Coccinella septempunctata</i> . <b>1984</b> , 14, 299-305	33
1860	Silver staining of human aqueous humor proteins resolved by gel electrophoresis. <b>1984</b> , 221, 290-2	8
1859	Complete amino-acid sequences of two isocytochromes c of the housefly, <i>Musca domestica</i> L., and their developmental variation in different tissues. <b>1984</b> , 790, 188-95	4
1858	Fibronectin synthesis during oogenesis and early development of the amphibian <i>Pleurodeles waltlii</i> . <b>1984</b> , 14, 171-7	39
1857	Gene expression of differentiated parent in teratocarcinoma cell hybrids. Repression or reprogramming?. <b>1984</b> , 15, 229-34	16
1856	Alteration of polypeptide synthesis and composition during differentiation of human leukemia cell line HL60. <b>1984</b> , 8, 1085-94	2
1855	A rapid and efficient method to enrich SAF-protein from scrapie brains of hamsters. <b>1984</b> , 4, 165-70	123
1854	A six-armed oligomer isolated from cell surface fibronectin preparations. <b>1984</b> , 311, 267-9	240
1853	Evidence that a cerebellum-enriched, synaptic junction glycoprotein is related to fodrin and resists extraction with triton in a calcium-dependent manner. <b>1984</b> , 42, 534-46	37
1852	Two-dimensional electrophoresis of cerebrospinal fluid and ventricular fluid proteins, identification of enriched and unique proteins, and comparison with serum. <b>1984</b> , 43, 1277-85	40
1851	Analysis of electrophoretically heterogeneous lipopolysaccharides of <i>Escherichia coli</i> by immunoblotting. <b>1984</b> , 22, 193-196	28
1850	The keratin polypeptide patterns in heterotypically recombined epithelia of skin and mucosa of adult mouse. <b>1984</b> , 26, 144-53	67
1849	Proteolytic modification of acidic and basic keratins during terminal differentiation of mouse and human epidermis. <b>1984</b> , 142, 29-36	97
1848	Purification and initial characterization of a protein which facilitates assembly of nucleosome-like structure from mammalian cells. <b>1984</b> , 142, 431-9	113
1847	Location of the sulfhydryl groups involved in disulfide interaction between the neighboring proteins L6 and L29 in mammalian ribosomes. S-cleavage of the cyanylated proteins in polyacrylamide gels after separation by dodecylsulfate gel electrophoresis. <b>1984</b> , 142, 521-6	6

1846	Purification of the T lymphocyte growth factor interleukin-2 from culture media of human peripheral blood leukocytes (buffy coats). <b>1984</b> , 143, 199-203		29
1845	Silver stain for proteins on a cellulose acetate membrane. <i>Analytical Biochemistry</i> , <b>1984</b> , 139, 463-7	3.1	4
1844	The basis for colored silver-protein complex formation in stained polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1984</b> , 141, 311-5	3.1	183
1843	Quantitation of protein and DNA in silver-stained agarose gels. <i>Analytical Biochemistry</i> , <b>1984</b> , 140, 178-83	3.1	25
1842	Addition of proteins to the cylindrical gel embedding medium for transverse molecular-weight markers in two-dimensional gel electrophoresis. <i>Analytical Biochemistry</i> , <b>1984</b> , 140, 320-5	3.1	6
1841	Detection of protein in polyacrylamide gels using an improved silver stain. <i>Analytical Biochemistry</i> , <b>1984</b> , 136, 340-6	3.1	116
1840	Electrophoresis of proteins and nucleic acids on acrylamide-agarose gels lacking covalent crosslinking. <i>Analytical Biochemistry</i> , <b>1984</b> , 143, 333-40	3.1	15
1839	Complete purification of arginyl-tRNA:protein arginyltransferase from hog kidney and production of its antibody. <i>Analytical Biochemistry</i> , <b>1984</b> , 143, 361-7	3.1	8
1838	Detection of inactive or less active forms of tyrosine hydroxylase in human adrenals by a sandwich enzyme immunoassay. <i>Analytical Biochemistry</i> , <b>1984</b> , 138, 125-32	3.1	51
1837	Purification of the flavin-containing monooxygenase from mouse and pig liver microsomes. <b>1984</b> , 16, 713-20		74
1836	Analysis of normal human aqueous humour proteins by two-dimensional gel electrophoresis. <b>1984</b> , 5, 48-53		9
1835	Increasing the sensitivity of protein detection of a silver stain for agarose gels. <b>1984</b> , 5, 174-175		11
1834	The serologically unique cell surface antigen of Zajdela ascitic hepatoma is also its tumor-associated transplantation antigen. <b>1984</b> , 33, 417-22		91
1833	Metastatic potential of murine fibrosarcoma cells is influenced by cell surface laminin. <b>1984</b> , 33, 651-5		76
1832	Biological effects of a 765-kV, 60-Hz transmission line on honey bees ( <i>Apis mellifera</i> L.): hemolymph as a possible stress indicator. <b>1984</b> , 5, 305-14		2
1831	Characterization of rabbit masseter muscle fibers. <b>1984</b> , 7, 431-8		33
1830	Increase in the amount of elongation factor 2 in chicken muscular dystrophy. <b>1984</b> , 7, 733-40		0
1829	Formation of 10-nanometer filaments from the 150K-dalton neurofilament protein in vitro. <b>1984</b> , 11, 145-55		66

1828	Molecular homology among the structural proteins of densovirus from silkworm, <i>Bombyx mori</i> . <b>1984</b> , 80, 209-18		9
1827	Identification of the noncollagenous proteins of bovine bone by two-dimensional gel electrophoresis. <b>1984</b> , 36, 308-16		75
1826	Electrophoretic analysis of proteins in malignant hyperpyrexia susceptible skeletal muscle. <b>1984</b> , 16, 919-29		5
1825	Improved resolution with one-dimensional polyacrylamide gel electrophoresis: myofibrillar proteins from typed single fibers of human muscle. <i>Analytical Biochemistry</i> , <b>1984</b> , 137, 517-22	3.1	23
1824	Analysis of antifreeze glycoproteins in fish serum. <i>Analytical Biochemistry</i> , <b>1984</b> , 139, 197-204	3.1	19
1823	Selective affinity chromatography of DNA polymerases with associated 3' to 5' exonuclease activities. <i>Analytical Biochemistry</i> , <b>1984</b> , 138, 291-7	3.1	9
1822	Reversible phosphorylation of opsin induced by irradiation of blowfly retinae. <b>1984</b> , 155, 39-45		42
1821	Myosin light chains of avian and mammalian slow muscles: peptide mapping of 2S light chains. <b>1984</b> , 5, 411-21		4
1820	The tubulins of animals, plants, fungi and protists implications for metazoan evolution. <i>Origins of Life and Evolution of Biospheres</i> , <b>1984</b> , 13, 169-176		17
1819	Developmental changes in the synthesis of nonhistone nuclear proteins relative to the appearance of a short nucleosomal DNA repeat length in cerebral hemisphere neurons. <b>1984</b> , 9, 1323-37		9
1818	Study on nuclear and cytoplasmic genome expression in wheat by two-dimensional gel electrophoresis : 2. Genetic differences between two lines and two groups of cytoplasms at five developmental stages or organs. <b>1984</b> , 68, 335-45		54
1817	Effects of magnesium chloride on smooth muscle actomyosin adenosine-5'-triphosphatase activity, myosin conformation, and tension development in glycerinated smooth muscle fibers. <b>1984</b> , 23, 5062-8		59
1816	The RNA-dependent RNA polymerase of cowpea is not involved in cowpea mosaic virus RNA replication: immunological evidence. <b>1984</b> , 132, 413-25		24
1815	Chicken embryo lens cultures mimic differentiation in the lens. <b>1984</b> , 103, 129-41		107
1814	A sex-determining gene, <i>fem-1</i> , required for both male and hermaphrodite development in <i>Caenorhabditis elegans</i> . <b>1984</b> , 106, 223-35		166
1813	Changes in myofibrillar gene expression during fiber-type transformation in the claw closer muscles of the snapping shrimp, <i>Alpheus heterochelis</i> . <b>1984</b> , 106, 262-5		27
1812	Remodeling of sperm chromatin following fertilization: nucleosome repeat length and histone variant transitions in the absence of DNA synthesis. <b>1984</b> , 104, 274-86		44
1811	Differences in the transient response of fast and slow skeletal muscle fibers. Correlations between complex modulus and myosin light chains. <b>1984</b> , 45, 1145-51		52

1810	Carbonic anhydrase and calcium transport function of the chick embryonic chorioallantoic membrane. <b>1984</b> , 429, 459-72	18
1809	Family studies of the genetic abnormality in transthyretin (prealbumin) in Portuguese patients with familial amyloidotic polyneuropathy. <b>1984</b> , 435, 86-100	43
1808	Respiratory tract organ cultures to assay attachment and pathogenicity of mycoplasmas. <b>1984</b> , 135A, 33-8	8
1807	Isolation of a 110 000 molecular weight protein in the purification of the nuclear chick intestinal 1,25-dihydroxyvitamin D-3 receptor. <b>1984</b> , 797, 312-9	
1806	Thermolability of ubiquitin-activating enzyme from the mammalian cell cycle mutant ts85. <b>1984</b> , 37, 43-55	492
1805	The biochemical basis of fibre types in bovine muscle. <b>1984</b> , 11, 123-37	16
1804	Purification and Characterization of Nitrite Reductase from Cell Suspension Cultures of Paul's Scarlet Rose and its Cross Reactivity to Antiserum Prepared Against Pea Leaf Nitrite Reductase. <b>1984</b> , 114, 321-329	8
1803	Polyacrylamide-gel electrophoretic analysis of tobacco mosaic virus disassembly intermediates. <b>1984</b> , 62, 2336-2339	5
1802	Heparin affinity: purification of a tumor-derived capillary endothelial cell growth factor. <b>1984</b> , 223, 1296-9	822
1801	Physicochemical characterization of the 68 000-dalton protein of bovine neurofilaments. <b>1984</b> , 23, 2866-75	19
1800	Multiple deoxyribonucleic acid dependent adenosinetriphosphatases in FM3A cells. Characterization of an adenosinetriphosphatase that prefers poly [d(A-T)] as cofactor. <b>1984</b> , 23, 529-33	22
1799	Two-dimensional gel electrophoresis of proteins released from sea urchin nuclei by limited digestion with DNase I. <b>1984</b> , 169, 165-8	
1798	Isolation of Fc receptor shed from pig lymphocytes by a temperature shift. <b>1984</b> , 171, 37-9	2
1797	The 77 K fluorescence spectrum of the Photosystem I pigment-protein complex CPIa. <b>1984</b> , 171, 47-53	38
1796	Inhibition of 2'-phosphodiesterase by cAMP-dependent protein kinase. Involvement of phosphorylation of protein inhibitor. <b>1984</b> , 176, 65-8	5
1795	Evidence for a chlorophyll a/b-protein complex associated with Photosystem II. <b>1984</b> , 170, 174-180	22
1794	Silver stain of proteins in ultra-thin gels containing carrier ampholytes--detection of glycosyl albumin with anionic and cationic charge in serums of diabetic patients. <b>1984</b> , 139, 195-201	5
1793	Purification and characterization of a vanadate-sensitive nucleotide tri- and diphosphatase with acid pH optimum from rat bone. <b>1984</b> , 228, 431-8	29

1792	High-density lipoprotein binding to bovine adrenal cortex membranes. <b>1984</b> , 794, 194-205	9
1791	Hepatic lipase. Purification and characterization. <b>1984</b> , 792, 330-7	53
1790	A simple and versatile affinity column for phospholipase A2. <b>1984</b> , 792, 363-6	15
1789	Purification and partial characterization of a 19kD/pI 4.5 nucleolar phosphoprotein. <b>1984</b> , 122, 47-55	2
1788	Specificity of a phosphatase for phospholipid, Ca <sup>2+</sup> -dependent protein kinase-phosphorylated histone H1 resides in the catalytic subunit. <b>1984</b> , 118, 278-83	11
1787	High molecular weight aggregates from human cataracts: characterization by Western blot analysis. <b>1984</b> , 122, 1028-33	9
1786	Presence of actin in oncornaviruses. <b>1984</b> , 118, 580-6	10
1785	Evidence for attachment of interphase chromatin to the nuclear matrix via matrix-bound nucleosomes. <b>1984</b> , 782, 177-86	3
1784	Direct stimulation of ADCC by cloned gamma interferon is not ablated by glucocorticoids: studies using a human monocyte-like cell line (U-937). <b>1984</b> , 21, 167-73	25
1783	Two-dimensional gel electrophoresis as an aid in the analysis of monoclonal gammopathies. <b>1984</b> , 15, 122-9	29
1782	Image analysis of the heavy form of the acetylcholine receptor from <i>Torpedo marmorata</i> . <b>1984</b> , 176, 205-37	45
1781	Use of the Bio-Rad silver stain to identify gel purified RNA components of small nuclear ribonucleoprotein antigens. <b>1984</b> , 66, 253-60	23
1780	Protein release from hippocampus in vitro. <b>1984</b> , 305, 61-6	24
1779	Staphylococcal delta toxin-induced generation of chemiluminescence by human polymorphonuclear leukocytes. <b>1984</b> , 22, 957-65	12
1778	The possible role of protein degradation in altered membrane structure and function. <b>1984</b> , 5, 343-346	
1777	Further studies on calf thymus DNA polymerase delta purified to homogeneity by a new procedure. <b>1984</b> , 23, 1906-13	204
1776	Chapter 6. Electromigration techniques. <b>1984</b> , 415-496	5
1775	A protein binds to a satellite DNA repeat at three specific sites that would be brought into mutual proximity by DNA folding in the nucleosome. <b>1984</b> , 37, 889-901	684

1774	Biochemical characterization of a 34-kilodalton normal cellular substrate of pp60v-src and an associated 6-kilodalton protein. <b>1984</b> , 4, 77-85		108
1773	Monoclonal antibodies and peptide mapping reveal structural similarities between the subunits of the glycine receptor of rat spinal cord. <b>1984</b> , 81, 7224-7		304
1772	Chromosomal assignment of the gene for human elongation factor 2. <b>1984</b> , 81, 3158-62		22
1771	Purification and properties of a pea chloroplast DNA polymerase. <b>1984</b> , 81, 2354-8		56
1770	Synthesis in animal cells of hepatitis B surface antigen particles carrying a receptor for polymerized human serum albumin. <b>1984</b> , 81, 7708-12		160
1769	Purification and chemical characterization of the receptor for interleukin 2 from activated human T lymphocytes and from a human T-cell lymphoma cell line. <b>1984</b> , 81, 6481-5		50
1768	Human epithelial cell intermediate filaments: isolation, purification, and characterization. <b>1984</b> , 98, 1407-21		30
1767	Production and Characterization of Monoclonal Antibodies Which Distinguish Different Surface Structures of Pea ( <i>Pisum sativum</i> cv. Alaska) Phytochrome. <b>1984</b> ,		
1766	Identification of trypsin inhibitor in bovine pituitary extracts as a survival factor for adult rat hepatocytes in primary culture. <b>1984</b> , 95, 299-309		24
1765	Purification and characterization of a membrane-bound NADPH-cytochrome c reductase capable of catalyzing menadione-dependent O <sub>2</sub> - formation in guinea pig polymorphonuclear leukocytes. <b>1984</b> , 96, 671-8		18
1764	Developmental and comparative aspects of brine shrimp tubulin. <i>Biochemical Journal</i> , <b>1984</b> , 219, 137-48	3.8	28
1763	Quantitative determination, isolation and characterization of pig lung tubulin. <i>Biochemical Journal</i> , <b>1984</b> , 219, 277-85		21
1762	Multiple phosphorylation of pp30, a rat brain polyribosomal protein, sensitive to polyamines and corticotropin. <i>Biochemical Journal</i> , <b>1984</b> , 224, 747-53	3.8	8
1761	Molecular aspects of development in the brine shrimp <i>Artemia</i> . <b>1984</b> , 31, 221-65		23
1760	An approach to searching for specific proteins associated with active genes in hen oviduct. <b>1984</b> , 31, 509-22		2
1759	Human intestinal brush border peptidases. <b>1985</b> , 88, 913-26		42
1758	Purification of nucleotide-requiring enzymes by immunoaffinity chromatography. <i>Biochemical Journal</i> , <b>1985</b> , 226, 653-9	3.8	2
1757	Assay of cholesteryl ester transfer activity and purification of a cholesteryl ester transfer protein. <b>1985</b> , 111, 274-85		29



1756	Murine interleukin 2. <b>1985</b> , 116, 529-39	5
1755	Expression du g�nome du B19 par l'�lectrophor�se bidimensionnelle des prot�ines � diff�rents stades de d�veloppement. <b>1985</b> , 132, 97-101	
1754	Neural cell adhesion molecule (N-CAM) accumulates in denervated and paralyzed skeletal muscles. <b>1985</b> , 82, 4544-8	278
1753	Essential role of phospholipase A2 activity in endothelial cell-induced modification of low density lipoprotein. <b>1985</b> , 82, 3000-4	341
1752	Purification of the Rous sarcoma virus src kinase by casein-agarose and tyrosine-agarose affinity chromatography. <b>1985</b> , 82, 321-4	34
1751	Localization of sialic acid in kidney glomeruli: regionalization in the podocyte plasma membrane and loss in experimental nephrosis. <b>1985</b> , 82, 8508-12	46
1750	Characterization of Green Tissue-Specific Phytochrome Isolated Immunochemically from Pea Seedlings. <b>1985</b> ,	
1749	Ribonuclease P catalysis differs from ribosomal RNA self-splicing. <b>1985</b> , 229, 79-81	32
1748	Phosphorylation of the calcium antagonist receptor of the voltage-sensitive calcium channel by cAMP-dependent protein kinase. <b>1985</b> , 82, 2528-32	229
1747	Identification of the porcine intestinal 1,25-dihydroxyvitamin D3 receptor on sodium dodecyl sulfate/polyacrylamide gels by renaturation and immunoblotting. <b>1985</b> , 82, 7825-9	58
1746	Catalytic unit of adenylate cyclase: purification and identification by affinity crosslinking. <b>1985</b> , 82, 3086-90	115
1745	Primer-dependent eukaryotic RNA polymerase capable of accurate transcription from the adenovirus major late promoter in a reconstituted system. <b>1985</b> , 82, 7979-83	5
1744	Purification and partial characterization of a cholinergic neuronal differentiation factor. <b>1985</b> , 82, 8795-9	153
1743	A protein kinase from <i>Xenopus</i> eggs specific for ribosomal protein S6. <b>1985</b> , 82, 742-6	173
1742	Characterization and purification of lupus antigen La, and RNA-binding protein. <b>1985</b> , 5, 586-90	45
1741	Mechanism of action of the group A streptococcal C5a inactivator. <b>1985</b> , 82, 8144-8	138
1740	Reversible phosphorylation of tonoplast proteins involves tonoplast-bound calcium-calmodulin-dependent protein kinase(s) and protein phosphatase(s). <b>1985</b> , 4, 199-201	17
1739	Chromosomal localization of structural genes and regulators in wheat by 2D electrophoresis of ditelosomic lines. <b>1985</b> , 71, 31-8	38

1738	Two-dimensional gel electrophoresis of proteins for genetic studies in Douglas fir ( <i>Pseudotsuga menziesii</i> ). <b>1985</b> , 23, 247-55	29
1737	The isolation of coated vesicles from protoplasts of soybean. <b>1985</b> , 163, 317-27	39
1736	Cloning of the tyrocidine synthetase 1 gene from <i>Bacillus brevis</i> and its expression in <i>Escherichia coli</i> . <b>1985</b> , 201, 231-6	40
1735	Identification of prostate and other cancers by two-dimensional protein electrophoresis. <b>1985</b> , 6, 101-16	3
1734	Changes of cytosol proteins in the ventral and dorsolateral prostates of rats during sexual maturation: Immature prostate-abundant proteins as detected by polyacrylamide gel electrophoreses. <b>1985</b> , 7, 395-409	2
1733	Molecular heterogeneity of histochemical fibre types: a comparison of fast fibres. <b>1985</b> , 6, 513-24	23
1732	One Millimeter large Oocytes as a Tool to Study Hormonal Control of Meiotic Maturation in Starfish: Role of the Nucleus in Hormone-stimulated Phosphorylation of Cytoplasmic Proteins. <b>1985</b> , 27, 251-262	4
1731	L-Asparaginase activity in <i>Leptosphaeria michotii</i> . Isolation and properties of two forms of the enzyme. <b>1985</b> , 64, 74-80	10
1730	Isolation of neuropeptide-containing vesicles from the guinea pig ileum. <b>1985</b> , 45, 398-406	45
1729	Purification and characterization of a neuropeptide-degrading aminopeptidase from human brain. <b>1985</b> , 45, 752-9	41
1728	Phylogenetic survey of proteins related to synapsin I and biochemical analysis of four such proteins from fish brain. <b>1985</b> , 45, 63-72	25
1727	Structure of catecholamine secretory vesicles from PC12 cells. <b>1985</b> , 45, 1244-53	37
1726	Two-step immunoaffinity purification of acetylcholinesterase from rabbit brain. <b>1985</b> , 44, 225-32	18
1725	Two acidic proteins associated with brain development in chick embryo. <b>1985</b> , 44, 1210-6	69
1724	Characterization of the subunit structure of dopamine beta-hydroxylase by anion-exchange high-performance liquid chromatography. <b>1985</b> , 327, 351-7	13
1723	Purification and characterization of cAMP-factor from <i>Streptococcus agalactiae</i> by hydrophobic interaction chromatography and chromatofocusing. <b>1985</b> , 348, 363-70	16
1722	Variable association of DNA polymerase with the cytoskeletal fractions of resting and dividing cells. <b>1985</b> , 9, 231-236	
1721	Characterization of diphtheria-toxin-resistant mutants lacking receptor function or containing nonribosylatable elongation factor 2. <b>1985</b> , 11, 421-31	30

1720	Monoclonal antibodies against Dictyostelium plasma membranes: their binding to simple sugars. <b>1985</b> , 17, 83-94	24
1719	Calmodulin and Ca <sup>2+</sup> -dependent cyclic AMP phosphodiesterase activity in Trypanosoma cruzi. <b>1985</b> , 17, 143-53	60
1718	Monoamine oxidase A and monoamine oxidase B activities are catalyzed by different proteins. <b>1985</b> , 831, 1-7	21
1717	Purification and characterization of a thermosensitive X-prolyl dipeptidyl aminopeptidase (dipeptidyl aminopeptidase yscV) from Saccharomyces cerevisiae. <b>1985</b> , 832, 119-125	13
1716	Transferrin subtyping of human bloodstains. <b>1985</b> , 28, 269-75	13
1715	Silver staining for selective detection of histones in polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1985</b> , 146, 111-7	3.1 7
1714	Tubulin evolution: ciliate-specific epitopes are conserved in the ciliary tubulin of Metazoa. <b>1985</b> , 22, 220-9	37
1713	Are axoplasmic microtubules necessary for membrane excitation?. <b>1985</b> , 85, 65-77	14
1712	Myosin light chain compositions of the interatrial and interventricular septa of sheep heart. <b>1985</b> , 80, 357-62	1
1711	Differences in cardiac myosin light chain LC1 among human, monkey and sheep. <b>1985</b> , 41, 1171-3	3
1710	Improved separation at low temperature of glycoproteins by Con A-Sepharose affinity chromatography in the presence of sodium dodecyl sulfate (SDS). <b>1985</b> , 41, 1084-7	2
1709	Dental cell interaction with extracellular-matrix constituents: type-I collagen and fibronectin. <b>1985</b> , 29, 176-81	34
1708	Different patterns of cytokeratin expression in the normal epithelia of the upper respiratory tract. <b>1985</b> , 30, 130-40	79
1707	Cytoskeletal differences between human neuroendocrine tumors: a cytoskeletal protein of molecular weight 46,000 distinguishes cutaneous from pulmonary neuroendocrine neoplasms. <b>1985</b> , 30, 165-75	55
1706	Structure of the cytochrome c oxidase complex of rat liver. 1. Studies on nearest-neighbour relationship of polypeptides with cross-linking reagents. <b>1985</b> , 146, 211-7	26
1705	Purification and characterization of two Cl <sup>-</sup> -activated aminopeptidases hydrolysing basic termini from human skeletal muscle. <b>1985</b> , 147, 307-12	38
1704	Events in glucocorticoid hormone action. A correlation of histone H1 variant pattern changes, hormone binding to cell nuclei, and induction of mouse mammary tumor virus RNA. <b>1985</b> , 152, 173-8	7
1703	Structures of the major carbohydrates of natural human interleukin-2. <b>1985</b> , 153, 255-61	45

1702	Cellular and subcellular colocalization of nerve growth factor and epidermal growth factor in mouse submandibular glands. <b>1985</b> , 213, 365-76		49
1701	Characterization of proline endopeptidase from skeletal muscle. <b>1985</b> , 17, 521-4		13
1700	A sodium dodecyl sulfate-gradient gel electrophoresis system that separates polypeptides in the molecular weight range of 1500 to 100,000. <i>Analytical Biochemistry</i> , <b>1985</b> , 151, 49-54	3.1	32
1699	A comparison of silver staining methods for detecting proteins in ultrathin polyacrylamide gels on support film after isoelectric focusing. <i>Analytical Biochemistry</i> , <b>1985</b> , 148, 384-8	3.1	57
1698	A method for quantitating nanogram amounts of soluble protein using the principle of silver binding. <i>Analytical Biochemistry</i> , <b>1985</b> , 148, 451-60	3.1	36
1697	A method for quantitative analysis of ratios of types I and II collagen in small samples of articular cartilage. <i>Analytical Biochemistry</i> , <b>1985</b> , 145, 277-85	3.1	42
1696	An EHNA-sensitive ATPase in unfertilized sea urchin eggs. <b>1985</b> , 5, 61-75		19
1695	Transferrin and plasminogen phenotyping of aging blood stains using isoelectric focusing and silver stain. <b>1985</b> , 6, 90-93		9
1694	Simplified method for silver staining of proteins in polyacrylamide gels and the mechanism of silver staining. <b>1985</b> , 6, 103-112		1298
1693	Isoelectric focusing of unconcentrated cerebrospinal fluid: Applications to ultrasensitive analysis of oligoclonal immunoglobulin G. <b>1985</b> , 6, 287-291		22
1692	Sensitive Nitro Blue Tetrazolium staining of proteins in high resolution two-dimensional gel electrophoresis. <b>1985</b> , 6, 357-358		3
1691	The quantitation of proteins in silver stained polyacrylamide gels. <b>1985</b> , 6, 361-366		25
1690	Negative aurodye for polyacrylamide gels: The impossible stain. <b>1985</b> , 6, 367-372		9
1689	Silver staining of immunofixed group specific component on cellulose acetate membranes after isoelectric focusing in narrow pH interval gels. <b>1985</b> , 6, 498-503		23
1688	Immunohistochemical localization and molecular characteristics of three monoclonal antibody-defined epitopes detectable on carcinoembryonic antigen (CEA). <b>1985</b> , 36, 75-84		85
1687	A potential role for the extracellular matrix glycoprotein laminin in macrophage-tumor-cell interactions. <b>1985</b> , 36, 511-7		12
1686	Sperm surface components involved in the control of the acrosome reaction. <b>1985</b> , 174, 269-83		96
1685	[Purification of somatic antigens of <i>Paracoccidioides brasiliensis</i> . Preliminary study]. <b>1985</b> , 27, 76-81		9

1684	Changes of plasma membrane proteins during prespore differentiation in Dictyostelium discoideum. <b>1985</b> , 98, 1-7		3
1683	Association of Fe-S center(s) with the large subunit(s) of photosystem I particles. <b>1985</b> , 98, 69-76		36
1682	Purification of the putative alpha-latrotoxin receptor from bovine synaptosomal membranes in an active binding form.. <i>EMBO Journal</i> , <b>1985</b> , 4, 323-327	13	54
1681	A split binding site for transcription factor tau on the tRNA <sup>3</sup> Glu gene.. <i>EMBO Journal</i> , <b>1985</b> , 4, 491-500	13	67
1680	Identification of a putative cell adhesion domain of uvomorulin.. <i>EMBO Journal</i> , <b>1985</b> , 4, 3393-3398	13	170
1679	Vinculin in subsarcolemmal densities in chicken skeletal muscle: localization and relationship to intracellular and extracellular structures. <b>1985</b> , 101, 240-56		168
1678	Two-dimensional gel electrophoresis of cerebrospinal fluid proteins from patients with various neurological diseases.. <b>1985</b> , 31, 1537-1542		38
1677	Proteins and peroxidase in callus and suspension cultures of apple : a study using ultrathin-layer isoelectric focusing, sensitive silver staining of proteins, and peroxidase isozyme visualization. <b>1985</b> , 77, 211-4		12
1676	Intra-blood-brain barrier IgG synthesis in cerebral cysticercosis. <b>1985</b> , 42, 782-4		33
1675	Heparan sulfate proteoglycans from mouse mammary epithelial cells: localization on the cell surface with a monoclonal antibody. <b>1985</b> , 101, 976-84		170
1674	Human interleukin 1. Purification to homogeneity. <b>1985</b> , 161, 490-502		100
1673	Purification of somatomedin-C/insulin-like growth factor I. <b>1985</b> , 109, 798-816		16
1672	Characterization of two isolates of a tobamovirus from <i>Lychnis alba</i> related to Holmes' ribgrass strain. <b>1985</b> , 7, 228-232		3
1671	Embryonic chicken skeletal, cardiac, and smooth muscles express a common embryo-specific myosin light chain. <b>1985</b> , 100, 2025-30		29
1670	Cytotoxicity of rabbit macrophage peptides MCP-1 and MCP-2 for mouse tumor cells. <b>1985</b> , 28, 626-9		25
1669	Cloning of eukaryotic protein synthesis initiation factor genes: isolation and characterization of cDNA clones encoding factor eIF-4A. <b>1985</b> , 13, 6867-80		160
1668	Hydrolysis of Intracellular Proteins in Vacuoles Isolated from <i>Acer pseudoplatanus</i> L. Cells. <b>1985</b> , 79, 1090-3		35
1667	Effects of glycosylation inhibitors on the expression of polyalbumin receptors by hepatitis B surface antigen produced in vitro. <b>1985</b> , 66 ( Pt 11), 2443-51		1

1666	Isolation and characterization of a 14500 molecular weight protein from brains and tissue cultures persistently infected with borna disease virus. <b>1985</b> , 66 ( Pt 11), 2479-84	37
1665	Accelerated wound repair, cell proliferation, and collagen accumulation are produced by a cartilage-derived growth factor. <b>1985</b> , 100, 1219-27	208
1664	Desmocalmin: a calmodulin-binding high molecular weight protein isolated from desmosomes. <b>1985</b> , 101, 2070-80	87
1663	Detection and characterization of high affinity plasma membrane receptors for human interleukin 1. <b>1985</b> , 162, 501-15	383
1662	Analysis of Leaf Proteins by Two-Dimensional Gel Electrophoresis: Protease Action as Exemplified by Ribulose Bisphosphate Carboxylase/ Oxygenase Degradation and Procedure to Avoid Proteolysis during Extraction. <b>1985</b> , 78, 178-82	109
1661	Human interleukin 2. <b>1985</b> , 116, 493-525	28
1660	A method for silver impregnation of mammary myoepithelia. <b>1985</b> , 60, 255-60	2
1659	Receptor function of mouse sperm surface galactosyltransferase during fertilization. <b>1985</b> , 101, 1501-10	236
1658	Complexes of viroids with histones and other proteins. <b>1985</b> , 13, 355-67	56
1657	Isolation and characterization of the peptidoglycans from selected gram-positive and gram-negative periodontal pathogens. <b>1985</b> , 31, 154-60	14
1656	Protein Synthesis in Tomato Fruit Pericarp Tissue During Ripening. Characteristics of Amino Acid Incorporation. <b>1985</b> , 120, 167-179	14
1655	Effects of chronic ethanol consumption on male Syrian hamster hepatic, microsomal mixed-function oxidases. <b>1985</b> , 2, 17-22	8
1654	Purification and characterization of pentobarbital-induced cytochrome P-450BM-1 from <i>Bacillus megaterium</i> ATCC 14581. <b>1985</b> , 838, 302-11	28
1653	Purification of an 86-70 kDa nuclear DNA-associated protein complex. <b>1985</b> , 841, 22-9	72
1652	Expression of a biologically active analogue of somatomedin-C/insulin-like growth factor I. <b>1985</b> , 35, 83-9	38
1651	Lens junctional protein: analyzing MP26 with monoclonal antibodies. <b>1985</b> , 4, 1171-82	11
1650	A rapid method for comparing monoclonal antibodies by limited proteolysis and electrophoresis. <b>1985</b> , 4, 329-39	6
1649	The in vivo effect of gossypol on macromolecular synthesis in rat testis. <b>1985</b> , 32, 661-9	10

1648	Specificity of neuropeptide degradation by two calcium-activated neutral proteases from human skeletal muscle. <b>1985</b> , 37, 725-30	9
1647	Isolation and characterization of two temperature-sensitive mutants of cowpea mosaic virus. <b>1985</b> , 141, 275-82	1
1646	Identification of a protein covalently linked to the 5' terminus of tobacco vein mottling virus RNA. <b>1985</b> , 142, 134-43	59
1645	Synthesis of the major adult cuticle proteins of <i>Drosophila melanogaster</i> during hypoderm differentiation. <b>1985</b> , 107, 420-31	25
1644	Immunoglobulin G, A, and M--clonal restriction in multiple sclerosis cerebrospinal fluid and serum--analysis by two-dimensional electrophoresis. <b>1985</b> , 35, 313-27	52
1643	Differential association of the different brain microtubule proteins in different in vitro assembly conditions. <b>1985</b> , 838, 32-38	2
1642	The changing pathogenicity of <i>Mycoplasma pneumoniae</i> with passage in vitro. Correlates of virulence. <b>1985</b> , 3, 321-8	5
1641	Thermal denaturation of rat pulmonary and testicular angiotensin-converting enzyme isozymes. Effects of chelators and CoCl <sub>2</sub> . <b>1985</b> , 839, 71-82	12
1640	Purification of cell-wall $\beta$ -xylanases from <i>Acacia</i> cultured cells. <b>1985</b> , 41, 91-96	9
1639	Purification and characterization of the glycine receptor of pig spinal cord. <b>1985</b> , 24, 990-4	139
1638	Iduronate sulfatase from human placenta. <b>1985</b> , 839, 258-61	7
1637	Specific neutralizing antiserum against a polypeptide growth inhibitor for mammary cells purified from bovine mammary gland. <b>1985</b> , 846, 145-54	40
1636	Evidence that changes in fibrinogen quality during acute phase reactions are of major importance for the amount of heparin precipitable fraction (HPF). <b>1985</b> , 39, 449-58	3
1635	Membrane proteins and glycoproteins specific to central nervous system axons and growth cones. <b>1985</b> , 351, 237-44	12
1634	Alkaline ribonuclease from the insect <i>Ceratitis capitata</i> . <b>1985</b> , 826, 129-136	11
1633	Partial purification of alkaline phosphatase from bovine polymorphonuclear neutrophils and some properties. <b>1985</b> , 82, 587-93	1
1632	Purification and characterization of protein synthesis initiation factor eIF-4E from the yeast <i>Saccharomyces cerevisiae</i> . <b>1985</b> , 24, 6085-9	84
1631	A calmodulin-dependent protein kinase in Rous sarcoma virus-transformed rat cells and normal liver. <b>1985</b> , 844, 174-81	1

1630	HATCHING OF ILYANASSA OBSOLETA EMBRYOS: DEGRADATION OF THE EGG CAPSULE PLUG IN THE ABSENCE OF DETECTABLE PROTEOLYSIS OF THE MAJOR PLUG PROTEINS. <b>1985</b> , 169, 365-376	8
1629	Purification of the cardiac 1,4-dihydropyridine receptor/calcium channel complex. <b>1985</b> , 126, 1-7	52
1628	Efficient purification of somatomedin-C/insulin-like growth factor I using immunoaffinity chromatography. <b>1985</b> , 126, 282-8	20
1627	Isolation and characterization of two cyanogenic beta-glucosidases from flax seeds. <b>1985</b> , 243, 361-73	63
1626	Ornithine transcarbamylase from <i>Neurospora crassa</i> : purification and properties. <b>1985</b> , 239, 172-83	9
1625	Age-related changes in enzyme activities, protein content and lipid composition of rat kidney brush-border membrane. <b>1985</b> , 814, 265-73	23
1624	Studies on the effect of chronic consumption of moderate amounts of ethanol on male rat hepatic microsomal drug-metabolizing activity. <b>1985</b> , 34, 3427-31	37
1623	Characterization of polypeptides from human nuclear cataracts by Western blot analysis. <b>1985</b> , 40, 205-12	11
1622	tau-Crystallin from the turtle lens: purification and partial characterization. <b>1985</b> , 40, 741-9	35
1621	An abundant ubiquitous glycoprotein (GP100) in nucleated mammalian cells. <b>1985</b> , 179, 294-8	9
1620	Purification and characterisation of chicken brain hypoxanthine-guanine phosphoribosyltransferase. <b>1985</b> , 184, 299-303	3
1619	The effects of sequential administration of 17 beta-estradiol on the synthesis and secretion of specific proteins in the immature rat uterus. <b>1985</b> , 22, 439-51	27
1618	Further evidence for the role of 26 kDa peptide as mosquito larvicidal principle of the crystalline delta endotoxin of <i>Bacillus thuringiensis</i> var <i>Israelensis</i> . <b>1986</b> , 136, 1142-7	2
1617	The acidic peptide-specific type II protein kinases from the nucleus and the cytosol of porcine liver are distinct. <b>1986</b> , 245, 504-11	17
1616	Calmodulin-independent inhibition of platelet phospholipase A2 by calmodulin antagonists. <b>1986</b> , 246, 699-709	23
1615	Formation of hydrogen peroxide and N-hydroxylated amines catalyzed by pulmonary flavin-containing monooxygenases in the presence of primary alkylamines. <b>1986</b> , 251, 654-64	52
1614	Use of monoclonal antibodies for the purification and characterization of the threonine-sensitive isozyme of maize homoserine dehydrogenase. <b>1986</b> , 246, 250-62	14
1613	Three diadenosine 5',5''-P1,P4-tetraphosphate hydrolytic enzymes from <i>Physarum polycephalum</i> with differential effects by calcium: a specific dinucleoside polyphosphate pyrophosphohydrolase, a nucleotide pyrophosphatase, and a phosphodiesterase. <b>1986</b> , 248, 502-15	16



1612	Structural relationship of the heterogeneous nuclear ribonucleoprotein core polypeptides from rat liver nuclei. <b>1986</b> , 247, 355-64	5
1611	Sandwich enzyme-immunoassay for dipeptidyl aminopeptidase IV in the serum of people with oral cancer. <b>1986</b> , 31, 505-7	11
1610	Two-dimensional electrophoresis in the analysis of a mixture of human sublingual and submandibular salivary proteins. <b>1986</b> , 31, 119-25	23
1609	Analysis and identification of human parotid salivary proteins by micro two-dimensional electrophoresis and Western-blot techniques. <b>1986</b> , 31, 337-9	26
1608	Plasma membrane isolated with a defined orientation used to investigate protein topography. <b>1986</b> , 862, 165-177	10
1607	Isolation and characterization of multiple forms of Mg <sup>2+</sup> -dependent phosphatidate phosphohydrolase from rat adipose cytosol. <b>1986</b> , 878, 225-37	4
1606	Purified calcium channels have three allosterically coupled drug receptors. <b>1986</b> , 197, 204-10	63
1605	Immunochemical study of the plasma low and high density lipoproteins in Tangier disease. <b>1986</b> , 201, 163-7	8
1604	Calcium-dependent association of 33 kDa protein in polymorphonuclear leukocytes with phospholipid liposomes containing phosphatidylserine or cardiolipin. <b>1986</b> , 201, 277-81	14
1603	Modifications of 60 S ribosomal subunits induced by the ricin A chain. <b>1986</b> , 208, 373-7	13
1602	Plasma membranes purified from myeloid leukemia cells before and after differentiation. I. Characterization of spectrin-like proteins and increased association of actin. <b>1986</b> , 164, 481-91	4
1601	Expression of multiple troponin T variants in neonatal chicken breast muscle. <b>1986</b> , 118, 42-51	51
1600	A method for silver staining HMG chromosomal proteins in polyacrylamide electrophoretic gels. <b>1986</b> , 12, 265-9	3
1599	Potential length determiner and DNA injection protein is extruded from bacteriophage T4 tail tubes in vitro. <b>1986</b> , 151, 296-314	18
1598	Purification and characterization of the feline sarcoma virus tyrosine-specific kinase pp85gag-fes. <b>1986</b> , 148, 23-32	
1597	Muscle connections between imaginal discs in <i>Drosophila</i> . <b>1986</b> , 113, 288-94	4
1596	Epithelial and mesenchymal cell differentiation in the fetal rat genital ducts: changes in the expression of cytokeratin and vimentin type of intermediate filaments and desmosomal plaque proteins. <b>1986</b> , 117, 135-45	32
1595	Effect of removal of the cytolytic factor of <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> on mosquito toxicity. <b>1986</b> , 141, 937-41	16

1594	Identification and isolation of epididymal luminal proteins of the mouse. <b>1986</b> , 7, 163-8	9
1593	Structural variability and compositional homology of the protamine-like components of the sperm from the bivalve molluscs. <b>1986</b> , 85, 439-449	11
1592	Aminoguanidine prevents diabetes-induced arterial wall protein cross-linking. <b>1986</b> , 232, 1629-32	1062
1591	Variability of expression and arrangement of cytokeratin and neurofilaments in cutaneous neuroendocrine carcinomas (Merkel cell tumors): immunocytochemical and biochemical analysis of twelve cases. <b>1986</b> , 10, 473-95	58
1590	Resolution of highly purified toxic-shock syndrome toxin 1 into two distinct proteins by isoelectric focusing. <b>1986</b> , 25, 54-9	35
1589	Identification and further characterization of the specific cell binding fragment from sponge aggregation factor. <b>1986</b> , 102, 1344-9	41
1588	Purification and characterization of a nicotinic acetylcholine receptor from chick brain. <b>1986</b> , 25, 2082-93	161
1587	A 10S particle released from deoxyribonuclease-sensitive regions of HeLa cell nuclei contains the 86-kilodalton-70-kilodalton protein complex. <b>1986</b> , 25, 5057-63	66
1586	Solubilization of plant membrane proteins for analysis by two-dimensional gel electrophoresis. <b>1986</b> , 81, 802-6	746
1585	Telomere proteins: specific recognition and protection of the natural termini of <i>Oxytricha</i> macronuclear DNA. <b>1986</b> , 47, 195-205	278
1584	Monogenic reproduction allows comparison of protein patterns of female and male predetermined ovaries and embryos in <i>Chrysomya rufifacies</i> (Diptera, Calliphoridae). <b>1986</b> , 85, 693-699	1
1583	The C-terminus of type I collagen is a major binding site for heparin. <b>1986</b> , 882, 1-5	44
1582	Purification and characterization of adenine phosphoribosyltransferase from mouse mammary carcinoma FM3A cells in culture. <b>1986</b> , 884, 304-10	8
1581	Purification and properties of a hemagglutination factor from Arabian Gulf catfish ( <i>Arius thalassinus</i> ) epidermal secretion. <b>1986</b> , 85, 31-9	11
1580	A rat monoclonal antibody which interacts with mammalian ornithine decarboxylase at an epitope involved in phosphorylation. <b>1986</b> , 884, 370-82	17
1579	Detection of antigen in immune precipitates by silver staining of SDS-polyacrylamide gels. <b>1986</b> , 13, 35-42	
1578	Purification and autophosphorylation of insulin receptors from rat skeletal muscle. <b>1986</b> , 888, 107-15	9
1577	Monoclonal IgM/A hybrid antibodies: artifacts due to anti-idiotypic (T15) antibodies in commercial anti-alpha sera. <b>1986</b> , 23, 909-16	13

1576	Evaluation of protocols for purification of mouse monoclonal antibodies. Yield and purity in two-dimensional gel electrophoresis. <b>1986</b> , 90, 25-37	63
1575	Immunoassay for the detection of E. coli proteins in recombinant DNA derived human growth hormone. <b>1986</b> , 91, 213-24	38
1574	Cleavage site of calcium-dependent protease in human platelet membrane glycoprotein Ib. <b>1986</b> , 43, 41-55	19
1573	Rifampin-resistant meningococcal disease in a contact patient given prophylactic rifampin. <b>1986</b> , 108, 93-6	30
1572	Purification and immunochemical properties of tyrosine hydroxylase in human brain. <b>1986</b> , 8, 423-8	17
1571	In vitro effect of the Escherichia coli heat shock regulatory protein on expression of heat shock genes. <b>1986</b> , 166, 380-4	45
1570	NIF (neurite-inducing factor): a novel peptide inducing neurite formation in PC12 cells. <b>1986</b> , 6, 61-7	14
1569	Etude de colibacilles isolés lors de septicémies bovines 1. AVEC SYMPTOMES MENINGES 2. AVEC SYNDROME IMMUNODEPRESSIF ET PURPURA HEMORRAGIQUE. <b>1986</b> , 139, 465	1
1568	The mobility of gizzard myosin in pyrophosphate gel electrophoresis is increased by its light chain phosphorylation. <b>1986</b> , 100, 259-68	16
1567	Synthesis of a growth-associated protein by embryonic rat cerebrocortical neurons in vitro. <b>1986</b> , 6, 3721-30	74
1566	Identification, immunochemical characterization, and purification of a major lipoprotein antigen associated with the inner (cytoplasmic) membrane of Escherichia coli. <b>1986</b> , 166, 1072-82	12
1565	Purification of extracellular lipase from Pseudomonas aeruginosa. <b>1986</b> , 168, 1070-4	173
1564	NEGATIVE GOLD STAINING FOR ELECTROPHORETIC PROTEIN PROFILE INTERPRETATIONS. <b>1986</b> , 19, 647-654	3
1563	Photoacoustic densitometer for sodium dodecyl sulfate polyacrylamide gel electrophoresis combined with silver stain.. <b>1986</b> , 2, 299-302	3
1562	Purification, reconstitution, and characterization of the lac permease of Escherichia coli. <b>1986</b> , 125, 429-52	152
1561	Separation of cytokeratin polypeptides by gel electrophoretic and chromatographic techniques and their identification by immunoblotting. <b>1986</b> , 134, 355-71	200
1560	Purification of a liver DNA-synthesis promoter from plasma of partially hepatectomized rats. <i>Biochemical Journal</i> , <b>1986</b> , 235, 49-55	3.8 52
1559	Trypanosoma cruzi adenylate cyclase activity. Purification and characterization. <i>Biochemical Journal</i> , <b>1986</b> , 234, 145-50	3.8 22

1558	Isolation and characterization of dynein ATPase from bull spermatozoa. <i>Biochemical Journal</i> , <b>1986</b> , 240, 863-9	3.8	35
1557	Identification and purification of 115- and 125-kilodalton cell surface human melanoma-associated antigens. <b>1986</b> , 77, 643-8		2
1556	Cloning, sequence, and expression of bovine interleukin 2. <b>1986</b> , 83, 3223-7		97
1555	Tumor rejection antigens of chemically induced sarcomas of inbred mice. <b>1986</b> , 83, 3407-11		395
1554	Growth-associated protein, GAP-43, a polypeptide that is induced when neurons extend axons, is a component of growth cones and corresponds to pp46, a major polypeptide of a subcellular fraction enriched in growth cones. <b>1986</b> , 83, 3537-41		445
1553	Homology of lipoprotein lipase to pancreatic lipase. <b>1986</b> , 83, 4185-9		37
1552	Calcium and calmodulin-enhanced in vitro phosphorylation of hen brain cold-stable microtubules and spinal cord neurofilament triplet proteins after a single oral dose of tri-o-cresyl phosphate. <b>1986</b> , 83, 6174-8		36
1551	Phosphorylation and inactivation of protein phosphatase 1 by pp60v-src. <b>1986</b> , 83, 207-11		49
1550	Tree squirrel hepatitis B virus: antigenic and structural characterization. <b>1986</b> , 83, 2994-7		23
1549	Purification and characterization of a growth factor from rat platelets for mature parenchymal hepatocytes in primary cultures. <b>1986</b> , 83, 6489-93		533
1548	Gene products specifying adhesion of uropathogenic <i>Escherichia coli</i> are minor components of pili. <b>1986</b> , 83, 1891-5		112
1547	Human tumor cells synthesize an endothelial cell growth factor that is structurally related to basic fibroblast growth factor. <b>1986</b> , 83, 2448-52		203
1546	Partial purification of a nuclear protein that binds to the CCAAT box of the mouse alpha 1-globin gene. <b>1986</b> , 6, 821-32		99
1545	Purification of a cellular, double-stranded DNA-binding protein required for initiation of adenovirus DNA replication by using a rapid filter-binding assay. <b>1986</b> , 6, 1363-73		46
1544	Differential sensitivity of two functions of the insulin receptor to the associated proteolysis: kinase action and hormone binding. <b>1986</b> , 83, 8570-4		26
1543	Purification and properties of chloroplast DNA polymerase. <b>1986</b> , 118, 186-201		8
1542	Interleukin 4 (B-cell growth factor II/eosinophil differentiation factor) is a mitogen and differentiation factor for preactivated murine B lymphocytes. <b>1986</b> , 83, 5228-32		63
1541	Tumor necrosis factor enhances eosinophil toxicity to <i>Schistosoma mansoni</i> larvae. <b>1986</b> , 83, 1055-9		148

1540	Purification and characterization of human kidney renin. <b>1986</b> , 99, 307-10		10
1539	In vivo Studies on Protein Synthesis in Developing Seeds of <i>Canavalia gladiata</i> D.C.. <b>1986</b> ,		
1538	Fragmentation of proteins by free radicals and its effect on their susceptibility to enzymic hydrolysis. <i>Biochemical Journal</i> , <b>1986</b> , 234, 399-403	3.8	320
1537	Requirement for cysteine in the color silver staining of proteins in polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1986</b> , 156, 136-9	3.1	22
1536	Visualization of bilin-linked peptides and proteins in polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1986</b> , 156, 194-201	3.1	229
1535	Silver staining of proteins: standardized procedure for two-dimensional gels bound to polyester sheets. <i>Analytical Biochemistry</i> , <b>1986</b> , 155, 45-50	3.1	43
1534	Sequence homology analysis of proteins by chemical cleavages: using a mono and two dimensional sodium dodecyl sulfate-polyacrylamide gel electrophoresis. <b>1986</b> , 18, 1073-82		5
1533	Production of C5a antagonist by synovial and peritoneal tissue fibroblasts. <b>1986</b> , 129, 215-20		9
1532	Products of the "X" gene in hepatitis B and related viruses. <b>1986</b> , 6, 191-8		47
1531	Azacytidine-induced reactivation of adenosine deaminase in a murine cytotoxic T cell line. <b>1986</b> , 16, 1081-6		2
1530	Purification of an antibody-like protein from the sea star <i>Asterias rubens</i> (L.). <b>1986</b> , 16, 1325-30		13
1529	Technical improvements in two-dimensional electrophoresis increase the level of genetic variation detected in wheat-seedling proteins. <b>1986</b> , 7, 52-54		623
1528	Identification of gamma-glutamyltransferase in rat liver plasma membranes after two-dimensional electrophoresis. <b>1986</b> , 7, 83-88		11
1527	Two-dimensional gel electrophoresis of cerebrospinal fluid immunoglobulins. <b>1986</b> , 7, 89-95		12
1526	Fast silver staining of polyacrylamide gels at elevated temperatures. <b>1986</b> , 7, 232-235		9
1525	Urea-glycerol-acrylamide gel electrophoresis of acidic low molecular weight muscle proteins: Rapid determination of myosin light chain phosphorylation in myosin, actomyosin and whole muscle samples. <b>1986</b> , 7, 417-425		44
1524	Immobilized pH gradients in capillary tubes and two-dimensional gel electrophoresis. <b>1986</b> , 7, 505-511		38
1523	Determination of relative amounts of silver stained proteins on two-dimensional gels using internal calibrator. <b>1986</b> , 7, 544-551		6

1522	Promiscuous expression of myosin in myotonic dystrophy. <b>1986</b> , 9, 355-63	10
1521	Correlation between myofibrillar ATPase activity and myosin heavy chain composition in rabbit muscle fibers. <b>1986</b> , 86, 19-23	195
1520	Changes in DNA topology during spermatogenesis. <b>1986</b> , 94, 217-27	64
1519	Isolation of plasma membranes from <i>Drosophila</i> embryos. <b>1986</b> , 11, 19-24	1
1518	Advantages and disadvantages of silver protein staining in polyacrylamide gel. <b>1986</b> , 102, 1610-1613	2
1517	Patterns of pigmentation in the eye lens of the deep-sea hatchetfish, <i>Argyropspecus affinis</i> Garman. <b>1986</b> , 159, 791-800	17
1516	Extracellular Matrix in the Blastocoel of Newt Gastrula: its Effects on Dissociated Embryonic Cells and some Aspects of its Biochemical Nature. <b>1986</b> , 28, 293-301	4
1515	Characterization of a translational inhibitor isolated from rabbit brain following intravenous administration of d-lysergic acid diethylamide. <b>1986</b> , 46, 1436-43	8
1514	Bioluminescence of outer membrane defective mutants of <i>Photobacterium phosphoreum</i> . <b>1986</b> , 37, 293-298	6
1513	Immunoblot Analysis of Exospore Polypeptides from Some Entomophilic Microsporidia <sup>12</sup> . <b>1986</b> , 33, 14-20	22
1512	Evidence for a protein that enhances the activity of type I procollagen C-proteinase. <b>1986</b> , 6, 267-77	50
1511	Murine monoclonal antibodies recognizing rabbit proteoglycans. <b>1986</b> , 6, 15-39	6
1510	Expression of glial filament protein (GFP) in nerve sheaths and non-neural cells re-examined using monoclonal antibodies, with special emphasis on the co-expression of GFP and cytokeratins in epithelial cells of human salivary gland and pleomorphic adenomas. <b>1986</b> , 31, 206-27	115
1509	Physicochemical characterization of the heat-stable microtubule-associated protein MAP2. <b>1986</b> , 154, 41-8	84
1508	Biochemical comparison of the <i>Neurospora crassa</i> wild type and the temperature-sensitive and leucine-auxotroph mutant leu-5. Purification of the cytoplasmic and mitochondrial leucyl-tRNA synthetases and comparison of the enzymatic activities and the degradation patterns. <b>1986</b> , 158, 43-9	7
1507	Characterization of functional domains in human tissue-type plasminogen activator with the use of monoclonal antibodies. <b>1986</b> , 158, 173-7	40
1506	Light-modulated ADP-ribosylation, protein phosphorylation and protein binding in isolated fly photoreceptor membranes. <b>1986</b> , 161, 61-7	62
1505	Calmodulin-dependent multifunctional protein kinase. Evidence for isoenzyme forms in mammalian tissues. <b>1986</b> , 161, 739-47	35

1504	Group-specific component: a review of the isoelectric focusing methods and auxiliary methods available for the separation of its phenotypes. <b>1986</b> , 32, 135-50	22
1503	Human granulocyte-macrophage colony-stimulating factor purified from a Hodgkin's tumor cell line. <b>1986</b> , 874, 266-73	15
1502	Modified method of silver staining of proteins in polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1986</b> , 159, 323-8	3.1 17
1501	Separation and Characterization of Two Endopeptidases from Cotyledons of Germinating Vigna mungo Seeds. <b>1986</b> , 80, 628-34	67
1500	Isolation and characterization of a rabbit sperm tail protein. <b>1986</b> , 16, 55-66	13
1499	Characterization of a <i>Xenopus laevis</i> mitochondrial protein with a high affinity for supercoiled DNA. <b>1986</b> , 14, 5969-80	24
1498	On the Recovery of Genetically Engineered Proteins from <i>Escherichia coli</i> . <b>1986</b> , 21, 701-726	28
1497	Analysis of EDTA-soluble cell surface components of gram-positive anaerobic cocci. <b>1986</b> , 132, 1591-7	2
1496	Photosynthesis of F(1) Hybrids between C(4) and C(3)-C(4) Species of <i>Flaveria</i> . <b>1986</b> , 82, 211-7	44
1495	Electrophoretic analysis of protoplast, vacuole, and tonoplast vesicle proteins in crassulacean Acid metabolism plants. <b>1986</b> , 82, 916-24	14
1494	Regulation by copper of the expression of plastocyanin and cytochrome c552 in <i>Chlamydomonas reinhardi</i> . <b>1986</b> , 6, 462-9	197
1493	Actin at receptor-rich domains of isolated acetylcholine receptor clusters. <b>1986</b> , 102, 1447-58	73
1492	Topography of N-CAM structural and functional determinants. I. Classification of monoclonal antibody epitopes. <b>1986</b> , 103, 1721-7	91
1491	Production of a heparin-binding angiogenesis factor by the embryonic kidney. <b>1986</b> , 103, 1101-7	100
1490	Human cytomegalovirus replicates in primary human bone marrow cells. <b>1986</b> , 67 ( Pt 12), 2595-604	41
1489	Temporal invariance and clonal uniformity of brain and cerebrospinal IgG, IgA, and IgM in multiple sclerosis. <b>1986</b> , 163, 41-53	150
1488	Two-dimensional gel electrophoresis, isoelectric focusing and agarose gel electrophoresis in the diagnosis of multiple sclerosis. <b>1986</b> , 24, 1017-21	3
1487	Analysis of the Pectin-degrading Enzymes Secreted by Three Strains of <i>Erwinia chrysanthemi</i> . <b>1986</b> , 132, 617-624	

1486	Recombinant DNA Synthesis of Human Growth Hormone. <b>1986</b> , 241-256	1
1485	Two-dimensional electrophoresis of proteins in tumours of the lung. <b>1986</b> , 24, 981-92	3
1484	Redistribution and shedding of flagellar membrane glycoproteins visualized using an anti-carbohydrate monoclonal antibody and concanavalin A. <b>1986</b> , 102, 1797-812	57
1483	Integrin (the CSAT antigen): functionality requires oligomeric integrity. <b>1986</b> , 103, 2421-8	136
1482	Characterization of the corynebacteriophage CG33. <b>1987</b> , 133, 2945-52	4
1481	Neutral proteinase inhibitors in PMN leukocytes. II. Isolation and characterization of a neutral proteinase inhibitor from porcine PMN leukocytes. <b>1987</b> , 368, 1343-53	10
1480	The novel carbohydrate epitope L3 is shared by some neural cell adhesion molecules. <b>1987</b> , 104, 1597-602	67
1479	Abortive infection by bacteriophage Me1 of Escherichia coli K12 strains bearing the plasmid ColV, I-K94. <b>1987</b> , 68 (Pt 2), 263-72	2
1478	Identification of human uromodulin as the Tamm-Horsfall urinary glycoprotein. <b>1987</b> , 236, 83-8	246
1477	Applications of Isoelectric Focusing in Forensic Serology. <b>1987</b> , 143-157	2
1476	Genome homology and divergence in the SP beta-related bacteriophages of Bacillus subtilis. <b>1987</b> , 33, 249-55	3
1475	Visualization of neural cell adhesion molecule by electron microscopy. <b>1987</b> , 104, 1579-86	70
1474	Release of pertussis toxin and its interaction with outer-membrane antigens. <b>1987</b> , 133, 2427-35	2
1473	Biochemical and functional characterization of a novel neuron-glia adhesion molecule that is involved in neuronal migration. <b>1987</b> , 104, 1587-95	213
1472	Monoclonal antibodies directed against surface-associated polypeptides of Treponema pallidum define a biologically active antigen. <b>1987</b> , 133, 1793-803	7
1471	Phytochrome Chromophore Biosynthesis : Both 5-Aminolevulinic Acid and Biliverdin Overcome Inhibition by Gabaculine in Etiolated Avena sativa L. Seedlings. <b>1987</b> , 84, 304-10	66
1470	pH-dependent function, purification, and intracellular location of a major collagen-binding glycoprotein. <b>1987</b> , 105, 517-27	154
1469	The C-S Lyases of Higher Plants : Direct Comparison of the Physical Properties of Homogeneous Alliin Lyase of Garlic (Allium sativum) and Onion (Allium cepa). <b>1987</b> , 85, 1079-83	62



1468	Cell surface proteoglycan of mouse mammary epithelial cells is shed by cleavage of its matrix-binding ectodomain from its membrane-associated domain. <b>1987</b> , 105, 3087-96		150
1467	A sensitive urea-silver stain method for detecting trace quantities of separated proteins in polyacrylamide gels. <b>1987</b> , 17, 93-9		18
1466	Methodology for high-resolution two-dimensional gel electrophoresis. <b>1987</b> , 5, 127-49		10
1465	Serological differentiation of the potato-cyst nematodes <i>Globodera pallida</i> and <i>G. rostochiensis</i> : partial purification of species-specific proteins. <b>1987</b> , 95, 421-428		9
1464	[57] Two-dimensional electrophoresis in the analysis and preparation of cell organelle polypeptides. <b>1987</b> , 148, 623-632		16
1463	A chicken embryo-specific myosin light chain (L23) appears to be identical with one of brain myosin light chains. <b>1987</b> , 102, 1321-7		1
1462	DNA polymerase A and its stimulative factor of baker's yeast: purification and characterization. <b>1987</b> , 102, 741-53		1
1461	Protein disulphide-isomerase from human placenta and rat liver. Purification and immunological characterization with monoclonal antibodies. <i>Biochemical Journal</i> , <b>1987</b> , 241, 39-47	3.8	61
1460	The multiplicity of combinations of myosin light chains and heavy chains in histochemically typed single fibres. Rabbit soleus muscle. <i>Biochemical Journal</i> , <b>1987</b> , 243, 687-93	3.8	100
1459	The multiplicity of combinations of myosin light chains and heavy chains in histochemically typed single fibres. Rabbit tibialis anterior muscle. <i>Biochemical Journal</i> , <b>1987</b> , 243, 695-9	3.8	77
1458	Characterization of human and mouse granulocyte-macrophage-colony-stimulating factors derived from <i>Escherichia coli</i> . <i>Biochemical Journal</i> , <b>1987</b> , 247, 195-9	3.8	42
1457	Characterization and N-terminal sequence of a heparan sulphate proteoglycan synthesized by endothelial cells in culture. <i>Biochemical Journal</i> , <b>1987</b> , 247, 687-93	3.8	19
1456	Purification and characterization of a second form of acid lipase in human liver. <i>Biochemical Journal</i> , <b>1987</b> , 248, 139-44	3.8	6
1455	Inhibition of purified <i>Escherichia coli</i> leader peptidase by the leader (signal) peptide of bacteriophage M13 procoat. <b>1987</b> , 169, 3821-2		30
1454	Relationship between two major immunoreactive forms of arginase in <i>Neurospora crassa</i> . <b>1987</b> , 169, 5510-7		9
1453	Immunological Studies on Pyruvate Orthophosphate Dikinase in C3 Plants. <b>1987</b> ,		
1452	Purification of polypeptide growth factors from milk. <b>1987</b> , 146, 42-8		20
1451	Derivation and assay of biological effects of monoclonal antibodies to epidermal growth factor receptors. <b>1987</b> , 146, 63-81		16

1450	mRNA cap-binding protein: cloning of the gene encoding protein synthesis initiation factor eIF-4E from <i>Saccharomyces cerevisiae</i> . <b>1987</b> , 7, 998-1003	153
1449	Antibodies to <i>Xenopus</i> egg S6 kinase II recognize S6 kinase from progesterone- and insulin-stimulated <i>Xenopus</i> oocytes and from proliferating chicken embryo fibroblasts. <b>1987</b> , 7, 3147-55	82
1448	Flow cytometric sorting and keratin analysis of human epidermal basal cells. <b>1987</b> , 14, 1-8	6
1447	Comparative studies of phosphoenolpyruvate carboxylase from c(3) and c(4) plants. <b>1987</b> , 85, 947-51	33
1446	Expression of enzymatically active poliovirus RNA-dependent RNA polymerase in <i>Escherichia coli</i> . <b>1987</b> , 84, 6050-4	38
1445	Subunit structure of dihydropyridine-sensitive calcium channels from skeletal muscle. <b>1987</b> , 84, 5478-82	395
1444	Multiple forms of basic fibroblast growth factor: amino-terminal cleavages by tumor cell- and brain cell-derived acid proteinases. <b>1987</b> , 84, 1839-43	108
1443	Distribution of extracellular matrix proteins in pancreatic ductal adenocarcinoma and its influence on tumor cell proliferation in vitro. <b>1987</b> , 2, 14-24	114
1442	Large scale production and purification of human IL-2 from buffy coat lymphocytes stimulated with 12-O-tetradecanoylphorbol 13-acetate and calcium ionophore A23187. <b>1987</b> , 103, 15-25	8
1441	Absence of biochemical heterogeneity in McArdle's disease. A high resolution SDS-polyacrylamide gel electrophoresis study. <b>1987</b> , 78, 63-70	12
1440	Purification of a kappa-opioid receptor subtype from frog brain. <b>1987</b> , 10, 19-28	35
1439	Phosphorylation of high-mobility-group protein 14 by two specific kinases modifies its interaction with histone oligomers in free solution. <b>1987</b> , 909, 190-200	6
1438	Isolation of specific IgM monoclonal antibodies by affinity chromatography using alkaline buffers. <b>1987</b> , 24, 11-5	30
1437	T-lymphocyte subpopulation levels and immunoglobulin changes in the cerebrospinal fluid of patients with neurologic disorders. <b>1987</b> , 496, 691-6	11
1436	Benzaldehyde Binding Protein from Dog Olfactory Epithelium. <b>1987</b> , 510, 561-564	9
1435	Effects of repeated systemic administration of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) on striatal tyrosine hydroxylase activity in vitro and tyrosine hydroxylase content. <b>1987</b> , 80, 213-8	37
1434	Purification and properties of virus particles, infectious subviral particles, and cores of bluetongue virus serotypes 1 and 4. <b>1987</b> , 157, 375-86	170
1433	Myocardial specificity for initiating endothelial-mesenchymal cell transition in embryonic chick heart correlates with a particulate distribution of fibronectin. <b>1987</b> , 119, 59-67	143

1432	Extracellular matrix from embryonic myocardium elicits an early morphogenetic event in cardiac endothelial differentiation. <b>1987</b> , 120, 348-55	123
1431	The guinea pig sperm plasma membrane protein, PH-20, reaches the surface via two transport pathways and becomes localized to a domain after an initial uniform distribution. <b>1987</b> , 123, 63-72	68
1430	Effects of pregnancy on the cytochrome P-450 system in mice. <b>1987</b> , 36, 1965-71	7
1429	Binding of protein kinase C to naphthalenesulfonamide- and phenothiazine-agarose columns: evidence for direct interactions between protein kinase C and cationic amphiphilic inhibitors of the enzyme. <b>1987</b> , 36, 4179-81	6
1428	Purification and partial characterization of rat intestinal cefuroxime axetil esterase. <b>1987</b> , 36, 2317-24	18
1427	Correlation between the cystic fibrosis protein detected by isoelectric focusing and a protein of 12 kDa detected by SDS-polyacrylamide gel electrophoresis. <b>1987</b> , 165, 53-9	3
1426	Secretion of antileucoprotease from a human lung tumor cell line. <b>1987</b> , 224, 14-8	14
1425	Purification and subunit structure of hepatocyte growth factor from rat platelets. <b>1987</b> , 224, 311-6	446
1424	Unimpaired coupling of phosphorylated, desensitized beta-adrenoceptor to Gs in a reconstitution system. <b>1987</b> , 217, 287-91	8
1423	Isolation and identification of a fourth subunit in the membrane part of the chloroplast ATP-synthase. <b>1987</b> , 218, 27-30	44
1422	The subunits of specific odor-binding glycoproteins from rat olfactory epithelium. <b>1987</b> , 219, 224-6	10
1421	Mutant with diphtheria toxin receptor and acidification function but defective in entry of toxin. <b>1987</b> , 172, 54-64	6
1420	Association of three chicken proteins with the 34 kD target of Rous sarcoma virus tyrosine kinase. <b>1987</b> , 169, 419-31	3
1419	A progesterone receptor affinity chromatography reagent: 17 alpha-hexynyl nortestosterone sepharose. <b>1987</b> , 26, 383-91	6
1418	Characterization of beta-glucosidases with high specificity for the cyanogenic glucoside dhurrin in Sorghum bicolor (L.) moench seedlings. <b>1987</b> , 252, 152-62	54
1417	Purification and characterization of human colony-stimulating factor 1 from human pancreatic carcinoma (MIA PaCa-2) cells. <b>1987</b> , 253, 205-13	12
1416	The mode of anchoring and precursor forms of sucrase-isomaltase and maltase-glucoamylase in chicken intestinal brush-border membrane. Phylogenetic implications. <b>1987</b> , 896, 275-86	20
1415	Influence of membrane-lipid composition on translocation of nascent proteins in heated Escherichia coli. <b>1987</b> , 901, 147-56	18

1414	Evidence for a junctional feet-ryanodine receptor complex from sarcoplasmic reticulum. <b>1987</b> , 143, 704-9	91
1413	Keratins of the human hair follicle: "hyperproliferative" keratins consistently expressed in outer root sheath cells in vivo and in vitro. <b>1987</b> , 35, 236-48	127
1412	Purification of two high molecular weight toxins of <i>Clostridium difficile</i> which are antigenically related. <b>1987</b> , 2, 307-18	100
1411	Characterization of a virus-specific proteolytic activity processing the gag precursor of the simian sarcoma-associated virus. <b>1987</b> , 156, 246-52	8
1410	Heterogeneity of calcium channels from a purified dihydropyridine receptor preparation. <b>1987</b> , 52, 891-9	47
1409	Immunological determination of transducin content in retinas exhibiting inherited degeneration. <b>1987</b> , 44, 115-25	21
1408	Changes in the localization and content of opsin during retinal development in the rds mutant mouse: immunocytochemistry and immunoassay. <b>1987</b> , 45, 501-15	83
1407	Purification of a bovine liver S6 kinase. <b>1987</b> , 144, 891-9	68
1406	Purification of decidual prolactin-releasing factor, a placental protein that stimulates prolactin release from human decidual tissue. <b>1987</b> , 147, 452-9	17
1405	Characterization of the isozymes of bovine adrenal medullary phenylethanolamine N-methyltransferase. <b>1987</b> , 410, 32-44	19
1404	Purification and some properties of bound cysteine proteinase inhibitor from cornified cells of newborn rat epidermis. <b>1987</b> , 925, 48-56	2
1403	Co-induction of lymphokine synthesis by the antineoplastic bryostatins. <b>1987</b> , 175, 420-30	26
1402	Immunological studies of rodent placental lactogens. <b>1987</b> , 50, 29-36	10
1401	Light induced changes in the polypeptide composition of <i>Sorghum bicolor</i> . <b>1987</b> , 49, 123-135	3
1400	Biogenesis of <i>E. coli</i> Pap pili: papH, a minor pilin subunit involved in cell anchoring and length modulation. <b>1987</b> , 49, 241-51	146
1399	Regional specificity of tubulin heterogeneity in adult mouse brain. <b>1987</b> , 10, 121-5	11
1398	Some physical and chemical properties of purified nematocysts of <i>Hydra attenuata</i> pall. (Hydrozoa, cnidaria). <b>1987</b> , 88, 855-862	13
1397	Purification of bleomycin hydrolase with a monoclonal antibody and its characterization. <b>1987</b> , 26, 1574-8	30

1396	Synthesis of the low molecular weight heat shock proteins in plants. <b>1987</b> , 84, 1007-17		125
1395	Identification and preliminary characterization of a <i>Streptococcus sanguis</i> fibrillar glycoprotein. <b>1987</b> , 169, 164-71		51
1394	Isolation and characterization of the gene for myosin light chain two of <i>Drosophila melanogaster</i> . <b>1987</b> , 104, 19-28		34
1393	Identification of carbohydrate moieties involved in EDTA-stable or EDTA-sensitive cell contact of <i>Dictyostelium discoideum</i> . <b>1987</b> , 101, 1233-45		14
1392	A 250K-molecular-weight actin-binding protein from actin-based gels formed in sea urchin egg cytoplasmic extract. <b>1987</b> , 102, 947-56		14
1391	Structure and expression of human thrombomodulin, a thrombin receptor on endothelium acting as a cofactor for protein C activation.. <i>EMBO Journal</i> , <b>1987</b> , 6, 1891-1897	13	256
1390	Band 3 tyrosine kinase in avian erythrocyte plasma membrane is immunologically related to pp60c-src. <b>1987</b> , 253, C286-95		6
1389	Characterization of intermediate filaments in PC12 cells. <b>1987</b> , 7, 781-91		90
1388	Lipopolysaccharide tightly bound to porin monomers and trimers from <i>Escherichia coli</i> K-12. <b>1987</b> , 169, 4003-10		56
1387	Transmembrane topography of the nicotinic acetylcholine receptor delta subunit.. <i>EMBO Journal</i> , <b>1987</b> , 6, 3619-3626	13	43
1386	Purification and characterization of NADPH-cytochrome c reductase from porcine polymorphonuclear leukocytes. <b>1987</b> , 102, 1083-8		17
1385	Evaluation of lipoproteins and apolipoproteins in serum of a Tangier patient by micro-scale two-dimensional electrophoresis.. <b>1987</b> , 33, 468-472		12
1384	The establishment of two rat colonic carcinomas in tissue culture. A basic prerequisite for standardized experiments on the biology of colonic carcinomas in vivo. <b>1987</b> , 53, 113-24		2
1383	Characterization of subcolumnar reserve cells and other epithelia of human uterine cervix. Demonstration of diverse cytokeratin polypeptides in reserve cells. <b>1987</b> , 54, 98-110		30
1382	<i>Ricinus communis</i> agglutinin II-reactive glycoproteins from the ascites of patients with hepatocellular carcinoma and their use in enzyme-linked immunosorbent assay. <b>1987</b> , 22, 203-10		
1381	Antigenic and biological diversity of feline coronaviruses: feline infectious peritonitis and feline enteritis virus. <b>1987</b> , 96, 29-38		16
1380	Activation of low and null activity isozymes of maize alcohol dehydrogenase by antibodies. <b>1987</b> , 208, 271-8		7
1379	Separation of protein synthesis initiation factor eIF4A from a p220-associated cap binding complex activity. <i>Molecular and Cellular Biochemistry</i> , <b>1987</b> , 76, 15-25	4.2	25

1378	Electrophoretic studies of extracellular glucosyltransferases and fructosyltransferases from seventeen strains of <i>Streptococcus mutans</i> . <b>1987</b> , 147, 207-12		10
1377	Characterization of DNA binding proteins released from sarcoma-180 chromatin during brief digestion with DNase-I. <i>Molecular and Cellular Biochemistry</i> , <b>1987</b> , 78, 101-8	4.2	2
1376	Is the polymorphism of protein amounts related to phenotypic variability? A comparison of two-dimensional electrophoresis data with morphological traits in maize. <b>1987</b> , 74, 194-202		50
1375	Genetic variability for heat shock proteins in common wheat. <b>1987</b> , 74, 209-13		35
1374	Staggerer-specific protein SP47: a unique species among age- and genotype-dependent cerebellar proteins. <b>1987</b> , 12, 53-60		6
1373	Experimental allergic myositis: ultrastructural, histochemical, immunological and immunohistochemical studies. <b>1987</b> , 74, 151-7		6
1372	Intermediate filaments and desmosomal plaque proteins in testicular seminomas and non-seminomatous germ cell tumours as revealed by immunohistochemistry. <b>1987</b> , 410, 295-307		40
1371	Exercise training induces transitions of myosin isoform subunits within histochemically typed human muscle fibres. <b>1987</b> , 409, 349-60		80
1370	Myosin polymorphism in single fibers of chronically stimulated rabbit fast-twitch muscle. <b>1987</b> , 408, 444-50		62
1369	Effects of polybrominated biphenyls upon rat urinary protein patterns as detected by two-dimensional electrophoresis. <b>1987</b> , 16, 579-85		
1368	Differential time-course of induction of rat liver gamma-glutamyltransferase and drug-metabolizing enzymes in the endoplasmic reticulum, Golgi and plasma membranes after a single phenobarbital injection. Evaluation of protein variations by two-dimensional electrophoresis. <b>1987</b> , 5, 217-31		11
1367	An improved method of sequential alcian blue and ammoniacal silver staining of chondroitin sulfate proteoglycan in polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1987</b> , 167, 295-300	3.1	49
1366	Tryptic peptide analysis of nanogram quantities of proteins: radioiodination of proteins detected by silver staining in polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1987</b> , 167, 387-93	3.1	10
1365	Silver staining of native and denatured eucaryotic DNA in agarose gels. <i>Analytical Biochemistry</i> , <b>1987</b> , 165, 33-7	3.1	120
1364	Detection of a few picograms of DNA on polyacrylamide gels by silver staining. <i>Analytical Biochemistry</i> , <b>1987</b> , 164, 146-9	3.1	13
1363	Copper staining: a five-minute protein stain for sodium dodecyl sulfate-polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1987</b> , 166, 308-12	3.1	397
1362	Pholasin--a bioluminescent indicator for detecting activation of single neutrophils. <i>Analytical Biochemistry</i> , <b>1987</b> , 160, 139-48	3.1	39
1361	Soluble 80-kd fragment of cell-CAM 120/80 disrupts cell-cell adhesion. <b>1987</b> , 34, 187-202		207

1360	Comparison of basement membrane matrix degradation by purified proteases and by metastatic tumor cells. <b>1987</b> , 35, 31-49	9
1359	Sodium dodecyl sulfate electrophoresis in the first dimension and isoelectric focusing in the second dimension in a single thin-layer gel, followed by activity stain for glycosyltransferases. <b>1987</b> , 8, 29-34	8
1358	A simplification of Heukeshoven and Dernick's silver staining of proteins. <b>1987</b> , 8, 158-159	155
1357	Systematic analysis of serum lipoproteins and apolipoproteins by a combined technique of micro two-dimensional electrophoresis. <b>1987</b> , 8, 325-330	32
1356	Influence of occupational low-level lead exposure on renal parameters. <b>1987</b> , 12, 341-51	48
1355	Effect of prolonged administration of clofibrac acid and di-(2-ethylhexyl)phthalate on hepatic enzyme activities and lipid peroxidation in the rat. <b>1987</b> , 44, 213-28	73
1354	Rapid chromatographic purification of dipeptidyl-aminopeptidase II from human kidney. <b>1987</b> , 416, 131-7	12
1353	Transition vesicle-enriched fractions isolated from rat liver exhibit a unique peptide pattern. <b>1987</b> , 141, 180-184	1
1352	Purification procedure and N-terminal amino acid sequence of yeast malate dehydrogenase isoenzymes. <b>1987</b> , 912, 398-403	12
1351	Influence of proteins in rat cauda epididymidal lumen fluid on cauda sperm motility. <b>1987</b> , 18, 267-78	14
1350	Purification and characterization of $\beta$ -galactosidase-1 from <i>Drosophila melanogaster</i> . <b>1987</b> , 17, 1163-1171	12
1349	Cerebrospinal fluid proteins studied by two-dimensional gel electrophoresis and immunoblotting technique. <b>1987</b> , 49, 363-72	27
1348	Expression of a 48-kilodalton growth-associated protein in the goldfish retina. <b>1987</b> , 48, 644-52	43
1347	Molecular properties of the growth-associated protein GAP-43 (B-50). <b>1987</b> , 48, 1640-7	73
1346	Isolation and partial characterization of a 56,000-dalton phosphoprotein phosphatase from the blood-brain barrier. <b>1987</b> , 49, 1050-6	16
1345	Purification and amino terminal sequencing of human melanoma nerve growth factor receptor. <b>1987</b> , 48, 225-32	86
1344	A study of the interaction of sodium dodecyl sulphate with the proteins of human heel stratum corneum. <b>1987</b> , 9, 29-46	6
1343	Spore germination and phytochrome biosynthesis in the fern <i>Lygodium japonicum</i> as affected by gabaculine and cycloheximide. <b>1987</b> , 70, 571-576	3

1342	Purification of a proteinase produced by the bivalve pathogen <i>Vibrio alginolyticus</i> NCMB 1339. <b>1987</b> , 10, 211-220		25
1341	Actin-isoform pattern as a marker of normal or pathological smooth-muscle and fibroblastic tissues. <b>1987</b> , 33, 232-8		152
1340	Distribution of a special subset of keratinocytes characterized by the expression of cytokeratin 9 in adult and fetal human epidermis of various body sites. <b>1987</b> , 33, 254-65		57
1339	Binding mode of nucleosome-assembly protein (AP-I) and histones. <b>1987</b> , 162, 19-24		69
1338	Fructose 2-phosphate, an intermediate of the dephosphorylation of fructose 2,6-bisphosphate with a purified yeast enzyme. <b>1987</b> , 164, 27-30		16
1337	Purification of alpha 1-microglobulin produced by human hepatoma cell lines. Biochemical characterization and comparison with alpha 1-microglobulin synthesized by human hepatocytes. <b>1987</b> , 165, 699-704		16
1336	Regulation of signal transfer from beta 1-adrenoceptor to adenylate cyclase by beta gamma subunits in a reconstituted system. <b>1987</b> , 169, 431-9		58
1335	Changes in the protein complement following UV irradiation and their photoreversal in sea urchin ( <i>Hemicentrotus pulcherrimus</i> ) embryos. <b>1987</b> , 45, 809-14		4
1334	PHYLOGENETIC DISTRIBUTION OF THE MAJOR DIATOM LIGHT-HARVESTING PIGMENT-PROTEIN DETERMINED BY IMMUNOLOGICAL METHODS 1. <b>1987</b> , 23, 427-433		27
1333	Conservation of tubulin alpha-beta differences in zinc-induced sheets with variations in pH and microtubule-associated protein content. <b>1988</b> , 98, 48-59		7
1332	Membrane-cytoskeleton interactions: inhibition of odontoblast differentiation by a monoclonal antibody directed against a membrane protein. <b>1988</b> , 37, 62-72		28
1331	Structural determination of the photosystem II core complex from spinach. <b>1988</b> , 178, 209-17		52
1330	Methods for increasing the resolution of two-dimensional protein electrophoresis. <i>Analytical Biochemistry</i> , <b>1988</b> , 173, 424-35	3.1	619
1329	Protein analysis on two-dimensional polyacrylamide gels in the femtogram range: use of a new sulfur-labeling reagent. <i>Analytical Biochemistry</i> , <b>1988</b> , 169, 372-5	3.1	26
1328	A complete quantitative N-terminal analysis method. <i>Analytical Biochemistry</i> , <b>1988</b> , 170, 542-56	3.1	32
1327	Enhancement of peptide immunogenicity by linear polymerization. <b>1988</b> , 18, 199-202		62
1326	Fast horizontal electrophoresis. II. Development of fast automated staining procedures using PhastSystem. <b>1988</b> , 9, 22-7		24
1325	Improvement and simplification of low-background silver staining of proteins by using sodium dithionite. <b>1988</b> , 9, 288-91		276



1324	The use of ultrathin-layer polyacrylamide gel isoelectric focusing in two-dimensional analysis of plant and fungal proteins. <b>1988</b> , 9, 693-704		5
1323	Photocontrol of organelle and cell type specific changes in the polypeptide composition of <i>Euglena</i> and sorghum. <b>1988</b> , 9, 764-73		4
1322	Enhanced constitutive expression of the 27-kDa heat shock proteins in heat-resistant variants from Chinese hamster cells. <b>1988</b> , 137, 157-66		108
1321	Isolation of <i>Spiroplasma citri</i> membranes and characterization of membrane proteins by two-dimensional gel electrophoresis. <b>1988</b> , 16, 229-235		8
1320	An extracellular matrix protein of dentine, enamel, and bone shares common antigenic determinants with keratins. <b>1988</b> , 42, 53-7		13
1319	Development of polyacrylamide gels that improve the separation of proteins and their detection by silver staining. <i>Analytical Biochemistry</i> , <b>1988</b> , 173, 412-23	3.1	307
1318	Selective silver-staining methods for RNA and proteins in the same polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1988</b> , 169, 234-8	3.1	10
1317	A method for staining and stabilizing peroxidase activity in polyacrylamide gel electrophoresis. <i>Analytical Biochemistry</i> , <b>1988</b> , 175, 35-8	3.1	12
1316	Sodium dodecyl sulfate-gel electrophoresis: staining of polypeptides using heavy metal salts. <i>Analytical Biochemistry</i> , <b>1988</b> , 174, 157-67	3.1	74
1315	Fluorography of tritium-labeled proteins in silver-stained polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1988</b> , 170, 528-31	3.1	1
1314	Monomeric and polymeric forms of ependymin: a brain extracellular glycoprotein implicated in memory consolidation processes. <b>1988</b> , 13, 649-55		24
1313	Genetic polymorphism in Norway spruce, <i>Picea abies</i> (L.) Karst, assessed by two-dimensional gel electrophoresis of needle proteins. <b>1988</b> , 2, 188		3
1312	Sequence structure and expression of a cloned beta-glucosidase gene from an extreme thermophile. <b>1988</b> , 213, 84-92		60
1311	Measurement of endogenous ABA levels in chilled somatic embryos of carrot by immunoassay. <b>1988</b> , 7, 352-5		6
1310	Patterns of cytokeratin and vimentin expression in the human eye. <b>1988</b> , 89, 369-77		153
1309	Synthesis of serum proteins by cultured aggregates from endodermal cells of the area opaca of the primitive streak chick embryo. <b>1988</b> , 197, 92-100		4
1308	Floral-specific polypeptides of the Japanese morning glory. <b>1988</b> , 175, 221-8		11
1307	Immunochemical Identification and Quantification of Ovalbumin Additive in Canned Mushrooms. <b>1988</b> , 53, 226-230		19

1306	A monoclonal antibody, KM10 reactive with human gastrointestinal cancer and its application for immunotherapy. <b>1988</b> , 79, 1349-58	9
1305	Near neighbour analysis of variant cell lines derived from the promyeloid cell line HL60. <b>1988</b> , 57, 559-63	7
1304	Isoelectric focusing of <i>Campylobacter jejuni</i> flagellin: microheterogeneity and restricted antigenicity of charged species with a monoclonal antibody. <b>1988</b> , 49, 235-238	8
1303	Chromatographic purification and characterization of elicitors of necrosis on tobacco produced by incompatible <i>Phytophthora</i> species. <b>1988</b> , 440, 87-94	30
1302	Ciliary neurotrophic factor induces type-2 astrocyte differentiation in culture. <b>1988</b> , 335, 70-3	315
1301	Isolation and immunohistochemical localization of a chondroitin sulfate proteoglycan from adult rat brain. <b>1988</b> , 51, 665-76	16
1300	Monoclonal antibodies specific for the different subunits of asymmetric acetylcholinesterase from chick muscle. <b>1988</b> , 51, 95-104	30
1299	Demonstration and biochemical characterisation of rat brain NADPH-dependent diaphorase. <b>1988</b> , 50, 1017-25	55
1298	Purification and characterization of two soluble Cl(-)-activated arginyl aminopeptidases from human brain and their endopeptidase action on neuropeptides. <b>1988</b> , 50, 176-82	39
1297	Protein adsorption at the interface between charged polymer substrata and migrating osteoblasts. <b>1988</b> , 9, 24-9	125
1296	Reversed-phase liquid chromatography and sodium dodecyl sulfate polyacrylamide gel electrophoresis characteristics of a recombinant DNA derived malaria antigen. <b>1988</b> , 444, 191-202	2
1295	Gliding defective mutant cell lines of <i>Chlamydomonas moewusii</i> exhibit alterations in a 240 kDa surface-exposed flagellar glycoprotein. <b>1988</b> , 144, 110-118	10
1294	Solubilization of epicuticular antigen from <i>Dirofilaria immitis</i> third-stage larvae. <b>1988</b> , 31, 173-82	5
1293	Adrenoferreredoxin-binding peptide of NADPH-adrenoferreredoxin reductase. <b>1988</b> , 953, 207-13	11
1292	Isolation and characterization of human breast milk lipoamidase. <b>1988</b> , 957, 345-51	13
1291	Immunocytochemical localization of the major glycoprotein of epididymal fluid from the cauda in the epithelium of the mouse epididymis. <b>1988</b> , 251, 603-10	15
1290	The arthropod gap junction and pseudo-gap junction: isolation and preliminary biochemical analysis. <b>1988</b> , 251, 257-74	21
1289	Purification and characterization of two forms of rat interleukin-2. <b>1988</b> , 114, 12-26	5

1288	Action of the active metabolites of tiazofurin and ribavirin on purified IMP dehydrogenase. <b>1988</b> , 27, 2193-6	79
1287	The effects of salt stress on polypeptides in membrane fractions from barley roots. <b>1988</b> , 88, 1263-73	61
1286	The lobster nerve sodium channel: solubilization and purification of the tetrodotoxin receptor protein. <b>1988</b> , 941, 150-6	7
1285	Properties of odour-binding glycoproteins from rat olfactory epithelium. <b>1988</b> , 937, 369-78	21
1284	Purification and analysis of the structure of alpha-galactosidase from Escherichia coli. <b>1988</b> , 151, 236-41	32
1283	Evidence for a Ca <sup>2+</sup> channel within the ryanodine receptor complex from cardiac sarcoplasmic reticulum. <b>1988</b> , 151, 441-9	94
1282	Collagen-binding proteins of rat mammary tumor epithelial cells: a biochemical and immunological study. <b>1988</b> , 176, 20-37	6
1281	Growth phase-dependent proteins of the Ehrlich ascites tumor analyzed by one- and two-dimensional electrophoresis. <b>1988</b> , 174, 130-8	45
1280	Six myosin heavy chain isoforms are expressed during chick breast muscle development. <b>1988</b> , 238, 245-8	31
1279	The identification of T2; the phosphate/pyrophosphate transport protein of the hepatic microsomal glucose-6-phosphatase system. <b>1988</b> , 229, 179-82	43
1278	Interactions of pure beta gamma-subunits of G-proteins with purified beta 1-adrenoceptor. <b>1988</b> , 227, 225-9	24
1277	Isolation and electrophoretic analysis of surface proteins of the zygomycete Absidia glauca. <b>1988</b> , 234, 100-106	10
1276	Isolation of two blood type A and N specific isolectins from Moluccella laevis seeds. <b>1988</b> , 233, 191-195	15
1275	Common epitopes of glycoprotein B map within the major DNA-binding proteins of bovine herpesvirus type 2 (BHV-2) and herpes simplex virus type 1 (HSV-1). <b>1988</b> , 165, 406-18	9
1274	Enzyme-linked immunosorbent assays (ELISAs) for the determination of contaminants resulting from the immunoaffinity purification of recombinant proteins. <b>1988</b> , 113, 113-22	20
1273	Separation and characterization of three insulin receptor species that differ in subunit composition. <b>1988</b> , 27, 5693-700	22
1272	Studies on the 240-kDa Con A-binding glycoprotein of rat cerebellum, a putative marker of synaptic junctions. <b>1988</b> , 468, 193-200	8
1271	Purification methods for the sequence-specific DNA-binding protein nuclear factor I (NFI)--generation of protein sequence information. <b>1988</b> , 951, 411-8	10

1270	Structural study of immunoaffinity-purified DNA polymerase alpha-DNA primase complex from calf thymus. <b>1988</b> , 950, 263-73	108
1269	Purification and properties of a magnesium-dependent endodeoxyribonuclease endogenous to rat-liver nuclei. <b>1988</b> , 950, 313-20	7
1268	Rat antibodies as probes for the characterization of progesterone receptor A and B proteins from laying hen oviduct cytosol. <b>1988</b> , 968, 96-108	
1267	High-yield purification of a pp60c-src related protein-tyrosine kinase from human platelets. <b>1988</b> , 969, 271-80	26
1266	Reverse gyrase of Sulfolobus: purification to homogeneity and characterization. <b>1988</b> , 27, 9102-8	46
1265	Sandwich enzyme immunoassay of dopamine- $\alpha$ -hydroxylase in cerebrospinal fluid from control and parkinsonian patients. <b>1988</b> , 12, 187-91	12
1264	Acetylcholinesterase undergoes autolysis to generate trypsin-like activity. <b>1988</b> , 89, 223-8	33
1263	Preparation and characterization of monoclonal antibodies against a form of hamster liver cytochrome P-450 highly specific to aflatoxin B1. <b>1988</b> , 153, 441-7	6
1262	Studies on serum resistance in Escherichia coli. <b>1988</b> , 270, 52-65	3
1261	Characters of Escherichia coli 078 isolated from septicaemic animals. <b>1988</b> , 17, 345-56	14
1260	Immune recognition of cytochrome c. II. The role of macrophages as modulators and not as antigen-presenting cells in immune response in vitro. <b>1988</b> , 139, 531-44	
1259	Autonomous DNA binding domains of lambda integrase recognize two different sequence families. <b>1988</b> , 54, 923-9	163
1258	Desmin heterogeneity in the main electric organ of Electrophorus electricus. <b>1988</b> , 70, 783-9	13
1257	Serum acetylcholinesterase possesses trypsin-like and carboxypeptidase B-like activity. <b>1988</b> , 95, 307-12	17
1256	Molecular taxonomy of Lactobacillus phages. <b>1988</b> , 70, 429-35	37
1255	Interferon-gamma (IFN-gamma) as in vitro enhancing factor of peritoneal macrophage defective bactericidal activity during continuous ambulatory peritoneal dialysis (CAPD). <b>1988</b> , 11, 225-30	35
1254	Two-Dimensional Electrophoretic Studies of the Proteins and Polypeptides in Mature Pollen Grains and the Male Germ Unit of Plumbago zeylanica. <b>1988</b> , 88, 764-9	15
1253	Isolation and Characterization of the Amyloplast Envelope-Membrane from Cultured White-Wild Cells of Sycamore (Acer pseudoplatanus L.). <b>1988</b> , 87, 371-8	26

1252	Preparation of toxic shock syndrome toxin-1. <b>1988</b> , 165, 37-43	69
1251	A quantitative analysis of nuclear factor I/DNA interactions. <b>1988</b> , 16, 4419-35	111
1250	Purification and partial characterization of a plasminogen activator inhibitor from the human glioblastoma, U138. <b>1988</b> , 66, 1270-7	16
1249	Auxin-Stimulated NADH Oxidase Purified from Plasma Membrane of Soybean. <b>1988</b> , 86, 1264-9	141
1248	Purification and characterization of the isopenicillin N synthase of <i>Streptomyces lactamdurans</i> . <b>1988</b> , 134, 133-41	10
1247	Identification and purification of EBP1: a HeLa cell protein that binds to a region overlapping the 'core' of the SV40 enhancer. <b>1988</b> , 2, 991-1002	59
1246	A Proteinase from Germinating Barley : I. Purification and Some Physical Properties of a 30 kD Cysteine Endoproteinase from Green Malt. <b>1988</b> , 88, 1454-60	60
1245	Persistent grossly elevated plasma immunoglobulin A levels in untreated streptozocin-induced diabetic rats. <b>1988</b> , 37, 177-84	2
1244	Monocyte-derived human B-cell growth factor identified as interferon-beta 2 (BSF-2, IL-6). <b>1988</b> , 239, 502-4	192
1243	Detection of proteins in polyacrylamide gels using an ultrasensitive silver staining technique. <b>1988</b> , 3, 159-68	5
1242	Chloroplast DNA replication in vitro: site-specific initiation from preferred templates. <b>1988</b> , 16, 5603-20	32
1241	Acute antibody responses to <i>Giardia lamblia</i> are depressed in patients with AIDS. <b>1988</b> , 157, 798-804	76
1240	Ifm(2)2 is a myosin heavy chain allele that disrupts myofibrillar assembly only in the indirect flight muscle of <i>Drosophila melanogaster</i> . <b>1988</b> , 107, 2613-21	59
1239	Vascular smooth muscle calponin. A novel troponin T-like protein. <b>1988</b> , 11, 620-6	175
1238	Identification and characterization of a mitogen-activated S6 kinase. <b>1988</b> , 85, 406-10	209
1237	Gel retardation at low pH resolves trp repressor-DNA complexes for quantitative study. <b>1988</b> , 85, 975-9	230
1236	Purification of a yeast protein that binds to origins of DNA replication and a transcriptional silencer. <b>1988</b> , 85, 2120-4	218
1235	Isolation, hyperexpression, and sequencing of the aceA gene encoding isocitrate lyase in <i>Escherichia coli</i> . <b>1988</b> , 170, 4528-36	68

1234	Synthesis, processing, and transport of <i>Pseudomonas aeruginosa</i> elastase. <b>1988</b> , 170, 5241-7	68
1233	Three new t-haplotypes of <i>Mus musculus</i> reveal structural similarities to t-haplotypes of <i>Mus domesticus</i> . <b>1988</b> , 51, 111-9	11
1232	Studies on Plastid-Nuclei (Nucleoids) in <i>Nicotiana tabacum</i> L. I. Isolation of Proplastid-Nuclei from Cultured Cells and Identification of Proplastid-Nuclear Proteins. <b>1988</b> ,	
1231	Two kinds of myosin phosphatases with different enzymatic properties from fresh chicken gizzard smooth muscle. Purification and characterization. <b>1988</b> , 103, 380-5	32
1230	Beta-actinin: a capping protein at the pointed end of thin filaments in skeletal muscle. <b>1988</b> , 103, 61-71	19
1229	Beta-actinin isoforms in various types of muscle and non-muscle tissues. <b>1988</b> , 103, 76-80	9
1228	Polypeptide Compositions of Stroma, Internal Membranes, and Inner and Outer Envelope Membranes of Amyloplast from Suspension-Cultured Cells of Sycamore ( <i>Acer pseudoplatanus</i> L.)1. <b>1988</b> ,	
1227	A simple rapid purification scheme for hydroxymethylbilane synthase from human erythrocytes. <i>Biochemical Journal</i> , <b>1988</b> , 251, 237-41	3.8 8
1226	Serum antibodies to mycobacterial antigens in active Crohn's disease. <b>1988</b> , 94, 1404-11	47
1225	Characterization of the bacterial magnetosome membrane. <b>1988</b> , 170, 834-41	373
1224	Proton pump of clathrin-coated vesicles. <b>1988</b> , 157, 634-46	10
1223	Cleavage furrow isolated from newt eggs: contraction, organization of the actin filaments, and protein components of the furrow. <b>1988</b> , 85, 5966-70	79
1222	Human and rat mast cell high-affinity immunoglobulin E receptors: characterization of putative alpha-chain gene products. <b>1988</b> , 85, 1907-11	104
1221	Partial amino acid sequence of porcine 1,25-dihydroxyvitamin D3 receptor isolated by immunoaffinity chromatography. <b>1988</b> , 85, 2454-8	18
1220	Purification of maturation-promoting factor, an intracellular regulator of early mitotic events. <b>1988</b> , 85, 3009-13	532
1219	Purification and biochemical properties of a human monocyte-derived growth factor. <b>1988</b> , 85, 6374-8	8
1218	"High-resolution" mini-two-dimensional gel electrophoresis automatically run and stained in less than 6 h with small, ready-to-use slab gels.. <b>1988</b> , 34, 166-170	18
1217	Mapping of the microvillar 110K-calmodulin complex: calmodulin-associated or -free fragments of the 110-kD polypeptide bind F-actin and retain ATPase activity. <b>1988</b> , 106, 367-73	44

1216	Characteristics of an RNA polymerase population isolated from <i>Bacillus subtilis</i> late in sporulation. <b>1988</b> , 170, 5863-9		4
1215	Partial purification and characterization of an inactive precursor of <i>Pseudomonas aeruginosa</i> elastase. <b>1988</b> , 170, 1215-9		29
1214	Oxacillin-induced inhibition of protein and RNA synthesis in a tolerant <i>Staphylococcus aureus</i> isolate. <b>1988</b> , 170, 1831-6		9
1213	Synaptic acetylcholinesterase of chicken muscle changes during development from a hybrid to a homogeneous enzyme.. <i>EMBO Journal</i> , <b>1988</b> , 7, 2451-2456	13	17
1212	Developmental changes in Ca <sup>2+</sup> /calmodulin-dependent protein kinase II in cultures of hippocampal pyramidal neurons and astrocytes. <b>1988</b> , 8, 1039-51		89
1211	Monocyte-derived human B-cell growth factor identified as interferon-beta 2 (BSF-2, IL-6). <b>1988</b> , 239, 502-504		167
1210	Comparison of protein patterns between invasive and non-invasive ovine strains of <i>Chlamydia psittaci</i> . <b>1989</b> , 46, 40-42		11
1209	Studies on Plastid-Nuclei (Nucleoids) in <i>Nicotiana tabacum</i> L. II. Disassembly and Reassembly of Proplastid-Nuclei Isolated from Cultured Cells. <b>1989</b> ,		
1208	Localization of the Reversible Hydrogenase in Cyanobacteria. <b>1989</b> , 44, 384-391		45
1207	Co-operative interactions between NFI and the adenovirus DNA binding protein at the adenovirus origin of replication.. <i>EMBO Journal</i> , <b>1989</b> , 8, 1841-1848	13	49
1206	A novel integrin (alpha E beta 4) from human epithelial cells suggests a fourth family of integrin adhesion receptors.. <i>EMBO Journal</i> , <b>1989</b> , 8, 673-680	13	204
1205	A DNA binding protein that recognizes oligo(dA).oligo(dT) tracts.. <i>EMBO Journal</i> , <b>1989</b> , 8, 1867-1877	13	78
1204	Isolation and characterization of membranes from bovine liver which are highly enriched in mannose 6-phosphate receptors. <b>1989</b> , 108, 2149-62		33
1203	Isolation of two distinct cytochromes P-45011 beta with aldosterone synthase activity from bovine adrenocortical mitochondria. <b>1989</b> , 105, 497-9		69
1202	Purification and partial characterization of the <i>Rhizobium leguminosarum</i> biovar <i>viciae</i> Ca <sup>2+</sup> -dependent adhesin, which mediates the first step in attachment of cells of the family Rhizobiaceae to plant root hair tips. <b>1989</b> , 171, 4054-62		101
1201	The contact site A glycoprotein of <i>Dictyostelium discoideum</i> carries a phospholipid anchor of a novel type.. <i>EMBO Journal</i> , <b>1989</b> , 8, 371-377	13	72
1200	A stimulated S6 kinase from rat liver: identity with the mitogen activated S6 kinase of 3T3 cells.. <i>EMBO Journal</i> , <b>1989</b> , 8, 4125-4132	13	60
1199	Substitution of a pentalenolactone-sensitive glyceraldehyde-3-phosphate dehydrogenase by a genetically distinct resistant isoform accompanies pentalenolactone production in <i>Streptomyces arenae</i> . <b>1989</b> , 171, 6696-702		22

1198	Purification of axonin-1, a protein that is secreted from axons during neurogenesis.. <i>EMBO Journal</i> , <b>1989</b> , 8, 55-63	13	55
1197	Purification and N-terminal sequence of the alpha subunit of antigen 43, a unique protein complex associated with the outer membrane of <i>Escherichia coli</i> . <b>1989</b> , 171, 3634-40		42
1196	Purification and properties of <i>Myxococcus xanthus</i> cell surface antigen 1604. <b>1989</b> , 171, 4655-66		7
1195	Phosphorylation of rodent cardiac myosin light chain 2: effects of exercise. <b>1989</b> , 67, 2447-53		28
1194	A homologue of the axonally secreted protein axonin-1 is an integral membrane protein of nerve fiber tracts involved in neurite fasciculation. <b>1989</b> , 109, 2363-78		75
1193	A GAP-43-like protein in cat visual cortex. <b>1989</b> , 2, 583-91		17
1192	Immunochemical Analysis Shows That an ATP/ADP-Translocator Is Associated with the Inner-Envelope Membranes of Amyloplasts from <i>Acer pseudoplatanus</i> L. <b>1989</b> , 89, 1024-7		36
1191	Induction of Proteinase Inhibitors in Tobacco Cell Suspension Culture by Elicitors of <i>Phytophthora parasitica</i> var. <i>nicotianae</i> . <b>1989</b> , 90, 1065-70		45
1190	Characterization of the Mammalian Toxicity of the Crystal Polypeptides of <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> . <b>1989</b> , 13, 310-322		1
1189	Characterization of <i>Campylobacter cinaedi</i> and <i>C. fennelliae</i> antigens and analysis of the human immune response. <b>1989</b> , 159, 635-40		17
1188	J1-160 and J1-180 are oligodendrocyte-secreted nonpermissive substrates for cell adhesion. <b>1989</b> , 109, 1765-78		250
1187	Characterization of two soybean repetitive proline-rich proteins and a cognate cDNA from germinated axes. <b>1989</b> , 1, 945-52		113
1186	Identification of the transferrin- and lactoferrin-binding proteins in <i>Haemophilus influenzae</i> . <b>1989</b> , 29, 121-30		104
1185	Reconstituted and Cellular Viroid-Protein Complexes. <b>1989</b> , 70, 2257-2270		19
1184	Close Relationship of Virulent Bacteriophages of <i>Streptococcus salivarius</i> subsp. <i>thermophilus</i> at Both the Protein and the DNA Level. <b>1989</b> , 135, 3337-3344		
1183	Monoclonal antibodies to the human interferon-gamma receptor: blocking of the biological activities of interferon-gamma and purification of the receptor. <b>1989</b> , 9, 315-28		16
1182	Serological differentiation of the potato-cyst nematodes <i>Globodera pallida</i> and <i>G. rostochiensis</i> : II. Preparation and characterization of species specific monoclonal antibodies. <b>1989</b> , 8, 401-13		11
1181	A membrane-cytoskeletal complex containing Na <sup>+</sup> ,K <sup>+</sup> -ATPase, ankyrin, and fodrin in Madin-Darby canine kidney (MDCK) cells: implications for the biogenesis of epithelial cell polarity. <b>1989</b> , 108, 893-902		282



1180	Monoclonal antibodies for affinity purification of IL-6/IFN- beta 2 and for neutralization of HGF activity. <b>1989</b> , 8, 561-7		13
1179	A developmental-specific factor binds to suppressor sites flanking the immunoglobulin heavy-chain enhancer. <b>1989</b> , 3, 1255-66		105
1178	Phase-Specific Polypeptides and Poly(A) RNAs during the Cell Cycle in Synchronous Cultures of <i>Catharanthus roseus</i> Cells. <b>1989</b> , 89, 910-7		24
1177	A histological and biochemical assessment of the cartilage matrix obtained from in vitro storage of osteochondral allografts. <b>1989</b> , 23, 89-99		54
1176	Total protein analysis in rotifer populations. <b>1989</b> , 17, 409-415		17
1175	The exogastrula-inducing peptides in embryos of the sea urchin, <i>Anthocidaris crassispira</i> --isolation and determination of the primary structure. <b>1989</b> , 26, 53-66		25
1174	The limited proteolysis of tumor necrosis factor-alpha. <b>1989</b> , 8, 669-77		4
1173	Immunization procedures for E. coli proteins. <i>Applied Biochemistry and Biotechnology</i> , <b>1989</b> , 22, 151-68	3.2	6
1172	Homoeology and phylogeny of the A, S, and D genomes of the triticeae. <b>1989</b> , 29, 89-94		20
1171	Polypeptide composition of normal and neoplastic human breast tissues and cells analyzed by two-dimensional gel electrophoresis. <b>1989</b> , 14, 337-48		12
1170	Intramuscular comparison of myosin isozymes and light chains in rat extensor digitorum longus muscle. <b>1989</b> , 45, 339-41		
1169	Characterization of the adaptation response of <i>Anacystis nidulans</i> to growth in the presence of sublethal doses of herbicide. <b>1989</b> , 18, 369-374		17
1168	Multiple sclerosis intra-blood-brain-barrier IgG synthesis: effect of pulse intravenous and intrathecal corticosteroids. <b>1989</b> , 10, 19-32		7
1167	A serum protein involved in aging?. <b>1989</b> , 11, 131-41		3
1166	Copper iodide staining of protein blots on nitrocellulose membranes. <i>Analytical Biochemistry</i> , <b>1989</b> , 181, 250-3	3.1	28
1165	Modified method for peptide mapping of collagen chains using cyanogen bromide-cleavage of protein within polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1989</b> , 176, 365-7	3.1	16
1164	Signal transduction via MHC class II antigens on B lymphocytes. <b>1989</b> , 16, 273-81		5
1163	The multiplicity of troponin T isoforms. Distribution in normal rabbit muscles and effects of chronic stimulation. <b>1989</b> , 179, 31-8		36

1162	Specific antibodies reveal ordered and cell-cycle-related use of histone-H4 acetylation sites in mammalian cells. <b>1989</b> , 179, 131-9		147
1161	Aspartate aminotransferase isoenzymes in <i>Leptosphaeria michotii</i> . Properties and intracellular location. <b>1989</b> , 180, 153-9		10
1160	A small isoform of NADH:ubiquinone oxidoreductase (complex I) without mitochondrially encoded subunits is made in chloramphenicol-treated <i>Neurospora crassa</i> . <b>1989</b> , 180, 173-80		118
1159	Serological analysis and characterization of calf thymus ribonuclease H IIb. <b>1989</b> , 184, 321-9		15
1158	Type I procollagen C-proteinase from mouse fibroblasts. Purification and demonstration of a 55-kDa enhancer glycoprotein. <b>1989</b> , 186, 115-21		77
1157	Changes in myosin heavy chain isoforms during chronic low-frequency stimulation of rat fast hindlimb muscles. A single-fiber study. <b>1989</b> , 186, 749-54		132
1156	Analysis of immune complexes of cerebrospinal fluid by two-dimensional gel electrophoresis. <b>1989</b> , 10, 473-9		11
1155	Cystic fibrosis proteins detected by electrophoretic techniques. <b>1989</b> , 10, 628-32		1
1154	Two-dimensional electrophoresis of plasma proteins and high density lipoproteins during inflammation. <b>1989</b> , 10, 781-4		10
1153	Temperature-dependent oligomerization of hsp85 in vitro. <b>1989</b> , 140, 601-7		15
1152	Selective silver staining of urease activity in polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1989</b> , 177, 37-40	3.1	10
1151	Chromatographic separations of serum proteins on immobilized metal ion stationary phases. <i>Analytical Biochemistry</i> , <b>1989</b> , 183, 108-21	3.1	16
1150	A mixing chamber to enucleate avian and fish erythrocytes: preparation of their plasma membrane. <i>Analytical Biochemistry</i> , <b>1989</b> , 182, 71-6	3.1	4
1149	Human spleen cathepsin D: its characterization and localization in human spleen. <b>1989</b> , 21, 317-26		6
1148	Cross-reactivity of an antineurofilament antibody with a troponin-T isoform. <b>1989</b> , 12, 827-32		3
1147	Purification of the membrane protein enzyme lipoamidase by affinity chromatography. <b>1989</b> , 3, 274-5		2
1146	Agonist-specific myosin phosphorylation and intracellular calcium during isometric contractions of arterial smooth muscle. <b>1989</b> , 413, 637-43		102
1145	The cellular eye lens and crystallins of cubomedusan jellyfish. <b>1989</b> , 164, 577-87		65

1144	Cyclic nucleotide phosphodiesterase and 5'-nucleotidase: a coupled system. <b>1989</b> , 14, 1213-21	4
1143	Identification and purification of a nuclease from <i>Zinnia elegans</i> L.: a potential molecular marker for xylogenesis. <b>1989</b> , 179, 181-95	143
1142	Expression of DNA binding proteins in carrot somatic embryos that specifically interact with a cis regulatory element of the French bean phaseolin gene. <b>1989</b> , 13, 605-10	7
1141	Protein patterns in rotifers: the timing of aging. <b>1989</b> , 186-187, 325-330	12
1140	Antigenic expression of aminopeptidase M, dipeptidyl-peptidase IV and endopeptidase by primary cultures from rabbit kidney proximal tubule. <b>1989</b> , 91, 17-30	17
1139	Myosin heavy chain isoforms in histochemically defined fiber types of rat muscle. <b>1989</b> , 92, 453-7	217
1138	Biochemical differences between embryogenic and nonembryogenic calli of conifers. <b>1989</b> , 3, 173	13
1137	Cell type heterogeneity of intermediate filament expression in epithelia of the human pituitary gland. <b>1989</b> , 93, 93-103	32
1136	Protein mapping and genome expression variations in the basidiomycete <i>Agrocybe aegerita</i> . <b>1989</b> , 78, 505-12	9
1135	Plenary lectures. <b>1989</b> , 5, S505-S540	
1134	Characterization of a stigmatic component from <i>Papaver rhoeas</i> L. which exhibits the specific activity of a self-incompatibility (S) gene product. <b>1989</b> , 112, 307-315	31
1133	Protein fatty acid acylation in developing cortical neurons. <b>1989</b> , 52, 1149-55	16
1132	Two-dimensional protein profiles of palisade parenchyma and of spongy parenchyma of <i>Vicia faba</i> leaf. <b>1989</b> , 77, 599-605	5
1131	Purification and Properties of Purine Nucleosidase from N <sub>2</sub> -Fixing Nodules of Cowpea ( <i>Vigna unguiculata</i> ). <b>1989</b> , 134, 447-452	22
1130	Production and secretion of the 21-23.5 kDa prolactin-like molecules. <b>1989</b> , 61, 189-99	10
1129	The antibody response to salmonellae in mice and humans studied by immunoblots and ELISA. <b>1989</b> , 6, 445-54	62
1128	Purification and characterization of a uterine phospholipase inhibitor that loses activity after labor onset in women. <b>1989</b> , 160, 602-6	39
1127	Partial purification and characterization of a neurite-promoting factor from the injured goldfish optic nerve. <b>1989</b> , 5, 45-50	15

1126	Comparative study on human milk and serum biotinidase. <b>1989</b> , 71, 1163-9	14
1125	Mollicutes DNA polymerases: characterization of a single enzyme from <i>Mycoplasma mycoides</i> and <i>Ureaplasma urealyticum</i> and of three enzymes from <i>Acholeplasma laidlawii</i> . <b>1989</b> , 140, 191-205	8
1124	Expression of synthetic genes encoding bovine and human basic fibroblast growth factors (bFGFs) in <i>Escherichia coli</i> . <b>1989</b> , 75, 21-30	31
1123	Selective separation of virus proteins and double-stranded RNAs by SDS-KCl precipitation. <b>1989</b> , 26, 3-15	17
1122	Purification and properties of an endonuclease endogenous to rat-liver nuclei. <b>1989</b> , 1008, 287-92	4
1121	Purification and properties of the DNA-binding protein HPB12 from <i>Bacillus subtilis</i> nucleoid. <b>1989</b> , 1009, 161-7	7
1120	Multiple forms of recombinant murine interleukin-4 expressed in COS-7 monkey kidney cells. <b>1989</b> , 1007, 283-8	7
1119	Purification of plasma membranes from different cell types of <i>Zygosaccharomyces bailii</i> . <b>1989</b> , 10, 199-205	1
1118	Changes in RNA, protein, and translatable messenger RNA synthesis and accumulation during adventive organogenesis in somatic tissue cultures of <i>Solanum carolinense</i> . <b>1989</b> , 65, 77-85	8
1117	Detection of antiplatelet immunoglobulin in thrombocytopenic dogs. <b>1989</b> , 22, 101-11	10
1116	Production and purification of bovine monocyte-derived interleukin 1. <b>1989</b> , 23, 201-11	19
1115	Immunoaffinity purification of tyrosine-phosphorylated cellular proteins. <b>1989</b> , 120, 115-24	81
1114	Hemolytic and toxic properties of <i>Hydra attenuata</i> nematocysts. <b>1989</b> , 27, 325-39	35
1113	A new method for purifying heparin-binding growth factors. <b>1989</b> , 556, 166-72	4
1112	Isolation and characterization of phospholipase A2 from rat lung with affinity chromatography and two-dimensional gel electrophoresis. <b>1989</b> , 1005, 282-8	20
1111	Spinach nitrite reductase: subunit composition and siroheme redox potential. <b>1989</b> , 275, 1-10	14
1110	Preparation of an affinity chromatography matrix for the selective purification of the dopamine D2 receptor from bovine striatal membranes. <b>1989</b> , 986, 271-80	3
1109	Localization of sugar-binding sites in contact chemosensilla of <i>Periplaneta americana</i> . <b>1989</b> , 35, 239-250	18

1108	Characterization of <i>Wolbachia postica</i> , the cause of reproductive incompatibility among alfalfa weevil strains. <b>1989</b> , 54, 248-259	15
1107	Induction of an epithelial-mesenchymal transition by an in vivo adheron-like complex. <b>1989</b> , 136, 118-28	129
1106	Purification of 25-hydroxyvitamin D3 24-hydroxylase from rat kidney mitochondria. <b>1989</b> , 255, 405-8	36
1105	Kinetic analysis of nuclear factor I and its DNA-binding domain with the adenovirus origin of replication. <b>1989</b> , 258, 51-54	3
1104	Similarities of <i>Giardia</i> antigens derived from human and animal sources. <b>1989</b> , 19, 91-8	50
1103	Identification of the photochemically iodinated amino-acid residue on D1-protein in the Photosystem II core complex by peptide mapping analysis. <b>1989</b> , 973, 138-146	11
1102	Purification and partial characterization of the muscle LDH-A4 and -B4 isozymes and the respective subunits of the fish, <i>Oryzias latipes</i> . <b>1989</b> , 93, 11-20	
1101	Relationship between virulence of <i>Chlamydia psittaci</i> strains and establishment of persistent infection of McCoy cells. <b>1989</b> , 19, 65-73	10
1100	Somatic Embryogenesis in <i>Trifolium</i> : Protein Profiles Associated with High-and Low-Frequency Regeneration. <b>1989</b> , 135, 306-312	17
1099	Soluble cytokine receptors are present in normal human urine. <b>1989</b> , 170, 1409-14	390
1098	Landmark mapping: a general method for localizing cysteine residues within a protein. <b>1989</b> , 86, 3549-53	11
1097	Characterization of coccidial proteins by two-dimensional sodium dodecyl sulphate-polyacrylamide gel electrophoresis. <b>1989</b> , 99 Pt 2, 175-87	32
1096	Purification and characterization of membrane-bound 5'-nucleotidase of <i>Vibrio parahaemolyticus</i> . <b>1989</b> , 105, 785-9	12
1095	Fluorescence labeling of proteins related to ADH-induced change in frog bladder luminal membrane. <b>1989</b> , 67, 115-121	3
1094	Direct visualization of an IgM directed against a membrane antigen involved in both cell-matrix interactions and microfilament organization. <b>1989</b> , 66, 335-338	1
1093	Purification and activation of the double-stranded RNA-dependent eIF-2 kinase DAI. <b>1989</b> , 9, 1576-86	189
1092	Mandelonitrile lyase from <i>Ximenia americana</i> L.: stereospecificity and lack of flavin prosthetic group. <b>1989</b> , 86, 6978-81	49
1091	Characterization of Two Soybean Repetitive Proline-Rich Proteins and a Cognate cDNA from Germinated Axes. <b>1989</b> , 1, 945	6

1090	"Activated"-RecA protein affinity chromatography of LexA repressor and other SOS-regulated proteins. <b>1989</b> , 86, 8363-7		38
1089	Type analysis of the oligosaccharide chains on microheterogeneous components of bovine pancreatic DNAase by the lectin-nitrocellulose sheet method. <i>Biochemical Journal</i> , <b>1989</b> , 257, 43-9	3.8	17
1088	Interferon alters the pattern of secreted proteins from Ehrlich ascites-tumour cells. <i>Biochemical Journal</i> , <b>1989</b> , 261, 57-61	3.8	2
1087	The solubilization of a glucuronyltransferase involved in pea ( <i>Pisum sativum</i> var. Alaska) glucuronoxylan synthesis. <i>Biochemical Journal</i> , <b>1989</b> , 264, 643-9	3.8	13
1086	Monoclonal antibodies for specific immunoperoxidase detection of <i>Campylobacter pylori</i> . <b>1989</b> , 96, 414-20		38
1085	Purification, properties, and developmental changes of cellular retinol-binding protein, type II, in chicken intestine. <b>1989</b> , 35, 545-57		19
1084	Rat small intestinal laminin-binding proteins. <b>1990</b> , 46 Suppl 2, 22-30		6
1083	Purification and characterization of an aminopeptidase from sperm of the sea urchin, <i>Strongylocentrotus intermedius</i> . Ca <sup>2+</sup> (+)-dependent substrate specificity as a novel feature of the enzyme. <b>1990</b> , 107, 273-9		12
1082	Improvement and Experimental Validation of Protein Impurity Immunoassays for Recombinant DNA Products. <b>1990</b> , 127-140		2
1081	Recombinant human bone morphogenetic protein induces bone formation. <b>1990</b> , 87, 2220-4		1299
1080	Biochemical characterization of the <i>Drosophila</i> dpp protein, a member of the transforming growth factor beta family of growth factors. <b>1990</b> , 10, 2669-77		72
1079	Effect of plasma on composition of human enamel and cementum pellicle. <b>1990</b> , 98, 461-71		2
1078	Purification and spectral characterization of a 121-kilodalton phytochrome from etiolated pea ( <i>Pisum sativum</i> L.) seedlings. <b>1990</b> ,		
1077	Multiple Forms of Acid Phosphatase in Cotyledons of <i>Vigna mungo</i> Seedlings: Immunological Detection and Quantitation. <b>1990</b> ,		
1076	Chromatographic Purification and Determination of the Carboxy-Terminal Sequences of Photosystem II Reaction Center Proteins, D1 and D2. <b>1990</b> ,		0
1075	Isolation of bovine type X collagen and immunolocalization in growth-plate cartilage. <i>Biochemical Journal</i> , <b>1990</b> , 265, 453-9	3.8	49
1074	Macromolecular association of ADP-ribosyltransferase and its correlation with enzymic activity. <i>Biochemical Journal</i> , <b>1990</b> , 270, 17-26	3.8	75
1073	Quantitation of myosin light chain phosphorylation in intact smooth muscle. <b>1990</b> , 52, 457-69		2

1072	Ribosomal RNA terminal maturase: ribonuclease M5 from <i>Bacillus subtilis</i> . <b>1990</b> , 181, 366-74	6
1071	Characterization and purification of bile salt hydrolase from <i>Lactobacillus</i> sp. strain 100-100. <b>1990</b> , 172, 4171-7	69
1070	References. <b>1990</b> , 375-394	1
1069	Complete purification and characterization of alpha-3-N-acetylgalactosaminyltransferase encoded by the human blood group A gene. <b>1990</b> , 107, 360-8	19
1068	Two Monoclonal Antibodies Recognizing Carbohydrate Epitopes on Neural Adhesion Molecules Interfere with Cell Interactions. <b>1990</b> , 2, 153-161	44
1067	Two-Dimensional Gel Electrophoretic Analysis of the Cerebella from Neuro-Pathologically-Mutant Weaver, Nervous and Staggerer Mice <sup>1</sup> . <b>1990</b> , 32, 223-232	
1066	Comparison of the soluble and membrane-bound forms of the puromycin-sensitive enkephalin-degrading aminopeptidases from rat. <b>1990</b> , 54, 547-54	56
1065	Immunological evidence for a ribulose bisphosphate carboxylase-like protein in the symbiotic dinoflagellate <i>Symbiodinium</i> sp.. <b>1990</b> , 70, 343-346	
1064	Purification and characterization of hementin, a fibrinogenolytic protease from the leech <i>Haementeria ghilianii</i> . <b>1990</b> , 502, 359-69	11
1063	Characterization of myosin isoforms in satellite cell cultures from adult rat diaphragm, soleus and tibialis anterior muscles. <b>1990</b> , 45, 185-91	46
1062	A 165 kDa membrane antigen mediating fibronectin-vinculin interaction is involved in murine odontoblast differentiation. <b>1990</b> , 44, 25-35	29
1061	Effects of electrically induced contractile activity on cultured embryonic chick breast muscle cells. <b>1990</b> , 44, 178-84	33
1060	The proline-activating activity of the multienzyme gramicidin S synthetase 2 can be recovered on a 115-kDa tryptic fragment. <b>1990</b> , 187, 627-33	24
1059	Characterization of a soluble form of human CD4. Peptide analyses confirm the expected amino acid sequence, identify glycosylation sites and demonstrate the presence of three disulfide bonds. <b>1990</b> , 188, 291-300	35
1058	Functional and structural analysis of photosystem II core complexes from spinach with high oxygen evolution capacity. <b>1990</b> , 189, 47-53	103
1057	On the domain construction of the multienzyme gramicidin S synthetase 2. Isolation of domains activating valine and leucine. <b>1990</b> , 189, 517-22	20
1056	Primary structure of human placental 5'-nucleotidase and identification of the glycolipid anchor in the mature form. <b>1990</b> , 191, 563-9	115
1055	Miniature electrophoresis for speed and productivity. <i>Applied Biochemistry and Biotechnology</i> , <b>1990</b> , 23, 81-90	3.2 4

1054	Biochemical and immunological comparison of bovine butyrophilin with a butyrophilin-like glycoprotein in guinea pig milk-fat-globule membrane. <b>1990</b> , 159, 168-178		14
1053	Binding of (chloroethyl 3H) cyclophosphamide to rat embryo proteins: two-dimensional gel analysis. <b>1990</b> , 41, 195-204		5
1052	Phosphorylated and dephosphorylated myosin light chains of Drosophila fly and larva. <b>1990</b> , 95, 171-7		14
1051	Comparison of egg and embryo proteins and a trial to detect proteolytic activities in eggs of Bombyx mori. <b>1990</b> , 96, 253-256		
1050	Protection from lethal coronavirus infection by affinity-purified spike glycoprotein of murine hepatitis virus, strain A59. <b>1990</b> , 174, 87-94		40
1049	The VPg of tobacco etch virus RNA is the 49-kDa proteinase or the N-terminal 24-kDa part of the proteinase. <b>1990</b> , 178, 285-8		102
1048	Affinity of fibroblast growth factors for beta-cyclodextrin tetradecasulfate. <i>Analytical Biochemistry</i> , <b>1990</b> , 185, 108-11	3.1	36
1047	Dihydrodipicolinate synthase of nicotiana glauca, a chloroplast-localized enzyme of the lysine pathway. <b>1990</b> , 180, 480-6		52
1046	Calf thymus ribonuclease H IIa activity lacks ribonuclease H specificity. <b>1990</b> , 46, 319-21		5
1045	Mechanism of imipenem resistance acquired by three Pseudomonas aeruginosa strains during imipenem therapy. <b>1990</b> , 9, 580-7		24
1044	Two-dimensional gel analysis of polypeptides from normal, preneoplastic and neoplastic mouse mammary tissues. <b>1990</b> , 30, 367-73		
1043	A K2 neutral Saccharomyces cerevisiae strain contains a variant K2 M genome. <b>1990</b> , 6, 159-69		8
1042	The contribution from the choroid plexus and the periventricular CNS to amino acids and proteins in the human CSF. <b>1990</b> , 15, 307-12		20
1041	Analysis of the haemolysin secretion system by PhoA-HlyA fusion proteins. <b>1990</b> , 224, 201-8		66
1040	Establishment of stable mouse/human-human hybrid cell lines producing large amounts of anti-tetanus human monoclonal antibodies with high neutralizing activity. <b>1990</b> , 6, 386-97		27
1039	Phenol-induced membrane changes in free and immobilized Escherichia coli. <b>1990</b> , 33, 66-71		93
1038	Early-onset primary osteoarthritis and mild chondrodysplasia. Radiographic and pathologic studies with an analysis of cartilage proteoglycans. <b>1990</b> , 33, 674-84		25
1037	A procedure for the extraction and high resolution two-dimensional gel electrophoresis of total nuclear phosphoproteins from isotonicity purified nuclei. <b>1990</b> , 11, 162-6		6



1036	Mechanisms of protein silver staining in polyacrylamide gels: a 10-year synthesis. <b>1990</b> , 11, 785-94	166
1035	Multidirectional differentiation in a newly established human epithelioid sarcoma cell line (GRU-1) with co-expression of vimentin, cytokeratins and neurofilament proteins. <b>1990</b> , 45, 143-52	25
1034	Development and evaluation of the TD97 measles virus vaccine. <b>1990</b> , 32, 194-201	7
1033	Method for isolation of kappa-opioid binding sites by dynorphin affinity chromatography. <b>1990</b> , 25, 549-55	19
1032	Recombinant peripheral myelin protein P0 confers both adhesion and neurite outgrowth-promoting properties. <b>1990</b> , 27, 286-97	123
1031	Purification and characterization of a novel phospholipid transfer protein from filamentous fungi. <b>1990</b> , 22, 93-8	8
1030	Structural properties of the cAMP-dependent protein kinase associated with rat synaptic plasma membranes--I. Configuration in situ and membrane association-derived influences on [3H]cAMP binding. <b>1990</b> , 22, 295-301	3
1029	Purification of soluble cytokine receptors from normal human urine by ligand-affinity and immunoaffinity chromatography. <b>1990</b> , 510, 331-7	61
1028	The cAMP-dependent protein kinase in sea urchin sperm tails: association of the enzyme with the flagellar axonemes. <b>1990</b> , 108, 1-3	8
1027	Oligomerization of the bacteriophage lambda S protein in the inner membrane of Escherichia coli. <b>1990</b> , 172, 912-21	60
1026	Phosphorylated and dephosphorylated types of non-activated glucocorticoid receptor. <b>1990</b> , 108, 271-7	6
1025	Quantitation of Myosin Light Chain Phosphorylation in Intact Smooth Muscle. <b>1990</b> , 52, 457-470	1
1024	Mutagenesis of Bordetella pertussis with transposon Tn5tac1: conditional expression of virulence-associated genes. <b>1990</b> , 172, 1681-7	18
1023	Studies on Plastid-Nuclei (Nucleoids) in Nicotiana tabacum L. III. Isolation of Chloroplast-Nuclei from Mesophyll Protoplasts and Identification of Chloroplast DNA-Binding Proteins. <b>1990</b> ,	
1022	Anti-RMA, a murine monoclonal antibody, activates rat macrophages: II. Induction of DNA synthesis and formation of multinucleated giant cells. <b>1990</b> , 3, 103-11	10
1021	Effect of vitamin A deficiency on the in vitro transfer of mannose and N-acetylglucosamine in rat liver nuclei. <b>1990</b> , 7 Suppl 1, S162-7	
1020	Immunoaffinity purification and characterization of the envelope protein E1 of hog cholera virus. <b>1990</b> , 71 ( Pt 3), 531-40	59
1019	A second tumor necrosis factor receptor gene product can shed a naturally occurring tumor necrosis factor inhibitor. <b>1990</b> , 87, 8331-5	250

1018	Phosphorylation of Plant H2A Histones. <b>1990</b> , 93, 1241-5	21
1017	GAP-43 in the cat visual cortex during postnatal development. <b>1990</b> , 4, 585-93	23
1016	Purification and properties of dipeptidyl peptidase IV from human urine. <b>1990</b> , 371, 325-30	12
1015	The location of inhibitory specificities in human mucus proteinase inhibitor (MPI): separate expression of the COOH-terminal domain yields an active inhibitor of three different proteinases. <b>1990</b> , 3, 215-20	14
1014	Tubulin is phosphorylated at tyrosine by pp60c-src in nerve growth cone membranes. <b>1990</b> , 111, 1959-70	126
1013	Potassium stimulation of corn root plasmalemma ATPase : I. Hydrolytic activity of native vesicles and purified enzyme. <b>1990</b> , 93, 1175-82	29
1012	Purification and characterization of an extracellular proteinase from <i>Brevibacterium linens</i> . <b>1990</b> , 36, 510-512	21
1011	Characterization of the biochemical properties of recombinant ribonuclease III. <b>1990</b> , 18, 3293-8	29
1010	Irreversible changes occur in chromatin structure upon dissociation of histone H1. <b>1990</b> , 8, 439-58	3
1009	Myosin phosphorylation, twitch potentiation, and fatigue in human skeletal muscle. <b>1990</b> , 68, 908-13	49
1008	DNA helicase and nucleoside-5'-triphosphatase activities of polyoma virus large tumor antigen. <b>1990</b> , 29, 1003-9	44
1007	Electrophoretic separation and immunological identification of type 2X myosin heavy chain in rat skeletal muscle. <b>1990</b> , 1035, 109-12	81
1006	Purification of the NADPH:5 alpha-dihydroprogesterone 3 alpha-hydroxysteroid oxidoreductase from female rat pituitary cytosol. <b>1990</b> , 37, 215-22	11
1005	Quantitative assessment by competitive ELISA of fibronectin (Fn) in tendons and ligaments. <b>1989</b> , 9, 421-7	17
1004	Phosphoenolpyruvate Carboxylase in <i>Sedum rupestre</i> (Crassulaceae): Drought-enhanced Expression and Purification. <b>1990</b> , 136, 155-160	13
1003	A Two-dimensional Electrophoretic Analysis of Protein Synthesis and Accumulation during Adventitious Shoot Formation in Somatic Tissue Cultures of <i>Solanum carolinense</i> L.. <b>1990</b> , 136, 213-218	8
1002	Approaches to lipid and lipoprotein analysis. <b>1990</b> , 4, 693-717	2
1001	Purification of 5 beta-reductase from hepatic cytosol fraction of chicken. <b>1990</b> , 37, 717-24	7

1000	Immunological evidence for a ribulose biphosphate carboxylase-like protein in the symbiotic dinoflagellate sp.. <b>1990</b> , 70, 343-346	
999	Development of technology for linking photosensitizers to a model monoclonal antibody. <b>1990</b> , 134, 139-49	72
998	Immunological measurement of human 17 beta-hydroxysteroid dehydrogenase. <b>1990</b> , 36, 673-80	33
997	Class II ribonuclease H comigrates with, but is distinct from, the third largest subunit of calf thymus RNA polymerase I. <b>1990</b> , 1087, 31-8	2
996	IMP dehydrogenase and action of antimetabolites in human cultured blast cells. <b>1990</b> , 1051, 209-14	8
995	Mechanism for the variations in electrophoretic mobility of glutamine synthetase from <i>Phaseolus vulgaris</i> root nodules. <b>1990</b> , 72, 199-206	2
994	Gene products encoded by cymbidium mosaic virus RNA: proteins translated in vitro. <b>1990</b> , 72, 141-147	5
993	Alpha-factor leader-directed secretion of heterologous proteins from yeast. <b>1990</b> , 185, 408-21	46
992	Characterization and nucleosomal core localization of <i>Achlya</i> histones involved in stress-induced chromatin condensation. <b>1990</b> , 187, 16-24	5
991	A specific protein, p92, detected in flat revertants derived from NIH/3T3 transformed by human activated c-Ha-ras oncogene. <b>1990</b> , 186, 115-21	22
990	Expression of spasmodysin (FIM-A.1): an integumentary mucin from <i>Xenopus laevis</i> . <b>1990</b> , 189, 157-62	34
989	<i>Trichinella spiralis</i> : secreted antigen of the infective L1 larva localizes to the cytoplasm and nucleoplasm of infected host cells. <b>1990</b> , 71, 27-38	71
988	Characterization of aminopeptidases in human kidney soluble fraction. <b>1990</b> , 187, 105-13	38
987	Isolation of a protein with cytokinin-receptor properties by means of anti-idiotypic antibodies. <b>1990</b> , 261, 410-412	22
986	Inactivation of thioredoxin by sulfite ions. <b>1990</b> , 268, 146-8	31
985	D1-D2 complex of the photosystem II reaction center from spinach. Isolation and partial characterization. <b>1990</b> , 273, 257-60	54
984	Electrophoretic separation by an improved method of fast myosin HClIb-, HClId-, and HClIa-based isomyosins with specific alkali light chain combinations. <b>1990</b> , 275, 165-7	7
983	Biotinidase in the porcine cerebrum. <b>1990</b> , 278, 381-5	13

982	Purification and characterization of mouse liver xanthine oxidase. <b>1990</b> , 279, 237-41	25
981	Novel allosteric sites on human erythrocyte acetylcholinesterase identified by two monoclonal antibodies. <b>1990</b> , 277, 361-7	18
980	Purification and partial characterization of branched-chain alpha-ketoacid dehydrogenase kinase from rat liver and rat heart. <b>1990</b> , 283, 293-9	76
979	Isolation and properties of the membrane-integrated part of the ATP-synthase from chloroplasts, CF0. <b>1990</b> , 1017, 177-180	8
978	Purification of a glycoprotein excreted by <i>Trypanosoma cruzi</i> to increase the permeability of the host-cell membrane. <b>1990</b> , 166, 736-42	5
977	Purification and identification of a growth factor produced by <i>Paramecium tetraurelia</i> . <b>1990</b> , 170, 786-92	22
976	Procollagen type I C-proteinase enhancer is a naturally occurring connective tissue glycoprotein. <b>1990</b> , 173, 81-6	39
975	Oligodendrocyte-derived J1-160/180 extracellular matrix glycoproteins are adhesive or repulsive depending on the partner cell type and time of interaction. <b>1990</b> , 109, 98-110	75
974	Purification of human liver fumarylacetoacetase using immunoaffinity chromatography. <b>1990</b> , 20, 317-24	2
973	Topological analysis of components of the cytochrome b6f complex by chemical crosslinking. <b>1991</b> , 1057, 64-68	3
972	Promyelocytic leukemia cell line, HL-60, produces human hepatocyte growth factor. <b>1991</b> , 181, 323-30	37
971	Transfer of silver-stained proteins from polyacrylamide gels to polyvinylidene difluoride membranes. <b>1991</b> , 22, 223-31	23
970	Two-dimensional gel electrophoresis of the membrane-bound protein complexes, including photosystem I, of thylakoid membranes in the presence of sodium oligoxyethylene alkyl ether sulfate/dimethyl dodecylamine oxide and sodium dodecyl sulfate. <b>1991</b> , 22, 253-60	11
969	Aminoguanidine decreases urinary albumin and high-molecular-weight proteins in diabetic rats. <b>1991</b> , 49, 889-97	27
968	Comparisons of soluble proteins and isozymes for seven <i>Pythium</i> species and applications of the biochemical data to <i>Pythium</i> systematics. <b>1991</b> , 95, 548-555	24
967	Tetrameric native structure of the peridinin-chlorophyll a-binding protein from <i>Symbiodinium</i> Sp.. <b>1991</b> , 137, 285-290	5
966	A heparin-binding growth factor secreted by macrophage-like cells that is related to EGF. <b>1991</b> , 251, 936-9	1033
965	Stamen-specific proteins of buffelgrass ( <i>Cenchrus ciliaris</i> ). <b>1991</b> , 137, 437-440	1

964	Inhibition of gastric mucosal laminin receptor by <i>Helicobacter pylori</i> lipopolysaccharide: effect of nitecapone. <b>1991</b> , 22, 1063-9	21
963	Fibronectin in healing flexor tendons subjected to immobilization or early controlled passive motion. <b>1991</b> , 11, 184-9	35
962	Extracellular lipase of <i>Pseudomonas aeruginosa</i> : biochemical characterization and effect on human neutrophil and monocyte function in vitro. <b>1991</b> , 10, 173-82	19
961	Transmission of viral persistence by transfection of human cultured cells with RNA of a persistent strain of echovirus 6. <b>1991</b> , 11, 57-65	6
960	Monoclonal antibodies to the soluble human IL-6 receptor: affinity purification, ELISA, and inhibition of ligand binding. <b>1991</b> , 10, 137-46	35
959	A novel monoclonal antibody directed against the heat-inducible 68 kDa heat shock protein. <b>1991</b> , 10, 721-30	10
958	Disruption and mutagenesis of the <i>Saccharomyces cerevisiae</i> PDX1 gene encoding the protein X component of the pyruvate dehydrogenase complex. <b>1991</b> , 30, 2834-9	73
957	Limited proteolysis of tyrosine hydroxylase by Ca <sup>2+</sup> -activated neutral protease (calpain). <b>1991</b> , 30, 10416-9	15
956	Mg <sup>2+</sup> , Asp <sup>-</sup> , and Glu <sup>-</sup> -effects in the processive and distributive DNA relaxation catalyzed by a eukaryotic topoisomerase. <b>1991</b> , 30, 9940-7	16
955	Selective proteolytic cleavage of recombinant human interleukin 4. Evidence for a critical role of the C-terminus. <b>1991</b> , 30, 9576-82	20
954	A modified method to purify patatin from potato tubers. <b>1991</b> , 39, 1411-1415	20
953	Correlation between the "low"-salt-induced increase in the F730/F685 fluorescence emission ratio at 77 K in isolated chloroplasts, and the organization of chlorophyll in photosystem I pigment-protein complexes of thylakoids. <b>1991</b> , 286, 524-32	6
952	ATP-dependent DNA aggregation is a novel function of rat serum albumin. <b>1991</b> , 287, 367-71	2
951	Processing enzyme specificity is a consequence of pro-hormone precursor protein conformation. <b>1991</b> , 290, 418-26	16
950	The effect of ligand binding on the proteolytic pattern of methylmalonate semialdehyde dehydrogenase. <b>1991</b> , 290, 21-6	4
949	Inhibition of bovine gingival laminin receptor by bacterial lipopolysaccharide. <b>1991</b> , 36, 341-6	1
948	Oxytocin contracts rat uterine smooth muscle in Ca <sup>2+</sup> -free medium without any phosphorylation of myosin light chain. <b>1991</b> , 176, 122-8	40
947	A 60-kDa phosphorylated protein from fetal human bone. <b>1991</b> , 174, 439-45	

946	Inhibition of gastric mucosal laminin receptor by <i>Helicobacter pylori</i> lipopolysaccharide. <b>1991</b> , 175, 963-70	25
945	Isolation of hsp70-binding proteins from bovine muscle. <b>1991</b> , 178, 1-7	25
944	Purification of rabbit and human serum paraoxonase. <b>1991</b> , 30, 10133-40	120
943	Purification and functional characterization of the human beta 2-adrenergic receptor produced in baculovirus-infected insect cells. <b>1991</b> , 282, 441-4	48
942	Identity and substrate specificity of human erythrocyte membrane-bound and cytosolic casein kinases. <b>1991</b> , 292, 141-4	4
941	Purification of <i>Gnathostoma spinigerum</i> specific antigen and immunodiagnosis of human gnathostomiasis. <b>1991</b> , 21, 677-87	49
940	Patterns of protein synthesis in various cells after extreme heat shock. <b>1991</b> , 193, 219-22	6
939	<i>Trichinella spiralis</i> : light microscope monoclonal antibody localization and immunochemical characterization of phosphorylcholine and other antigens in the muscle larva. <b>1991</b> , 73, 172-83	15
938	Characterization of dipeptidyl and tripeptidyl aminopeptidases in human kidney soluble fraction. <b>1991</b> , 196, 135-42	30
937	Purification and characterization of leucyl aminopeptidase and pyroglutamyl aminopeptidase from human skeletal muscle. <b>1991</b> , 197, 35-45	37
936	Emergence of the mature myosin phenotype in the rat diaphragm muscle. <b>1991</b> , 144, 1-15	85
935	Immunoaffinity purification and dose-response of cholinergic neuronal differentiation factor. <b>1991</b> , 62, 203-14	6
934	Transcriptional repression by YY1, a human GLI-Krüppel-related protein, and relief of repression by adenovirus E1A protein. <b>1991</b> , 67, 377-88	914
933	Detection of a staphylococcal endo-N-acetylglucosaminidase using polyacrylamide gels. <b>1991</b> , 13, 11-16	10
932	<i>Machaerocereus eruca cactus</i> isolectins. Purification and characterization. <b>1991</b> , 77, 11-19	8
931	C-reactive protein inhibits binding of platelet-activating factor to human platelets. <b>1991</b> , 61, 411-21	20
930	Actin in <i>Allomyces arbuscula</i> . <b>1991</b> , 95, 499-501	2
929	<i>Escherichia coli</i> CS31A fimbriae: molecular cloning, expression and homology with the K88 determinant. <b>1991</b> , 10, 429-42	22

928	Chlorsulfon effects on protein synthesis and accumulation in cultured root tips of <i>Pisum sativum</i> L.. <b>1991</b> , 137, 337-341	9
927	Purification and comparative study of the kinases specific for branched chain alpha-ketoacid dehydrogenase and pyruvate dehydrogenase. <b>1991</b> , 2, 278-86	41
926	Differences between the Surface Properties of the PR and PFR Forms of Native Pea Phytochrome, and Their Application to a Simplified Procedure for Purification of the Phytochrome. <b>1991</b> ,	
925	Relationship between the Stability of Antenna Chl Binding Proteins CP43/47 and the Accumulation of the Extrinsic 30-kDa Protein in PS II in <i>Euglena</i> . <b>1991</b> ,	
924	Comparative total protein and demographic patterns of mictic and amictic female rotifers. <b>1991</b> , 24, 2754-2759	1
923	Purification and Characterization of Hepatocyte Growth Factor from Injured Liver of Carbon Tetrachloride-Treated Rats <sup>1</sup> . <b>1991</b> ,	
922	Detection of Polypeptides Involved in Early Stages of Nodulation in Soybean Roots. <b>1991</b> ,	
921	Characterization of a lung cancer-associated human monoclonal antibody HB4C5. <b>1991</b> , 2, 116-123	5
920	Determination of the native subunit pattern of gizzard tropomyosin using antibodies specific to each subunit. <b>1991</b> , 109, 758-62	3
919	Reconstitution of isolated Ca <sup>2+</sup> -activated K <sup>+</sup> channel proteins from basolateral membranes of rabbit colonocytes. <b>1991</b> , 261, C713-7	10
918	Biaffinity chromatography of fibroblast growth factors. <b>1991</b> , 198, 91-5	11
917	Identification of perilymph proteins by two-dimensional gel electrophoresis. <b>1991</b> , 104, 517-25	15
916	Localization of the <i>Mycoplasma pneumoniae</i> cytoadherence-accessory proteins HMW1 and HMW4 in the cytoskeletonlike Triton shell. <b>1991</b> , 173, 1041-50	66
915	Killing of gram-negative bacteria by lactoferrin and lysozyme. <b>1991</b> , 88, 1080-91	502
914	Multi-functional property of rat liver mitochondrial cytochrome P-450. <b>1991</b> , 109, 389-93	34
913	The role of troponin C in the length dependence of Ca <sup>2+</sup> -sensitive force of mammalian skeletal and cardiac muscles. <b>1991</b> , 441, 305-24	54
912	The Ca-channel as cardiac autoantigen. <b>1991</b> , 12 Suppl D, 99-104	24
911	Design of Protein-Producing Bioreactors for Self-Assembling Systems.. <b>1991</b> , 255, 435	2

910	Purification of a serine-proteinase inhibitor from human articular cartilage. Identity with the acid-stable proteinase inhibitor of mucous secretions. <i>Biochemical Journal</i> , <b>1991</b> , 274 ( Pt 1), 269-73	3.8	25
909	A large accumulation of non-muscle myosin occurs at first entry into M phase in rat vascular smooth-muscle cells. <i>Biochemical Journal</i> , <b>1991</b> , 277 ( Pt 1), 145-51	3.8	46
908	Purification and characterization of an extracellular $\beta$ -glucosidase from the rumen fungus <i>Neocallimastix frontalis</i> EB188. <b>1991</b> , 13, 622-628		28
907	Chromatographic and electrophoretic studies of circulating immune complexes in plasma. <b>1991</b> , 566, 77-87		4
906	Staining and quantification of proteins separated by polyacrylamide gel electrophoresis. <b>1991</b> , 569, 175-96		58
905	Analysis of cerebrospinal fluid proteins by electrophoresis. <b>1991</b> , 569, 281-96		5
904	Versatile modular microelectrophoresis system and the simultaneous preparation of large numbers of polyacrylamide gels. <b>1991</b> , 563, 184-7		3
903	Polymerase-related polypeptides associated with woodchuck hepatitis core antigen (WHcAg) particles. <b>1991</b> , 180, 430-3		5
902	Kinetic study of a cellobiase purified from <i>Neocallimastix frontalis</i> EB188. <b>1991</b> , 1080, 148-54		11
901	Comparison of soluble proteins in juice and wine from Koshu grapes. <b>1991</b> , 71, 248-253		29
900	Acid proteinases of the fore-gut in metamorphosing tadpoles of <i>Rana catesbeiana</i> . <b>1991</b> , 99, 653-62		4
899	Human hepatocyte growth factor in blood of patients with fulminant hepatic failure. Basic aspects. <b>1991</b> , 36, 785-90		14
898	Skeletal muscle proteins stimulate cholinergic differentiation of human neuroblastoma cells. <b>1991</b> , 57, 258-66		17
897	Divalent Cations Modulate the Inhibitory Substrate Properties of Murine Glia-derived J1-160 and J1-180 Extracellular Matrix Glycoproteins for Neuronal Adhesion. <b>1991</b> , 3, 356-365		24
896	Characterization of ATPase activities in rice root plasmalemma vesicles isolated by two-phase partitioning. <b>1991</b> , 83, 75-82		9
895	Alanine aminotransferase in <i>Leptosphaeria michotii</i> . Isolation, properties and cyclic variations of its activity in relation to polypeptide level. <b>1991</b> , 82, 401-408		4
894	Characterization of a polygalacturonase gene of <i>Aspergillus niger</i> RH5344. <b>1991</b> , 5, 1353-61		26
893	Binding of basement-membrane laminin by <i>Escherichia coli</i> . <b>1991</b> , 5, 2133-41		22



892	Purification of the protein X of <i>Streptococcus agalactiae</i> with a monoclonal antibody. <b>1991</b> , 80, 141-145		4
891	Clonal relationships among <i>Escherichia coli</i> serogroup O6 isolates from human and animal infections. <b>1991</b> , 80, 225-230		24
890	Biochemical and Molecular Tools for the Differentiation of Aggressive and Non-Aggressive Isolates of the Oilseed Rape Pathogen, <i>Phoma lingam</i> . <b>1991</b> , 131, 120-136		40
889	Myosin heavy-chain-based isomyosins in developing, adult fast-twitch and slow-twitch muscles. <b>1991</b> , 195, 577-84		31
888	Isolation of human type X collagen and immunolocalization in fetal human cartilage. <b>1991</b> , 196, 575-80		76
887	Binding of alpha- and beta gamma-subunits of G <sub>o</sub> to beta 1-adrenoceptor in sealed unilamellar lipid vesicles. <b>1991</b> , 197, 167-76		23
886	Isolation, purification and partial characterization of a 30-kDa chlorophyll-a/b-binding protein from spinach. <b>1991</b> , 201, 515-22		20
885	Eosin Y staining of proteins in polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1991</b> , 196, 279-83	3.1	18
884	Identification of laminin receptor in gingival tissue and its interaction with tooth cementum laminin. <b>1991</b> , 23, 115-21		15
883	Demonstration of a phospholipase A2 inhibitor in human plasma and in plasma from the European hedgehog ( <i>Erinaceus europaeus</i> ). <b>1991</b> , 23, 287-92		6
882	IgG is associated with the asialoglycoprotein receptor in the human liver. <b>1991</b> , 14, 1070-1075		13
881	Application of silver staining to the rapid typing of the polymorphism of HLA-DQ alleles by enzymatic amplification and allele-specific restriction fragment length polymorphism. <b>1991</b> , 12, 270-3		12
880	Barley cultivar discrimination: II. Sodium dodecyl sulfate-polyacrylamide gel electrophoresis and isoelectric focusing with immobilized pH gradients. <b>1991</b> , 12, 330-7		26
879	Paper symposium: Biomedical applications of two-dimensional gel electrophoresis. <b>1991</b> , 12, 461-604		37
878	Analysis of circulating immune complexes isolated from plasma, cerebrospinal fluid and urine. <b>1991</b> , 12, 478-86		9
877	Purification of an autoantigenic 75-kDa human melanosomal glycoprotein. <b>1991</b> , 47, 298-303		46
876	Heterogeneity of purified actin in the electric organ of the electric eel <i>Electrophorus electricus</i> . <b>1991</b> , 257, 43-50		8
875	Uniform myosin isoforms in the flight muscles for little brown bats, <i>Myotis lucifugus</i> . <b>1991</b> , 259, 174-80		10

874	A method for quantifying radioactivity associated with protein in silver-stained polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>1991</b> , 195, 172-6	3.1	11
873	Absence of erythrocyte arginase protein in Japanese patients with hyperargininemia. <b>1991</b> , 150, 800-3		2
872	Polypeptide profiles from cotyledons of developing and photoperiodically induced seedlings of the Japanese morning glory ( <i>Pharbitis [ipomoea] nil</i> ). <b>1991</b> , 10, 147-155		5
871	Genetic control and expression of the major ejaculatory bulb protein (PEB-me) in <i>Drosophila melanogaster</i> . <b>1991</b> , 29, 215-39		27
870	Calcium transport sensitive to ruthenium red in cytochrome oxidase vesicles reconstituted with mitochondrial proteins. <b>1991</b> , 23, 889-902		11
869	Exogenous gangliosides may affect methylation mechanisms in neuronal cell cultures. <b>1991</b> , 16, 137-44		
868	A novel cholesterol transfer protein in cardiac sarcolemma. Purification and initial characterization. <i>Molecular and Cellular Biochemistry</i> , <b>1991</b> , 100, 51-9	4.2	1
867	Biochemical differences between carrot inbreds differing in plant regeneration potential. <b>1991</b> , 10, 152-5		15
866	Relation of the developmental stage of zygotic embryos of yellow-poplar to their somatic embryogenic potential. <b>1991</b> , 10, 175-8		25
865	Changes of carp myosin subfragment-1 induced by temperature acclimation. <b>1991</b> , 161, 141		19
864	Correlation between myofibrillar ATPase activity and myosin heavy chain composition in single human muscle fibers. <b>1991</b> , 96, 21-4		109
863	Nitrogen assimilation and partitioning in two nitrogen-fixing cultivars of <i>Phaseolus vulgaris</i> L.. <b>1991</b> , 132, 139-148		5
862	Evidence for an association of the early light-inducible protein (ELIP) of pea with photosystem II. <b>1991</b> , 16, 209-23		60
861	Isolation of transcripts preferentially expressed during fruit body primordia differentiation in the basidiomycete <i>Agrocybe aegerita</i> . <b>1991</b> , 20, 205-10		24
860	Yeast cell cycle protein CDC48p shows full-length homology to the mammalian protein VCP and is a member of a protein family involved in secretion, peroxisome formation, and gene expression. <b>1991</b> , 114, 443-53		277
859	Ion-specific and general ionic effects on contraction of skinned fast-twitch skeletal muscle from the rabbit. <b>1991</b> , 98, 1105-25		53
858	Partial purification and characterization of a Ca(2+)-dependent protein kinase from pea nuclei. <b>1991</b> , 96, 720-7		46
857	Microbial footprints: A new approach to adhesive polymers. <b>1991</b> , 3, 101-112		84

856	Iron sources for <i>Haemophilus ducreyi</i> . <b>1991</b> , 34, 317-22	36
855	High-resolution electrophoretic purification and structural microanalysis of peptides and proteins. <b>1991</b> , 36, 279-338	1
854	Neurite outgrowth on immobilized axonin-1 is mediated by a heterophilic interaction with L1(G4). <b>1991</b> , 115, 1113-26	256
853	Fast-Atom Bombardment Mass Spectrometry Coupled to Planar Gel Electrophoresis. <b>1991</b> , 24, 1275-1286	2
852	Biochemical characterization of murine glycosylation-inhibiting factor. <b>1991</b> , 88, 9117-21	10
851	Establishment of an enzyme-linked immuno-sorbent assay for urinary trypsin inhibitor by using a monoclonal antibody. <b>1991</b> , 12, 347-69	8
850	Purification and properties of an acid endo-1,4-beta-glucanase from <i>Bacillus</i> sp. KSM-330. <b>1991</b> , 137, 41-8	35
849	delta 4-3-Oxosteroid 5 beta-reductase. Structure and function. <b>1991</b> , 372, 1039-49	15
848	Expression of ventricular myosin subunits in the atria of children with congenital heart malformations. <b>1991</b> , 69, 1601-7	10
847	Isolation and identification of a putative porcine transferrin receptor from <i>Actinobacillus pleuropneumoniae</i> biotype 1. <b>1991</b> , 137, 2733-40	17
846	NCAM polysialic acid can regulate both cell-cell and cell-substrate interactions. <b>1991</b> , 114, 143-53	289
845	Resistance to pefloxacin in <i>Pseudomonas aeruginosa</i> . <b>1991</b> , 35, 512-8	21
844	Role of protein D2 and lipopolysaccharide in diffusion of quinolones through the outer membrane of <i>Pseudomonas aeruginosa</i> . <b>1991</b> , 35, 2091-7	35
843	Myosin heavy chain expression in respiratory muscles of the rat. <b>1992</b> , 6, 335-9	21
842	Altered chromatin structure of cerebral nuclei in experimental diabetes mellitus. <b>1992</b> , 199, 282-6	6
841	Homology of the 74-kD cytoplasmic dynein subunit with a flagellar dynein polypeptide suggests an intracellular targeting function. <b>1992</b> , 118, 1133-43	114
840	Proton Transport Activity of the Purified Vacuolar H-ATPase from Oats : Direct Stimulation by Cl. <b>1992</b> , 99, 925-31	49
839	Isolation of haemin-binding proteins of <i>Neisseria gonorrhoeae</i> . <b>1992</b> , 36, 121-7	40

838	Increased Activity of a Cationic Peroxidase Associated with an Incompatible Interaction Between <i>Xanthomonas oryzae</i> pv <i>oryzae</i> and Rice ( <i>Oryza sativa</i> ). <b>1992</b> , 99, 1044-50	94
837	Identification of an outer-membrane haemoglobin-binding protein in <i>Neisseria meningitidis</i> . <b>1992</b> , 138, 2647-56	33
836	Characterization of bacteriophage BFK20 from <i>Brevibacterium flavum</i> . <b>1992</b> , 138, 1387-91	20
835	Purification and characterization of a casein kinase 2-type protein kinase from pea nuclei. <b>1992</b> , 99, 686-92	29
834	Specific binding of influenza A virus NS1 protein to the virus minus-sense RNA in vitro. <b>1992</b> , 73 ( Pt 1), 17-25	52
833	New developments in protein isolation, purification, and characterization. <b>1992</b> , 10, 71-84	
832	Alteration of gene expression in tomato plants ( <i>Lycopersicon esculentum</i> ) by drought and salt stress. <b>1992</b> , 35, 385-391	21
831	Potato Tuber UDP-Glucose:Protein Transglucosylase Catalyzes Its Own Glucosylation. <b>1992</b> , 99, 1342-7	29
830	Purification and Characterization of NADP-Specific Isocitrate Dehydrogenase from Ammonia-oxidizing Chemoautotrophic <i>Nitrosomonas europaea</i> ATCC 25978.. <b>1992</b> , 7, 19-26	6
829	Expression of a cardiac Ca(2+)-release channel isoform in mammalian brain. <i>Biochemical Journal</i> , <b>1992</b> , 288 ( Pt 2), 553-64	3.8 87
828	Characterization of polysomes and polysomal mRNAs by sucrose density gradient centrifugation followed by immobilization in polyacrylamide gel matrix. <b>1992</b> , 216, 168-79	2
827	Purification and Some Properties of an Alkaline Pullulanase from Alkalophilic <i>Bacillus</i> sp. KSM-1876. <b>1992</b> , 56, 62-65	34
826	Analysis of two-dimensional protein patterns from developmental stages of the potato cyst-nematode, <i>Globodera rostochiensis</i> . <b>1992</b> , 105, 461-474	13
825	Fast skeletal myosin isoforms in thermally acclimated carp. <b>1992</b> , 111, 113-22	56
824	Identification of <i>acoR</i> , a regulatory gene for the expression of genes essential for acetoin catabolism in <i>Alcaligenes eutrophus</i> H16. <b>1992</b> , 174, 4391-400	35
823	Purification of two chitinases from <i>Rhizopus oligosporus</i> and isolation and sequencing of the encoding genes. <b>1992</b> , 174, 7398-406	80
822	Protein profiles of perilymph and endolymph of the guinea pig. <b>1992</b> , 63, 37-42	45
821	Anomalous electrophoretic behaviour of the major cysteine proteinase (cruzipain) from <i>Trypanosoma cruzi</i> in relation to its apparent molecular mass. <b>1992</b> , 95, 225-229	16

820	Characterization of homogeneous atrial granule serine proteinase, a candidate processing enzyme of pro-atrial natriuretic factor. <b>1992</b> , 50, 523-31	12
819	Protein B23 (M.W./pI = 37 kD/5.1) is the only major protein extracted from HeLa nucleoli with 3M urea. <b>1992</b> , 51, 915-20	6
818	A new source of biologically active compounds--earthworm tissue ( <i>Eisenia foetida</i> , <i>Lumbricus rubellus</i> ). <b>1992</b> , 102, 441-7	42
817	Further considerations on the thermal stabilization of the nuclear matrix in mouse erythroleukemia cells. <b>1992</b> , 16, 307-17	4
816	Cell adhesion molecule L1 guides cell migration in primary reaggregation cultures of mouse cerebellar cells. <b>1992</b> , 144, 221-4	40
815	Purification and identification of a CD25 expression inhibitory protein from cell-free supernatants of chronically HIV-infected promonocytic cells. <b>1992</b> , 1139, 300-6	
814	Purification and characterization of a 65-kDa tumor-associated phosphoprotein from rat transplantable hepatocellular carcinoma 1682C cell line. <b>1992</b> , 3, 196-203	3
813	Glutathione-binding proteins identified by monoclonal antibodies which depress the behavioral response evoked by glutathione in <i>Hydra</i> . <b>1992</b> , 1117, 136-42	6
812	Purification and characterization of Kanagawa haemolysin from <i>Vibrio parahaemolyticus</i> . <b>1992</b> , 143, 569-77	10
811	Purification and characterization of a chitinase from the hyperparasitic fungus <i>Aphanocladium album</i> . <b>1992</b> , 40, 117-131	25
810	Identification and purification of a novel serine/threonine messenger-independent growth-related protein kinase from lactating goat mammary gland. <b>1992</b> , 1117, 90-6	5
809	A sensitive enzyme-linked immunosorbent assay for human interleukin-8. <b>1992</b> , 149, 227-35	97
808	An androgen-dependent subclone derived from a mouse mammary tumor, Shionogi carcinoma 115, secretes a heparin-binding growth factor having an apparent molecular weight of 31,000 in response to androgen. <b>1992</b> , 1134, 183-8	1
807	Abnormal expression of actin in lymphocytes of Alzheimer's disease and Down's syndrome patients. <b>1992</b> , 38, 199-208	18
806	PCNA-dependent DNA polymerase delta from rabbit bone marrow. <b>1992</b> , 31, 12403-9	8
805	Enhanced photodynamic killing of target cells by either monoclonal antibody or low density lipoprotein mediated delivery systems. <b>1992</b> , 19, 41-58	17
804	Identification of sialic acids in cell adhesion molecule, contact site A from <i>Dictyostelium discoideum</i> . <b>1992</b> , 188, 794-8	5
803	Hsp85 conformational change within the heat shock temperature range. <b>1992</b> , 184, 394-9	8

802	NAD biosynthesis in human placenta: purification and characterization of homogeneous NMN adenylyltransferase. <b>1992</b> , 298, 29-34	39
801	Additional binding sites for the pyruvate dehydrogenase kinase but not for protein X in the assembled core of the mammalian pyruvate dehydrogenase complex: binding region for the kinase. <b>1992</b> , 296, 497-504	8
800	Purification of interleukin-1 beta converting enzyme, the protease that cleaves the interleukin-1 beta precursor. <b>1992</b> , 296, 698-703	36
799	Mapping of antigenic sites to monoclonal antibodies on the primary structure of the F1-ATPase beta subunit from <i>Escherichia coli</i> : concealed amino-terminal region of the subunit in the F1. <b>1992</b> , 294, 373-81	13
798	Release of neurite outgrowth promoting factors by <i>Helisoma</i> central ganglia depends on neural activity. <b>1992</b> , 572, 132-8	10
797	Identification and localization of a nucleolin homologue in onion nucleoli. <b>1992</b> , 199, 74-84	33
796	Imidazole-SDS-Zn reverse staining of proteins in gels containing or not SDS and microsequence of individual unmodified electroblotted proteins. <b>1992</b> , 296, 300-4	88
795	Evaluation of the expression of the cationic peptide gene in various types of leukocytes. <b>1992</b> , 302, 279-83	17
794	Hydrolysis of L-leucine methyl ester by <i>Leishmania mexicana mexicana</i> amastigote cysteine proteinases. <b>1992</b> , 22, 711-7	6
793	Differential binding of wild-type and a mutant RepA protein to oriR sequence suggests a model for the initiation of plasmid R1 replication. <b>1992</b> , 228, 787-802	26
792	Characterization of a cell surface adhesion molecule expressed by a subset of developing chick neurons. <b>1992</b> , 149, 213-27	36
791	Purification of electron transfer flavoprotein from pig liver mitochondria and its application to the diagnosis of deficiencies of acyl-CoA dehydrogenases in human fibroblasts. <b>1992</b> , 210, 75-91	16
790	Comparison of soluble aminopeptidases in human cerebral cortex, skeletal muscle and kidney tissues. <b>1992</b> , 207, 107-18	29
789	Activation and stabilization of UDP-glucuronyltransferase by lysophosphatidylcholine. <b>1992</b> , 112, 309-13	4
788	<i>Mycoplasma pneumoniae</i> cytoadherence phase-variable protein HMW3 is a component of the attachment organelle. <b>1992</b> , 174, 4265-74	58
787	Multiple forms of bile salt hydrolase from <i>Lactobacillus</i> sp. strain 100-100. <b>1992</b> , 174, 7217-20	27
786	Localization of diphtheria toxin nuclease activity to fragment A. <b>1992</b> , 174, 2032-8	11
785	Molecular shape of dystrophin. <b>1992</b> , 112, 631-6	29

784	Reattachment of surface array proteins to <i>Campylobacter fetus</i> cells. <b>1992</b> , 174, 1258-67	63
783	Chromatographic Analysis of Host-Cell Protein Impurities in Pharmaceuticals Derived from Recombinant DNA. <b>1992</b> , 121-134	1
782	Analysis for Cerebrospinal Fluid Proteins by Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis. <b>1992</b> , 38, 2008-2012	6
781	Isolation and characterization of the ecto-5'-nucleotidase from a rat glioblastoma cell line. <i>Molecular and Cellular Biochemistry</i> , <b>1992</b> , 117, 23-33	4.2 7
780	Dynamics of tonoplast proton pumps and other tonoplast proteins of <i>Mesembryanthemum crystallinum</i> L. during the induction of Crassulacean acid metabolism. <b>1992</b> , 188, 575-80	51
779	Purification and immunolocalization of an annexin-like protein in pea seedlings. <b>1992</b> , 187, 1-9	47
778	Three aspartate kinase isoenzymes from maize. <b>1992</b> , 31, 3725-3730	36
777	The effect of age on protein composition of rat cerebral microvessels. <b>1992</b> , 17, 665-70	16
776	Arginine specific endopeptidases modify the aggregation properties of a synthetic peptide derived from Alzheimer beta/A4 amyloid. <b>1992</b> , 17, 367-74	7
775	Maternal Exogastrula-Inducing Peptides (EGIPs) and Their Changes during Development in the Sea Urchin <i>Anthocidaris crassispina</i> . <b>1992</b> , 34, 661-668	10
774	On the post-translational modifications at the C-terminal domain of the major cysteine proteinase (cruzipain) from <i>Trypanosoma cruzi</i> . <b>1992</b> , 100, 411-6	26
773	Purification and characterization of an allergen from celery immunochemically related to an allergen present in several other plant species. Identification as a profilin. <b>1992</b> , 22, 774-82	126
772	Molecular basis of host epithelial cell recognition by <i>Trichomonas vaginalis</i> . <b>1992</b> , 6, 853-62	119
771	Growth inhibition by anchorage-deficiency is associated with increased level but reduced phosphorylation of mutant p53. <b>1992</b> , 83, 358-65	7
770	Cell-cycle-dependent changes in labelling of specific phosphoproteins by the monoclonal antibody MPM-2 in plant cells. <b>1992</b> , 2, 723-732	30
769	Pyruvate carboxylase in <i>Leptosphaeria michotii</i> Isolation, properties, intracellular localization and cyclic variations of its activity in relation to polypeptide level. <b>1992</b> , 86, 484-494	1
768	Radioiodination of the active site of tissue plasminogen activator: a method for radiolabeling serine proteases with tyrosylprolylarginyl chloromethyl ketone. <i>Analytical Biochemistry</i> , <b>1992</b> , 206, 73-83 <sup>3.1</sup>	10
767	The direct hydrolysis of proteins containing tryptophan on polyvinylidene difluoride membranes by mercaptoethanesulfonic acid in the vapor phase. <i>Analytical Biochemistry</i> , <b>1992</b> , 206, 105-8	3.1 9

766	Activation of topoisomerase II during partial purification by heparin-Sepharose chromatography. <b>1992</b> , 625, 67-71	5
765	Electrophoretic analysis of snake venoms. <b>1992</b> , 580, 355-63	9
764	Comparative protein accumulation patterns in soybean somatic and zygotic embryos. <b>1992</b> , 28, 106-114	21
763	Quantitation of E. coli protein impurities in recombinant human interferon-gamma. <i>Applied Biochemistry and Biotechnology</i> , <b>1992</b> , 36, 137-52	3.2 13
762	Purification of a telomere-binding protein from Physarum polycephalum. <b>1992</b> , 1171, 162-6	6
761	The oligomeric structure of rat liver microsomal glutathione transferase studied by chemical cross-linking. <b>1992</b> , 1159, 103-8	26
760	An enzyme-inhibitor complex of cathepsin L in the white muscle of chum salmon ( <i>Oncorhynchus keta</i> ) in spawning migration. <b>1992</b> , 103, 1005-1010	5
759	Malic enzyme from ribbed mussel ( <i>Modiolus demissus</i> ) gill tissue mitochondria. <b>1992</b> , 103, 305-312	
758	Changes in the phosphorylation status of a 19 kD cytosolic protein are linked to the growth arrest of HL-60 cells. <b>1992</b> , 16, 353-61	7
757	Passive protection of mice with antiserum to neuraminidase from <i>Pasteurella multocida</i> serotype A:3. <b>1992</b> , 16, 97-105	12
756	A new cell line (XTY) from a tumor of <i>Xenopus laevis</i> . <b>1992</b> , 48, 87-91	5
755	Morphological variability of potato cyst nematodes ( <i>Globodera</i> spp.) in the Canary Islands. <b>1992</b> , 120, 315-328	2
754	The carboxy-terminal extension of the collagen binding domain of fibronectin mediates interaction with a 165 kDa membrane protein involved in odontoblast differentiation. <b>1992</b> , 49, 109-18	34
753	Production and characterization of recombinant mouse neurotrophin-3. <b>1992</b> , 204, 745-9	44
752	Subunit interactions of GTP-binding proteins. <b>1992</b> , 204, 1169-81	38
751	Purification and characterization of human salivary-gland prokallikrein from recombinant baculovirus-infected insect cells. <b>1992</b> , 206, 225-33	24
750	Stimulation of phospholipase C by guanine-nucleotide-binding protein beta gamma subunits. <b>1992</b> , 206, 821-31	245
749	Expression, purification and characterisation of a functional phosphatidylinositol-specific phospholipase C-delta 1 protein in <i>Escherichia coli</i> . <b>1992</b> , 210, 155-60	8



748	Seed Protein Electrophoresis for Varietal Identification in Rice ( <i>Oryza sativa</i> L.). <b>1992</b> , 168, 95-99	5
747	Multiple glycoproteins localize to a particulate form of extracellular matrix in regions of the embryonic heart where endothelial cells transform into mesenchyme. <b>1992</b> , 232, 285-92	23
746	Monoclonal M6 antibody interferes with neurite extension of cultured neurons. <b>1992</b> , 23, 71-88	94
745	Cetyltrimethylammonium bromide discontinuous gel electrophoresis: Mr-based separation of proteins with retention of enzymatic activity. <i>Analytical Biochemistry</i> , <b>1992</b> , 202, 172-8	3.1 40
744	Characterization of the human myeloid cell nuclear differentiation antigen: relationship to interferon-inducible proteins. <b>1992</b> , 48, 190-202	32
743	Cloning and sequence determination of bovine insulin-like growth factor binding protein-2 (IGFBP-2): comparison of its structural and functional properties with IGFBP-1. <b>1992</b> , 48, 215-26	101
742	Monoclonal antibody that recognizes the carbohydrate portion of cell adhesion molecule L1 influences calcium current in cultured neurons. <b>1992</b> , 153, 313-20	14
741	Plasma protein map: an update by microsequencing. <b>1992</b> , 13, 707-14	135
740	Improving the detection of proteins after transfer to polyvinylidene difluoride membranes. <b>1992</b> , 13, 715-7	62
739	Human liver protein map: a reference database established by microsequencing and gel comparison. <b>1992</b> , 13, 992-1001	127
738	Increased electrophoretic mobility of sodium sulfite-treated jack bean urease. <b>1992</b> , 13, 300-4	2
737	Specific polypeptide markers in chronic B cell malignancies detected by two-dimensional gel electrophoresis. <b>1992</b> , 13, 388-93	2
736	A comparison between low background silver diammine and silver nitrate protein stains. <b>1992</b> , 13, 429-39	259
735	Antibody against p58 surface antigen of RA-2 rat rhabdomyosarcoma cells inhibits their metastatic activity. <b>1992</b> , 52, 892-5	2
734	Formation of stable p53 homotetramers and multiples of tetramers. <b>1992</b> , 5, 102-6	92
733	Comparative structural analysis of human and rat 65 kDa tumor-associated phosphoproteins. <b>1993</b> , 25, 1865-71	4
732	Deleterious effects of disulfiram on the respiratory electron transport system of liver mitochondria. <b>1993</b> , 25, 87-91	7
731	Molecular integrity of monoclonal antibodies produced by hybridoma cells in batch culture and in continuous-flow culture with integrated product recovery. <b>1993</b> , 42, 974-86	27

730	Cell cycle regulated expression of nucleolar antigen P120 in normal and transformed human fibroblasts. <b>1993</b> , 154, 16-27	30
729	Assembly of the peripheral domain of the bovine vacuolar H(+)-adenosine triphosphatase. <b>1993</b> , 156, 35-42	51
728	The silver staining procedure of sodium dodecyl sulfate-gels may be accelerated by shortening fixation time. <b>1993</b> , 14, 51-5	20
727	Gel electrophoresis of giant proteins: solubilization and silver-staining of titin and nebulin from single muscle fiber segments. <b>1993</b> , 14, 56-64	96
726	Human liver protein map: update 1993. <b>1993</b> , 14, 1216-22	73
725	Plasma and red blood cell protein maps: update 1993. <b>1993</b> , 14, 1223-31	124
724	Ultrastructural and biochemical analysis of the sarcoplasmic reticulum from crayfish fast and slow striated muscles. <b>1993</b> , 267, 9-18	7
723	Asparaginase from the testa of developing lupin and pea seeds. <b>1993</b> , 34, 51-56	14
722	Stability and activity of a phenol oxidase from the ligninolytic fungus <i>Pleurotus ostreatus</i> . <b>1993</b> , 39, 632-6	126
721	A biochemical characterization of the photophore lenses of the midshipman fish, <i>Porichthys notatus</i> Girard. <b>1993</b> , 172, 565-72	4
720	The continuum of pure and hybrid myosin heavy chain-based fibre types in rat skeletal muscle. <b>1993</b> , 100, 149-53	100
719	Purification of rosmarinic acid synthase from cell cultures of <i>Coleus blumei</i> Benth. <b>1993</b> , 191, 18	3
718	Effects of 2,4-D removal on the synthesis of specific proteins by <i>Catharanthus roseus</i> cell cultures. <b>1993</b> , 13, 287-295	4
717	Casein kinase III activity in psoriasis. <b>1993</b> , 284, 476-8	
716	Crystallization and preliminary X-ray diffraction studies of peroxidase from a fungus <i>Arthromyces ramosus</i> . <b>1993</b> , 15, 216-20	17
715	Postnatal expression of myosin isoforms in the genioglossus and diaphragm muscles. <b>1993</b> , 15, 212-9	19
714	Expression of (s)-scoulerine 9-O-methyltransferase in <i>Coptis japonica</i> plants. <b>1993</b> , 34, 949-954	28
713	Restoration of attachment, virulence and nodulation of <i>Agrobacterium tumefaciens</i> chvB mutants by rhicadhesin. <b>1993</b> , 10, 597-605	28

712	Pore-forming and haemolytic properties of the <i>Gardnerella vaginalis</i> cytotoxin. <b>1993</b> , 9, 1143-55	49
711	Purification and characterization of elicitor-induced lipoxygenase in tobacco cells. <b>1993</b> , 3, 63-70	44
710	Symbiosis-related polypeptides associated with the early stages of ectomycorrhiza organogenesis in birch ( <i>Betula pendula</i> Roth). <b>1993</b> , 124, 495-504	38
709	Clonal relationships among bovine pathogenic <i>Escherichia coli</i> producing surface antigen CS31A. <b>1993</b> , 106, 217-22	16
708	<i>Brucella</i> group 3 outer membrane proteins contain a heat-modifiable protein. <b>1993</b> , 112, 141-6	13
707	Activation of bovine plasminogen by <i>Streptococcus uberis</i> . <b>1993</b> , 114, 67-71	42
706	Coordinate changes in the expression of troponin subunit and myosin heavy-chain isoforms during fast-to-slow transition of low-frequency-stimulated rabbit muscle. <b>1993</b> , 213, 1039-46	51
705	Relationships between alkali light-chain complement and myosin heavy-chain isoforms in single fast-twitch fibers of rat and rabbit. <b>1993</b> , 214, 157-61	42
704	Cell-cell adhesion by homophilic interaction of the neuronal recognition molecule axonin-1. <b>1993</b> , 215, 133-41	71
703	Properties of some nuclear nucleases of rat thymocytes and their changes in radiation-induced apoptosis. <b>1993</b> , 215, 893-901	55
702	Proteins of the Golgi apparatus. Purification to homogeneity, N-terminal sequence, and unusually large Stokes radius of the membrane-bound form of UDP-galactose:N-acetylglucosamine beta 1-4galactosyltransferase from rat liver. <b>1993</b> , 216, 405-17	14
701	Proof-reading 3'→5' exonucleases isolated from rat liver nuclei. <b>1993</b> , 217, 493-500	19
700	Fast myosin heavy chain diversity in skeletal muscles of the rabbit: heavy chain II <sub>d</sub> , not II <sub>b</sub> predominates. <b>1993</b> , 211, 367-72	102
699	Purification and characterization of an extracellular amylase from <i>Lactobacillus plantarum</i> strain A6. <b>1993</b> , 75, 276-282	64
698	Analysis of polypeptides and proteins. <b>1993</b> , 10, 29-90	29
697	ATP-independent DNA topoisomerase from <i>Fervidobacterium islandicum</i> . <b>1993</b> , 1216, 213-20	15
696	Purification and characterization of the HU-like protein HPB9 from the <i>Bacillus subtilis</i> nucleoid. <b>1993</b> , 1172, 101-7	10
695	<i>Helicobacter pylori</i> lipopolysaccharide inhibition of gastric mucosal laminin receptor: effect of sulglycotide. <b>1993</b> , 24, 1467-72	5

694	Identification of an Escherichia coli protein impurity in preparations of a recombinant pharmaceutical. <b>1993</b> , 10, 975-9	11
693	Sensitive silver-staining detection of bacterial lipopolysaccharides in polyacrylamide gels. <b>1993</b> , 26, 81-6	125
692	Carbohydrate structures of the cell adhesion molecule, contact site A, from Dictyostelium discoideum. <b>1993</b> , 318, 305-9	4
691	Electrophoretic analysis of myosin heavy chain isoform patterns in extraocular muscles of the rat. <b>1993</b> , 335, 243-5	21
690	Purification of an UDP-glucose:flavone, 7-O-glucosyltransferase, from Silene latifolia using a specific interaction between the enzyme and phenyl-Sepharose. <b>1993</b> , 330, 36-40	7
689	Generation of superoxide by purified and relipidated cytochrome b559 in the absence of cytosolic activators. <b>1993</b> , 327, 57-62	82
688	Human liver microsomal glutathione transferase. Substrate specificity and important protein sites. <b>1993</b> , 315, 77-80	25
687	Quantitative determination of human aldose reductase by enzyme-linked immunosorbent assay. Immunoassay of human aldose reductase. <b>1993</b> , 46, 21-8	32
686	A protease is recovered with a dimeric form of acetylcholinesterase in fetal bovine serum. <b>1993</b> , 611, 75-80	16
685	Identification, isolation and partial characterisation of a 1415 kDa pigment binding protein complex of PS II from spinach. <b>1993</b> , 1143, 173-182	9
684	Solubility of hydrophobic surfactant proteins in organic solvent/water mixtures. Structural studies on SP-B and SP-C in aqueous organic solvents and lipids. <b>1993</b> , 1168, 261-70	88
683	Low molecular mass GTP-binding proteins are secreted from mammary epithelial cells in association with lipid globules. <b>1993</b> , 1168, 299-306	14
682	Unstable inter-H chain disulfide bonding and non-covalently associated J chain in rat dimeric IgA. <b>1993</b> , 30, 19-26	13
681	Comparison of ovine abortion and non-abortion isolates of Chlamydia psittaci using inclusion morphology, polyacrylamide gel electrophoresis, restriction endonuclease analysis and reactivity with monoclonal antibodies. <b>1993</b> , 35, 141-59	13
680	Aluminium Toxicity in Roots: An Investigation of Spatial Sensitivity and the Role of the Root Cap. <b>1993</b> , 44, 437-446	480
679	Disulfide arrangement and chemical modification of beta-1,4-endoglucanase E2 from Thermomonospora fusca. <b>1993</b> , 32, 8151-6	10
678	Association of the A subunits of recombinant placental factor XIII with the native carrier B subunits from human plasma. <b>1993</b> , 32, 3527-34	35
677	Characterization of a Proton-Translocating ATPase in a Tonoplast-Vesicle Fraction from Citrus. <b>1993</b> , 142, 319-324	8

676	The F3/11 cell adhesion molecule mediates the repulsion of neurons by the extracellular matrix glycoprotein J1-160/180. <b>1993</b> , 10, 69-82	222
675	Separation of lipoxygenase and the major soybean proteins using aqueous two-phase extraction and poly(ethylene glycol) precipitation systems. <b>1993</b> , 41, 334-340	6
674	Human plasma factor XIII: subunit interactions and activation of zymogen. <b>1993</b> , 222, 22-35	38
673	Collagen of accessory structures of organ of Corti. <b>1993</b> , 29, 191-201	56
672	Antibody response to the 89-kDa outer membrane protein of Brucella in bovine brucellosis. <b>1993</b> , 39, 403-7	22
671	Purification to homogeneity and the N-terminal sequence of human leukotriene C4 synthase: a homodimeric glutathione S-transferase composed of 18-kDa subunits. <b>1993</b> , 90, 2015-9	109
670	Pathogenesis of Campylobacter fetus infections: critical role of high-molecular-weight S-layer proteins in virulence. <b>1993</b> , 167, 372-7	74
669	Retarded germination of Nicotiana tabacum seeds following insertion of exogenous DNA mimics the seed persistent behavior. <b>2017</b> , 12, e0187929	4
668	Kinetic characterization and molecular modeling of trehalose-6-phosphate phosphatase from Anopheles gambiae and expressed in Pichia pastoris. <b>2017</b> , 16, 1366-1378	0
667	Morphological peculiarities of neuromuscular junctions among different fiber types: Effect of exercise. <b>2017</b> , 27, 6708	9
666	Peroxidase from jackfruit: Purification, characterization and thermal inactivation. <b>2018</b> , 114, 898-905	8
665	Soluble protein fraction of human seminal plasma. <b>2018</b> , 174, 85-100	7
664	Proteomic change by Korean Red Ginseng in the substantia nigra of a Parkinson's disease mouse model. <b>2018</b> , 42, 429-435	8
663	Identifying the mechanism of Escherichia coli O157:H7 survival by the addition of salt in the treatment with organic acids. <b>2018</b> , 124, 241-253	6
662	Effects of different nitrogen fertilizers on two wheat cultivars: An integrated approach. <b>2018</b> , 2, e00089	3
661	Production of Omegas-6 and 9 from the Hydrolysis of Aññ and Buriti Oils by Lipase Immobilized on a Hydrophobic Support. <b>2018</b> , 23,	9
660	Exo-ethylene application mitigates waterlogging stress in soybean (Glycine max L.). <b>2018</b> , 18, 254	26
659	DNA Fingerprinting: Advancements and Future Endeavors. <b>2018</b> ,	2

658	Effects of Germination on Protein, $\beta$ Aminobutyric Acid, Phenolic Acids, and Antioxidant Capacity in Wheat. <b>2018</b> , 23,	18
657	Characterization of plant carbon substrate utilization by <i>Auxenochlorella protothecoides</i> . <b>2018</b> , 34, 37-48	7
656	Matrix stiffness modulates infection of endothelial cells by <i>Listeria monocytogenes</i> via expression of cell surface vimentin. <b>2018</b> , 29, 1571-1589	21
655	Characterization of Antibacterial Cell-Free Supernatant from Oral Care Probiotic , CMU. <b>2018</b> , 23,	22
654	Hair Growth Promoting Effect of 4HGF Encapsulated with PGA Nanoparticles (PGA-4HGF) by $\beta$ Catenin Activation and Its Related Cell Cycle Molecules. <b>2019</b> , 20,	4
653	Effects of Simulated Space Radiations on the Tomato Root Proteome. <b>2019</b> , 10, 1334	8
652	Proteomic Analysis of Primary Colon Cancer and Synchronous Solitary Liver Metastasis. <b>2019</b> , 16, 583-592	16
651	Purification and characterization of a thermoalkaliphilic esterase from <i>Bacillus cereus</i> WZZ006 for enantioselective resolution of indoxacarb intermediate. <b>2019</b> , 140, 358-367	4
650	Anti-TNF- $\alpha$ Agent Tamarind Kunitz Trypsin Inhibitor Improves Lipid Profile of Wistar Rats Presenting Dyslipidemia and Diet-induced Obesity Regardless of PPAR- $\beta$ Induction. <b>2019</b> , 11,	12
649	Effect of etoposide on grass pea DNA topoisomerase II: an in silico, in vivo, and in vitro assessments. <b>2019</b> , 43,	4
648	Effect of calorific intake on proteomic composition of colostrum in dairy cows. <b>2019</b> , 59, 2196	
647	Non-typeable <i>Haemophilus influenzae</i> isolates from patients with chronic obstructive pulmonary disease contain new phase-variable modA methyltransferase alleles controlling phasevarions. <b>2019</b> , 9, 15963	4
646	Partial purification of invertase from <i>Momordica charantia</i> (bitter melon) by three phase partitioning (TPP) method. <b>2019</b> , 13, 56-62	2
645	Crystal violet stains proteins in SDS-PAGE gels and zymograms. <i>Analytical Biochemistry</i> , <b>2019</b> , 566, 107-115	6
644	A proteomic approach to seasonal adjustment in the enzyme complement of Korean fir ( <i>Abies koreana</i> Wilson) needles. <b>2019</b> , 60, 135-146	
643	Proteostasis network alteration in lysosomal storage disorders: Insights from the mouse model of Krabbe disease. <b>2020</b> , 98, 718-733	6
642	<i>Taenia solium</i> proteins: a beautiful kaleidoscope of pro and anti-inflammatory antigens. <b>2020</b> , 17, 609-622	3
641	Functional and structural characterization of a novel GH3 $\beta$ glucosidase from the gut metagenome of the Brazilian Cerrado termite <i>Syntermes wheeleri</i> . <b>2020</b> , 165, 822-834	3

640	Analytical artifacts in characterization of recombinant monoclonal antibody therapeutics. <b>2020</b> , 183, 113131	6
639	Sodium Oxalate-Induced Acute Kidney Injury Associated With Glomerular and Tubulointerstitial Damage in Rats. <b>2020</b> , 11, 1076	5
638	Safety and potential functionality of nanoparticles loaded with a trypsin inhibitor isolated from tamarind seeds. <b>2020</b> , 1-2, 100001	4
637	Investigation of mitochondrial protein expression profiles of <i>Yarrowia lipolytica</i> in response to citric acid production. <b>2020</b> , 43, 1703-1715	2
636	Proteome characterization of <i>Paracoccidioides lutzii</i> conidia by using nanoUPLC-MS. <b>2020</b> , 124, 766-780	2
635	Potential biodiesel production from Brazilian plant oils and spent coffee grounds by <i>Beauveria bassiana</i> lipase 1 expressed in <i>Aspergillus nidulans</i> A773 using different agroindustry inputs. <b>2020</b> , 256, 120513	8
634	Survival factor SvfA plays multiple roles in differentiation and is essential for completion of sexual development in <i>Aspergillus nidulans</i> . <b>2020</b> , 10, 5586	4
633	Ceruloplasmin and oxidative stress in severe eosinophilic asthma patients treated with Mepolizumab and Benralizumab. <b>2021</b> , 1869, 140563	8
632	Proteomic Analysis Identifies Dysregulated Proteins in Butanol-Tolerant Gram-Positive BR0713-33. <b>2021</b> , 6, 4034-4043	2
631	Mannitol-1-phosphate dehydrogenase, MpdA, is required for mannitol production in vegetative cells and involved in hyphal branching, heat resistance of conidia and sexual development in <i>Aspergillus nidulans</i> . <b>2021</b> , 67, 613-630	
630	Marine cyanobacterium <i>Spirulina maxima</i> as an alternate to the animal cell culture medium supplement. <b>2021</b> , 11, 4906	2
629	Statistical experimental design applied to extracellular lipase production by the marine Antarctic yeast <i>Leucosporidium scottii</i> CRM 728. <b>2021</b> , 32, 101954	2
628	Wheat (L.) Transcript Variants Are Highly Expressed in Response to Heat Stress and in Grains Located in Distal Part of the Spike. <b>2021</b> , 10,	0
627	Comparative Proteomics Analysis of Phosphine-Resistant and Phosphine-Susceptible <i>Sitophilus oryzae</i> (Coleoptera: Curculionidae). <b>2021</b> , 11, 4163	1
626	Design of a three-step chromatographic process of recombinant human erythropoietin purification. <b>2021</b> , 267, 118673	0
625	The Effects of Transglutaminase and Refrigerated Storage on the Physicochemical Properties of Whole Wheat Dough and Noodles. <b>2021</b> , 10,	0
624	Beneficial Effects of Tamarind Trypsin Inhibitor in Chitosan-Whey Protein Nanoparticles on Hepatic Injury Induced High Glycemic Index Diet: A Preclinical Study. <b>2021</b> , 22,	2
623	Early type 1 diabetes aggravates renal ischemia/reperfusion-induced acute kidney injury. <b>2021</b> , 11, 19028	2

622	Differential redox proteomic profiles of serum from severe asthma patients after one month of benralizumab and mepolizumab treatment. <b>2021</b> , 70, 102060	2
621	Staining Proteins in Gels. <b>2008</b> , 00, 7.4.1	2
620	Application of lipase immobilized on a hydrophobic support for the synthesis of aromatic esters. <b>2021</b> , 68, 538-546	9
619	Human Cerebrospinal Fluid Immunology. <b>1989</b> , 179-226	6
618	Molecular Properties of Isolated Ca <sup>2+</sup> Transport Systems from Nerve Terminals. <b>1986</b> , 47-64	1
617	Recombinant DNA Technology and Characterization of Recombinant Alpha-2 Interferon. <b>1985</b> , 1-12	2
616	Antigens. <b>1983</b> , 309-334	5
615	Target-Dependent and Target-Independent Changes in Rapid Axonal Transport During Regeneration of the Goldfish Retinotectal Pathway. <b>1984</b> , 145-169	3
614	Polyacrylamide Gel Electrophoresis: Principles, Techniques, and Micromethods. <b>1981</b> , 245-300	1
613	Interleukin 1. <b>1983</b> , 283-305	3
612	Toward the molecular biology of IL-2. <b>1985</b> , 10, 35-61	7
611	Glycoproteins of the Platelet Plasma Membrane. <b>1985</b> , 51-85	29
610	Removal of small proteins--the stepchild of dialysis therapy. Protein permeability of different hemofiltration membranes analysed by SDS-polyacrylamide gel electrophoresis (SDS-PAGE). <b>1987</b> , 223, 277-80	1
609	Protection of mice from lethal coronavirus MHV-A59 infection by monoclonal affinity-purified spike glycoprotein. <b>1990</b> , 276, 205-10	4
608	A unique ATP-dependent DNA topoisomerase from trypanosomatids. <b>1984</b> , 179, 409-22	23
607	The Reconstituted Sodium Channel from Brain. <b>1986</b> , 337-362	6
606	The Reconstituted Acetylcholine Receptor. <b>1986</b> , 157-204	27
605	Two-Dimensional PAGE Using Carrier Ampholyte pH Gradients in the First Dimension. <b>1996</b> , 127-132	5



604	Ligand affinity chromatography, an indispensable method for the purification of soluble cytokine receptors and binding proteins. <b>2012</b> , 820, 195-214	3
603	Optimierung von IEF-Verfahren zum Nachweis oligoklonaler Immunglobuline bei neuroimmunologischen Erkrankungen. <b>1983</b> , 940-944	2
602	Two-Dimensional Electrophoresis with Immobilized pH Gradients. <b>2000</b> , 57-106	14
601	Characterization of natural-sequence recombinant human growth hormone. <b>1989</b> , 29-50	2
600	Protein patterns in rotifers: the timing of aging. <b>1989</b> , 325-330	4
599	Functional and Structural Characterization of a Highly Oxygen Evolving PS II Core Complex from Spinach. <b>1990</b> , 375-378	3
598	Human type II mixed cryoglobulins as a model of idiotypic interactions. <b>1986</b> , 147-160	1
597	Proteins in the Sea [Synthesis. <b>2000</b> , 383-463	11
596	Use of proteomics and PCR to elucidate changes in protein expression in oral streptococci. <b>1998</b> , 165-179	1
595	Physical Properties of Glycine Decarboxylase Multienzyme Complex from Pea Leaf Mitochondria. <b>1984</b> , 553-556	3
594	Suppression of murine lymphocyte proliferation induced by a small RNA purified from the <i>Taenia solium</i> metacestode. <b>1995</b> , 81, 181-7	26
593	Studies on the Hydrophobic Anchor of the Pig Intestinal Intrinsic Factor Receptor. <b>1982</b> , 385-388	1
592	Brain Proteins in Soluble and Insoluble Fractions Analyzed by Micro Two-Dimensional Electrophoresis. <b>1983</b> , 30, 591-594	3
591	Sensitive Protein Stain on Nitrocellulose Blots. <b>1985</b> , 33, 589-591	6
590	Applicability of Color Silver Stain (GELCODE System) to Protein Mapping with Two-Dimensional Gel Electrophoresis. <b>1984</b> , 111-126	5
589	Clinical Applications of Two-Dimensional Gel Electrophoresis. <b>1984</b> , 193-240	12
588	CHEMISTRY OF HYDRA NEMATOCYSTS. <b>1988</b> , 427-444	13
587	Detection and Characterization of Subgenomic RNA in Plant Viruses. <b>1984</b> , 259-317	7

586	THE NATURE OF POLYHEDRIN. <b>1985</b> , 489-542	15
585	Silver Staining of Gels for Proteins or RNA. <b>1986</b> , 315-317	10
584	STRUCTURAL STUDIES ON BEEF HEART CYTOCHROME C OXIDASE FROM WHICH SUBUNIT III HAS BEEN REMOVED BY CHYMOTRYPSIN TREATMENT. <b>1983</b> , 223-235	2
583	Purification and characterization of a novel protein phosphatase highly specific for ribosomal protein S6. <b>1989</b> , 264, 151-156	16
582	Topology of the Yeast Plasma Membrane Proton-translocating ATPase. <b>1989</b> , 264, 370-374	13
581	Isolation and reconstitution of a vacuolar-type proton pump of osteoclast membranes.. <b>1994</b> , 269, 24979-24983	39
580	The propeptide of Pseudomonas aeruginosa elastase acts an elastase inhibitor.. <b>1994</b> , 269, 22726-22731	64
579	Cloning and characterization of alternatively spliced isoforms of rat tenascin. Platelet-derived growth factor-BB markedly stimulates expression of spliced variants of tenascin mRNA in arterial smooth muscle cells.. <b>1994</b> , 269, 20757-20763	47
578	A cardiolipin-activated protein kinase from rat liver structurally distinct from the protein kinases C.. <b>1994</b> , 269, 20040-20046	33
577	Expression and characterization of an inositol 1,4,5-trisphosphate binding domain of phosphatidylinositol-specific phospholipase C-delta 1.. <b>1994</b> , 269, 20179-20188	108
576	Regulation of phosphoprotein p18 in leukemic cells. Cell cycle regulated phosphorylation by p34cdc2 kinase.. <b>1994</b> , 269, 10312-10318	73
575	Isolation and reconstitution of the clathrin-coated vesicle proton translocating complex.. <b>1986</b> , 261, 2492-2495	117
574	Spermine inhibits the phosphorylation of the 11,000- and 10,000-dalton nuclear proteins catalyzed by nuclear protein kinase NI in NB-15 mouse neuroblastoma cells.. <b>1986</b> , 261, 2890-2896	10
573	Phosphorylation of prolactin.. <b>1986</b> , 261, 1649-1652	61
572	Properties of a newly characterized protein of the bovine kidney pyruvate dehydrogenase complex.. <b>1986</b> , 261, 1858-1867	88
571	Purification and characterization of heparin-binding endothelial cell growth factors.. <b>1986</b> , 261, 1924-1928	188
570	Purification and properties of a diheme cytochrome b561 of the Escherichia coli respiratory chain.. <b>1986</b> , 261, 548-551	15
569	Pteroylpolyglutamate hydrolase from human jejunal brush borders. Purification and characterization.. <b>1986</b> , 261, 928-933	83

568	Characteristics of 30-, 63-, and 89-kilodalton proteins whose secretion from mouse fibroblasts is altered by beta-interferon.. <b>1985</b> , 260, 16406-16410	8
567	Sequence of the N-terminal formic acid fragment and location of the N-ethylmaleimide-binding site of the phosphate transport protein from beef heart mitochondria.. <b>1985</b> , 260, 15899-15906	43
566	Reconstitution of the skeletal muscle ryanodine receptor-Ca <sup>2+</sup> release channel protein complex into proteoliposomes.. <b>1994</b> , 269, 13305-13312	43
565	A mixture of <i>Manduca sexta</i> aminopeptidase and phosphatase enhances <i>Bacillus thuringiensis</i> insecticidal CryIA(c) toxin binding and 86Rb(+)-K <sup>+</sup> efflux in vitro. <b>1994</b> , 269, 10088-10092	228
564	Purified vacuolar inorganic pyrophosphatase consisting of a 75-kDa polypeptide can pump H <sup>+</sup> into reconstituted proteoliposomes.. <b>1994</b> , 269, 6725-6728	36
563	Purification and characterization of sulfide-quinone reductase, a novel enzyme driving anoxygenic photosynthesis in <i>Oscillatoria limnetica</i> .. <b>1994</b> , 269, 5705-5711	65
562	Purification and characterization of reverse gyrase from <i>Sulfolobus shibatae</i> . Its proteolytic product appears as an ATP-independent topoisomerase.. <b>1994</b> , 269, 5255-5263	23
561	Characterization of a catalytically self-sufficient 119,000-dalton cytochrome P-450 monooxygenase induced by barbiturates in <i>Bacillus megaterium</i> .. <b>1986</b> , 261, 7160-7169	486
560	Separation of two populations of endocytic vesicles involved in receptor-ligand sorting in rat hepatocytes.. <b>1986</b> , 261, 7445-7454	25
559	D1 protein of <i>Drosophila melanogaster</i> . Purification and AT-DNA binding properties.. <b>1985</b> , 260, 14311-14318	20
558	Inter- and intramolecular interactions of highly purified Rous sarcoma virus-transforming protein, pp60v-src.. <b>1985</b> , 260, 13838-13843	23
557	Biosynthesis of terminal Gal alpha 1BGal beta 1GlcNAc-R oligosaccharide sequences on glycoconjugates. Purification and acceptor specificity of a UDP-Gal:N-acetyllactosaminide alpha 1B-galactosyltransferase from calf thymus.. <b>1985</b> , 260, 12927-12934	134
556	The minimal structure containing the band 3 anion transport site. A 35Cl NMR study.. <b>1985</b> , 260, 13294-13303	18
555	A detergent-activated tyrosinase from <i>Xenopus laevis</i> . I. Purification and partial characterization.. <b>1985</b> , 260, 12535-12541	31
554	Phosphorylation of smooth muscle myosin at two distinct sites by myosin light chain kinase.. <b>1985</b> , 260, 10027-10031	266
553	Uridine kinase from Ehrlich ascites carcinoma. Purification and properties of homogeneous enzyme.. <b>1985</b> , 260, 10242-10247	18
552	Purification and characterization of murine retroviral reverse transcriptase expressed in <i>Escherichia coli</i> .. <b>1985</b> , 260, 9326-9335	113
551	Isolation and characterization of the orotidine 5monophosphate decarboxylase domain of the multifunctional protein uridine 5monophosphate synthase.. <b>1985</b> , 260, 9443-9451	25

550	Heparan sulfate proteoglycans from mouse mammary epithelial cells. Cell surface proteoglycan as a receptor for interstitial collagens.. <b>1985</b> , 260, 8157-8162	192
549	The sodium channel from rat brain. Role of the beta 1 and beta 2 subunits in saxitoxin binding.. <b>1986</b> , 261, 211-215	40
548	Purification and characterization of a protein kinase from <i>Xenopus</i> eggs highly specific for ribosomal protein S6.. <b>1986</b> , 261, 350-355	147
547	Purification of a primase activity associated with DNA polymerase alpha from HeLa cells.. <b>1984</b> , 259, 9479-9486	50
546	Protein-primed replication of plasmids containing the terminus of the adenovirus genome. II. Purification and characterization of a host protein required for the replication of DNA templates devoid of the terminal protein.. <b>1984</b> , 259, 7815-7825	23
545	Purification and proteolysis of vesicles containing inside-out and right-side-out oriented reconstituted (Na <sup>+</sup> , K <sup>+</sup> )-ATPase.. <b>1984</b> , 259, 5255-5263	15
544	Purification and characterization of a membrane-associated cAMP-binding protein from developing <i>Dictyostelium discoideum</i> .. <b>1984</b> , 259, 4379-4388	10
543	Characterization of the purified activated glucocorticoid receptor from rat liver cytosol.. <b>1984</b> , 259, 4534-4541	133
542	Potent catenation of supercoiled and gapped DNA circles by topoisomerase I in the presence of a hydrophilic polymer.. <b>1984</b> , 259, 4576-4581	39
541	Isolation and characterization of rabbit skeletal muscle protein phosphatases C-I and C-II.. <b>1984</b> , 259, 2913-2922	74
540	Purification and properties of nuclease gamma from <i>Ustilago maydis</i> .. <b>1984</b> , 259, 3026-3032	9
539	Regulation of calcium content in bovine spermatozoa.. <b>1984</b> , 259, 2547-2552	84
538	The sodium channel from rat brain. Purification and subunit composition.. <b>1984</b> , 259, 1667-1675	230
537	Physical and genetic characterization of the melibiose operon and identification of the gene products in <i>Escherichia coli</i> .. <b>1984</b> , 259, 1807-1812	59
536	Characterization of purified insulin receptor subunits.. <b>1984</b> , 259, 1206-1211	46
535	An improved method for purifying 2 $\beta$ -Ebligoadenylate synthetases.. <b>1984</b> , 259, 1363-1370	28
534	Phosphorylation of the C-proteins of HeLa cell hnRNP particles. Involvement of a casein kinase II-type enzyme.. <b>1984</b> , 259, 31-40	32
533	Two ribonucleic acid-dependent nucleoside triphosphate phosphohydrolases from rat liver nuclei.. <b>1983</b> , 258, 14091-14097	11

532	Pertussis toxin. Affinity purification of a new ADP-ribosyltransferase.. <b>1983</b> , 258, 14647-14651	175
531	Characterization of the Ca <sup>2+</sup> - or Mg <sup>2+</sup> -ATPase of transverse tubule membranes isolated from rabbit skeletal muscle.. <b>1983</b> , 258, 13937-13945	99
530	Keratin biosynthesis in normal mouse epithelia and in squamous cell carcinomas. mRNA-dependent alterations of the primary structure of distinct keratin subunits in tumors.. <b>1983</b> , 258, 13268-13272	25
529	Cooperative binding of calcium to thrombospondin. The effect of calcium on the circular dichroism and limited tryptic digestion of thrombospondin.. <b>1983</b> , 258, 12098-12101	72
528	Purification of mouse interleukin 2 to apparent homogeneity.. <b>1983</b> , 258, 12114-12117	24
527	Effect of size and location of the oligosaccharide chain on protease degradation of bovine pancreatic ribonuclease.. <b>1983</b> , 258, 12198-12202	47
526	The effect of in vivo treatment with triiodothyronine on the in vitro synthesis of protein-poly(ADP)-ribose adducts by isolated cardiocyte nuclei and the separation of poly(ADP)-ribosylated proteins by phenol extraction and electrophoresis.. <b>1983</b> , 258, 12587-12593	20
525	Structure-function studies on phytochrome. Preliminary characterization of highly purified phytochrome from <i>Avena sativa</i> enriched in the 124-kilodalton species.. <b>1983</b> , 258, 11025-11031	84
524	Localization of lipid-protein and protein-protein interactions within the murine retrovirus gag precursor by a novel peptide-mapping technique.. <b>1983</b> , 258, 11229-11235	60
523	Exonuclease VIII of <i>Escherichia coli</i> . I. Purification and physical properties.. <b>1983</b> , 258, 10411-10417	44
522	Purification and properties of pyruvate dehydrogenase kinase from bovine kidney.. <b>1983</b> , 258, 9454-9458	72
521	An oligosaccharide-tetanus toxoid conjugate vaccine against type III group B <i>Streptococcus</i> .. <b>1990</b> , 265, 18278-18283	48
520	Pyrroline 5-carboxylate dehydrogenase of the mitochondrial matrix of rat liver. Purification, physical and kinetic characteristics.. <b>1990</b> , 265, 18668-18672	18
519	Purification, characterization, and biosynthesis of margatoxin, a component of <i>Centruroides margaritatus</i> venom that selectively inhibits voltage-dependent potassium channels.. <b>1993</b> , 268, 18866-18874	245
518	On the subunit composition of the <i>Neurospora</i> plasma membrane H <sup>+</sup> -ATPase.. <b>1984</b> , 259, 9109-9114	43
517	Pyruvate dehydrogenase multienzyme complex. Characterization of assembly intermediates by sedimentation velocity analysis.. <b>1994</b> , 269, 31372-31377	23
516	Activity and in vitro reassembly of the coated vesicle (H <sup>+</sup> )-ATPase requires the 50-kDa subunit of the clathrin assembly complex AP-2.. <b>1994</b> , 269, 31592-31597	22
515	Mevalonolactone inhibits the rate of synthesis and enhances the rate of degradation of 3-hydroxy-3-methylglutaryl coenzyme A reductase in rat hepatocytes.. <b>1983</b> , 258, 7272-7275	118

514	T7-induced DNA polymerase. Requirement for thioredoxin sulfhydryl groups.. <b>1983</b> , 258, 6956-6962	46
513	Characterization of the Rous sarcoma virus transforming gene product.. <b>1983</b> , 258, 6344-6351	28
512	In vitro formation of disulfide-bonded fibronectin multimers.. <b>1983</b> , 258, 6595-6601	99
511	Purification of insulin receptor with full binding activity.. <b>1983</b> , 258, 5045-5049	186
510	Purification and characterization of rat urinary esterase A, a plasminogen activator.. <b>1983</b> , 258, 4434-4439	37
509	Purification and characterization of adenylate cyclase from Escherichia coli K12.. <b>1983</b> , 258, 3750-3758	63
508	The distribution of phosphorylation sites among identified proteolytic fragments of mammalian neurofilaments.. <b>1983</b> , 258, 4019-4025	201
507	Purification and characterization of a type II casein kinase from Drosophila melanogaster.. <b>1983</b> , 258, 3258-3265	82
506	Evidence that the Rous sarcoma virus transforming gene product is associated with glycerol kinase activity.. <b>1983</b> , 258, 2126-2129	21
505	Reconstitution of rapid and asymmetric assembly of M13 procoat protein into liposomes which have bacterial leader peptidase.. <b>1983</b> , 258, 1895-1900	47
504	Initiation factor and ribosome levels are coordinately controlled in Escherichia coli growing at different rates.. <b>1983</b> , 258, 1954-1959	61
503	H <sup>+</sup> -ATPase of Escherichia coli uncB402 mutation leads to loss of chi subunit of subunit of F0 sector.. <b>1983</b> , 258, 604-609	33
502	Renaturation and identification of periplasmic proteins in two-dimensional gels of Escherichia coli.. <b>1982</b> , 257, 15065-15071	28
501	Two-dimensional protein analysis at high resolution on a microscale.. <b>1982</b> , 257, 15229-15234	27
500	Evidence that calmodulin is in the chloroplast of peas and serves a regulatory role in photosynthesis.. <b>1982</b> , 257, 13795-13804	75
499	Regulation of protein phosphorylation in hamster insulinoma cells. Identification of Ca <sup>2+</sup> -regulated cytoskeletal and cAMP-regulated cytosolic phosphoproteins by two-dimensional electrophoresis.. <b>1982</b> , 257, 12231-12238	31
498	Evidence for calcium-sensitive structure in platelet thrombospondin. Isolation and partial characterization of thrombospondin in the presence of calcium.. <b>1982</b> , 257, 12257-12265	90
497	Independent locations of kinase and 3'-phosphatase activities on T4 polynucleotide kinase.. <b>1982</b> , 257, 11340-11345	10

496	Specific molecular activities of recombinant and hybrid leukocyte interferons.. <b>1982</b> , 257, 11497-11502	220
495	Multiple phosphorylation sites in mammalian neurofilament polypeptides.. <b>1982</b> , 257, 10467-10470	262
494	Purification by affinity chromatography of the glycine receptor of rat spinal cord.. <b>1982</b> , 257, 9389-9393	260
493	Physiological effects accompanying the removal of myosin LC2 from skinned skeletal muscle fibers.. <b>1982</b> , 257, 8588-8591	58
492	A major cytoplasmic glucose-regulated protein is associated with the Rous sarcoma virus pp60src protein.. <b>1982</b> , 257, 8604-8607	30
491	Subunit structure of Escherichia coli exonuclease VII.. <b>1982</b> , 257, 8799-8805	25
490	Selective phosphorylation of the alpha subunit of the sodium channel by cAMP-dependent protein kinase.. <b>1982</b> , 257, 7918-7921	121
489	Phospholipid-sensitive Ca <sup>2+</sup> -dependent protein kinase from heart. I. Purification and general properties.. <b>1982</b> , 257, 8481-8488	164
488	Poly(ADP-ribosylation) in vitro. Reaction parameters and enzyme mechanism.. <b>1982</b> , 257, 7808-7813	108
487	The isolation of homogeneous leader peptidase from a strain of Escherichia coli which overproduces the enzyme.. <b>1982</b> , 257, 7898-7902	137
486	Purification and properties of human platelet P235. A high molecular weight protein substrate of endogenous calcium-activated protease(s).. <b>1982</b> , 257, 6937-6943	65
485	10 S DNA polymerase alpha of calf thymus shows a microheterogeneity in its large polypeptide component.. <b>1982</b> , 257, 7172-7177	20
484	The effect of low frequency stimulation on myosin light chain phosphorylation in skeletal muscle.. <b>1982</b> , 257, 4688-4690	69
483	A mutation in the rnh-locus of Escherichia coli affects the structural gene for RNase H. Examination of the mutant and wild type protein.. <b>1982</b> , 257, 4719-4722	16
482	Human transforming growth factor. Production by a melanoma cell line, purification, and initial characterization.. <b>1982</b> , 257, 5220-5225	148
481	Kinetic effects of Ca <sup>2+</sup> and Mg <sup>2+</sup> on ATP hydrolysis by the purified ATP diphosphohydrolase.. <b>1982</b> , 257, 3869-3874	48
480	Hydrophobic labeling, isolation, and partial characterization of the NH <sub>2</sub> -terminal membranous segment of sucrase-isomaltase complex.. <b>1982</b> , 257, 2370-2377	48
479	The regulatory light chain is required for folding of smooth muscle myosin.. <b>1988</b> , 263, 16485-16492	52

478	Proteinase-sensitive regions in the heavy chain of low molecular weight kininogen map to the inter-domain junctions.. <b>1988</b> , 263, 12661-12668	45
477	Multiple forms of the human gene-specific transcription factor USF. I. Complete purification and identification of USF from HeLa cell nuclei.. <b>1988</b> , 263, 11985-11993	178
476	The characterization of ribosomal RNA gene chromatin from Physarum polycephalum.. <b>1988</b> , 263, 10734-10744	49
475	Isolation and characterization of multiple variants of recombinant human interleukin 4 expressed in mammalian cells.. <b>1988</b> , 263, 10817-10823	39
474	Evidence for unequal crossing over in the evolution of the neurofilament polypeptide H.. <b>1992</b> , 267, 17354-17361	91
473	Cysteine 254 of the 73-kDa A subunit is responsible for inhibition of the coated vesicle (H <sup>+</sup> )-ATPase upon modification by sulfhydryl reagents.. <b>1992</b> , 267, 5817-5822	100
472	Immunocytochemical and biochemical studies of GLUT4 in rat skeletal muscle.. <b>1992</b> , 267, 6278-6285	124
471	The 40-kDa subunit enhances but is not required for activity of the coated vesicle proton pump.. <b>1992</b> , 267, 5171-5176	61
470	A purified S6 kinase kinase from Xenopus eggs activates S6 kinase II and autophosphorylates on serine, threonine, and tyrosine residues.. <b>1992</b> , 267, 4408-4415	20
469	A sensitive immunoblotting method for measuring protein synthesis initiation factor levels in lysates of Escherichia coli.. <b>1981</b> , 256, 12836-12839	136
468	Purification of a phosphoinositide-specific phospholipase C from bovine brain.. <b>1987</b> , 262, 12526-12532	78
467	Control of glycoprotein synthesis. Purification of UDP-N-acetylglucosamine:alpha-D-mannoside beta 1-2 N-acetylglucosaminyltransferase II from rat liver.. <b>1987</b> , 262, 5775-5783	79
466	The human interferon-gamma receptor. Purification, characterization, and preparation of antibodies.. <b>1987</b> , 262, 8483-8487	52
465	Cold-stable microtubules from Antarctic fishes contain unique alpha tubulins.. <b>1987</b> , 262, 8360-8366	32
464	Purification and characterization of cholesterol 7 alpha-hydroxylase from rat liver microsomes.. <b>1987</b> , 262, 7646-7650	61
463	The purification and preliminary characterization of UMP synthase from human placenta.. <b>1987</b> , 262, 15726-15733	22
462	Oxidation increases the proteolytic susceptibility of a localized region in rhodanese.. <b>1987</b> , 262, 14544-14548	20
461	Involvement of lactaldehyde dehydrogenase in several metabolic pathways of Escherichia coli K12.. <b>1987</b> , 262, 13991-13996	65



460	Purification and characterization of 2,5-diketo-D-gluconate reductase from <i>Corynebacterium</i> sp.. <b>1987</b> , 262, 9016-9020	30
459	The Cu(II)-repressible plastidic cytochrome c. Cloning and sequence of a complementary DNA for the pre-apoprotein.. <b>1987</b> , 262, 9062-9067	71
458	Transcription of <i>Rhizobium meliloti</i> nodulation genes. Identification of a nodD transcription initiation site in vitro and in vivo.. <b>1987</b> , 262, 6849-6855	37
457	The tetrameric structure of NF- $\mu$ NR provides a mechanism for cooperative binding to the immunoglobulin heavy chain $\mu$ enhancer.. <b>1992</b> , 267, 624-634	9
456	Olfactory adenylyl cyclase. <b>1989</b> , 264, 18803-18807	53
455	Structural dissection of the multidomain kininogens. Fine mapping of the target epitopes of antibodies interfering with their functional properties.. <b>1993</b> , 268, 9079-9091	46
454	Structural and functional organization of the surfactin synthetase multienzyme system.. <b>1993</b> , 268, 7678-7684	71
453	Identification and quantification of Gi-type GTP-binding proteins that copurify with a pituitary somatostatin receptor.. <b>1993</b> , 268, 5990-5996	36
452	Domains near ATP gamma phosphate in the catalytic site of H <sup>+</sup> -ATPase. Model proposed from mutagenesis and inhibitor studies.. <b>1993</b> , 268, 3156-3160	36
451	Identification of the sites of phosphorylation in insulin-like growth factor binding protein-1. Regulation of its affinity by phosphorylation of serine 101.. <b>1993</b> , 268, 1125-1131	69
450	Protein components of the nonactivated glucocorticoid receptor.. <b>1991</b> , 266, 24601-24605	59
449	Two additional common subunits, ABC10 alpha and ABC10 beta, are shared by yeast RNA polymerases.. <b>1991</b> , 266, 24092-24096	54
448	Mutations in Ser174 and the glycine-rich sequence (Gly149, Gly150, and Thr156) in the beta subunit of <i>Escherichia coli</i> H(+)-ATPase.. <b>1991</b> , 266, 16350-16355	53
447	Identification, purification, and characterization of major antigenic proteins of <i>Campylobacter jejuni</i> .. <b>1991</b> , 266, 16363-16369	91
446	Isolation of Aldosterone Synthase Cytochrome P-450 from Zona Glomerulosa Mitochondria of Rat Adrenal Cortex. <b>1989</b> , 264, 10935-10938	103
445	Purification of a skeletal muscle polypeptide which stimulates choline acetyltransferase activity in cultured spinal cord neurons.. <b>1988</b> , 263, 5890-5897	61
444	Purification of insulin-dependent exocytic vesicles containing the glucose transporter.. <b>1987</b> , 262, 11817-11824	43
443	Inhibition of the coated vesicle proton pump and labeling of a 17,000-dalton polypeptide by N,N'-dicyclohexylcarbodiimide.. <b>1987</b> , 262, 11006-11011	88

442	Hydrophobic properties of the beta 1 and beta 2 subunits of the rat brain sodium channel.. <b>1987</b> , 262, 11369-11374	23
441	Immunological identification of the synaptic plasma membrane Na <sup>+</sup> -Ca <sup>2+</sup> exchanger.. <b>1987</b> , 262, 10315-10320	29
440	A multiple-component, ATP-dependent protease from Escherichia coli.. <b>1987</b> , 262, 4477-4485	166
439	Further characterization of a conserved actin-binding 27-kDa fragment of actinogelin and alpha-actinins and mapping of their binding sites on the actin molecule by chemical cross-linking.. <b>1987</b> , 262, 4717-4723	64
438	Structure and biological relationships of Coxiella burnetii lipopolysaccharides.. <b>1987</b> , 262, 4740-4747	59
437	Purification and mechanism of activation of a nerve growth factor-sensitive S6 kinase from PC12 cells.. <b>1987</b> , 262, 2832-2844	70
436	A Mammalian Translation Initiation Factor Can Substitute for Its Yeast Homologue in Vivo. <b>1989</b> , 264, 12145-12147	87
435	Insulin-regulated Glucose Uptake in Rat Adipocytes Is Mediated by Two Transporter Isoforms Present in at Least Two Vesicle Populations. <b>1989</b> , 264, 12358-12363	210
434	Isolation and Characterization of a Glycosylated Form of Nerve Growth Factor in Mouse Submandibular Glands. <b>1989</b> , 264, 12502-12509	15
433	Novel Water Stress Protein from a Desiccation-tolerant Cyanobacterium. <b>1989</b> , 264, 12546-12553	70
432	Comparison of insulin-like growth factor I receptor and insulin receptor purified from human placental membranes.. <b>1986</b> , 261, 16727-16731	31
431	Regulation of rat liver 3-hydroxy-3-methylglutaryl coenzyme A synthase and the chromosomal localization of the human gene.. <b>1986</b> , 261, 16249-16255	52
430	The nucleotide and partial amino acid sequence of toxic shock syndrome toxin-1.. <b>1986</b> , 261, 15783-15786	97
429	Functional properties of rat brain sodium channels lacking the beta 1 or beta 2 subunit.. <b>1986</b> , 261, 14882-14890	96
428	Growth factors in bone matrix. Isolation of multiple types by affinity chromatography on heparin-Sepharose.. <b>1986</b> , 261, 12665-12674	620
427	The secY protein can act post-translationally to promote bacterial protein export.. <b>1986</b> , 261, 12907-12910	29
426	Stoichiometric analysis of the specific interaction of the glucocorticoid receptor with DNA.. <b>1986</b> , 261, 11770-11778	53
425	In addition to RNase H(70) two other proteins of Saccharomyces cerevisiae exhibit ribonuclease H activity.. <b>1988</b> , 263, 14970-14977	14

424	Purification and characterization of vitamin D 25-hydroxylase from rat liver mitochondria.. <b>1988</b> , 263, 14256-14260	55
423	Heparin-copper bioaffinity chromatography of fibroblast growth factors.. <b>1988</b> , 263, 9059-9062	33
422	Control of glycoprotein synthesis. Purification and characterization of rabbit liver UDP-N-acetylglucosamine:alpha-3-D-mannoside beta-1,2-N-acetylglucosaminyltransferase I.. <b>1988</b> , 263, 8270-8281	97
421	Purification and characterization of a family of high molecular weight surface-array proteins from <i>Campylobacter fetus</i> .. <b>1988</b> , 263, 6416-6420	58
420	Functional reassembly of the coated vesicle proton pump.. <b>1990</b> , 265, 14836-14841	53
419	Parathyroid hormone-induced alterations of protein content and phosphorylation in enriched apical membranes of opossum kidney cells.. <b>1990</b> , 265, 15261-15266	11
418	Changes in the core of the mammalian-pyruvate dehydrogenase complex upon selective removal of the lipoyl domain from the transacetylase component but not from the protein X component.. <b>1990</b> , 265, 14512-14517	41
417	Antagonistic effects of chronic low frequency stimulation and thyroid hormone on myosin expression in rat fast-twitch muscle.. <b>1990</b> , 265, 13974-13980	89
416	Purification of a Hepatic S6 Kinase from Cycloheximide-treated Rats. <b>1989</b> , 264, 13825-13833	104
415	A tumor necrosis factor-binding protein purified to homogeneity from human urine protects cells from tumor necrosis factor toxicity. <b>1989</b> , 264, 11974-11980	294
414	Purification and Characterization of Transcription Factor III C2. <b>1989</b> , 264, 10726-10731	68
413	Purification and characterization of a protein-phosphotyrosine phosphatase from rat spleen which dephosphorylates and inactivates a tyrosine-specific protein kinase. <b>1989</b> , 264, 7801-7808	29
412	Topology and neighbor analysis of the photosynthetic reaction center from <i>Rhodospseudomonas sphaeroides</i> .. <b>1985</b> , 260, 6932-6937	10
411	DNA primase-DNA polymerase alpha from simian cells. Modulation of RNA primer synthesis by ribonucleoside triphosphates.. <b>1985</b> , 260, 6254-6263	38
410	Ion dependence of the <i>Bacillus subtilis</i> RNase P reaction.. <b>1985</b> , 260, 5415-5419	94
409	Purification and enzymatic characterization of CMP-sialic acid: beta-galactosyl1----3-N-acetylgalactosaminide alpha 2----3-sialyltransferase from human placenta.. <b>1985</b> , 260, 4941-4951	63
408	Purification of cartilage-derived growth factor by heparin affinity chromatography.. <b>1985</b> , 260, 2399-2403	88
407	Structure function studies on phytochrome. Identification of light-induced conformational changes in 124-kDa <i>Avena</i> phytochrome in vitro.. <b>1985</b> , 260, 2415-2423	87

406	Acetylcholinesterase: inhibition by tetranitromethane and arsenite. Binding of arsenite by tyrosine residues.. <b>1985</b> , 260, 1475-1478	21
405	RNA capping by the vaccinia virus guanylyltransferase. Structure of enzyme-guanylate intermediate.. <b>1984</b> , 259, 13488-13494	30
404	Multiple forms of vitamin D-dependent calcium-binding protein in rat kidney.. <b>1984</b> , 259, 12691-12695	9
403	The ribonucleoprotein substrate for a ribosomal RNA-processing nuclease.. <b>1984</b> , 259, 11448-11453	31
402	The catalytic element of a ribosomal RNA-processing complex.. <b>1984</b> , 259, 11454-11458	19
401	Heterogeneity of contractile proteins. Purification and characterization of two species of troponin T from rabbit fast skeletal muscle.. <b>1984</b> , 259, 10369-10375	32
400	Antigenic determinants shared by lysosomal proteins of Dictyostelium discoideum. Characterization using monoclonal antibodies and isolation of mutations affecting the determinant.. <b>1984</b> , 259, 10633-10640	54
399	Characterization of proteinase-3 (PR-3), a neutrophil serine proteinase. Structural and functional properties. <b>1991</b> , 266, 9540-9548	228
398	Subunit Associations in the Mammalian Pyruvate Dehydrogenase Complex. <b>1989</b> , 264, 2221-2227	46
397	Purification of Human Transcription Factor IIIA and Its Interaction with a Chemically Synthesized Gene Encoding Human 5 S rRNA. <b>1989</b> , 264, 1702-1709	28
396	Purification of a Vanadate-sensitive ATPase from Clathrin-coated Vesicles of Bovine Brain. <b>1989</b> , 264, 1710-1714	34
395	Purification of an active opioid-binding protein from bovine striatum.. <b>1985</b> , 260, 15117-15121	77
394	The coated vesicle vacuolar (H <sup>+</sup> )-ATPase associates with and is phosphorylated by the 50-kDa polypeptide of the clathrin assembly protein AP-2. <b>1993</b> , 268, 9184-9186	53
393	Characterization of phosphatidylinositol-specific phospholipase C from cultured vascular smooth muscle cells. <b>1991</b> , 266, 15498-15504	75
392	Deletion of the first 45 NH <sub>2</sub> -terminal residues of rabbit skeletal troponin T strengthens binding of troponin to immobilized tropomyosin. <b>1991</b> , 266, 12432-12438	51
391	Aldosterone synthase cytochrome P-450 expressed in the adrenals of patients with primary aldosteronism. <b>1991</b> , 266, 10731-10734	98
390	Overproduction and purification of a functional Na <sup>+</sup> /H <sup>+</sup> antiporter coded by nhaA (ant) from Escherichia coli. <b>1991</b> , 266, 11289-11294	216
389	A brain-specific Ca <sup>2+</sup> /calmodulin-dependent protein kinase (CaM kinase-Gr) is regulated by autophosphorylation. Relevance to neuronal Ca <sup>2+</sup> signaling. <b>1991</b> , 266, 11309-11316	39

388	Purification and Characterization of a DNA-pairing and Strand Transfer Activity from Mitotic <i>Saccharomyces cerevisiae</i> . <b>1989</b> , 264, 21403-21412	41
387	H(+)-ATPase gamma subunit of <i>Escherichia coli</i> . Role of the conserved carboxyl-terminal region.. <b>1990</b> , 265, 5043-5048	64
386	Purification and reconstitution of active chloroplast F0.. <b>1990</b> , 265, 5104-5109	18
385	Purification and characterization of 7 alpha-hydroxy-4-cholesten-3-one 12 alpha-hydroxylase.. <b>1992</b> , 267, 21319-21323	21
384	Reconstitution of superoxide-forming NADPH oxidase activity with cytochrome b558 purified from porcine neutrophils. Requirement of a membrane-bound flavin enzyme for reconstitution of activity.. <b>1992</b> , 267, 18695-18701	33
383	Red 25, a protein that binds specifically to the sterol regulatory region in the promoter for 3-hydroxy-3-methylglutaryl-coenzyme A reductase.. <b>1992</b> , 267, 18973-18982	38
382	Increase of the DNA strand assimilation activity of recA protein by removal of the C terminus and structure-function studies of the resulting protein fragment.. <b>1988</b> , 263, 15513-15520	54
381	Chromatographic purification of the chloroplast ATP synthase (CF0-CF1) and the role of CF0 subunit IV in proton conduction.. <b>1990</b> , 265, 12474-12480	13
380	Subunit interactions within the chloroplast ATP synthase (CF0-CF1) as deduced by specific depletion of CF0 polypeptides.. <b>1990</b> , 265, 12481-12485	11
379	High molecular weight kininogen-binding site of prekallikrein probed by monoclonal antibodies.. <b>1990</b> , 265, 12005-12011	24
378	Chick cartilage chondroitin sulfate proteoglycan core protein. I. Generation and characterization of peptides and specificity for glycosaminoglycan attachment.. <b>1990</b> , 265, 12075-12087	46
377	Poly(gamma-glutamic acid)s are the major constituents of nematocysts in Hydra (Hydrozoa, Cnidaria).. <b>1990</b> , 265, 9664-9669	91
376	Purification and characterization of urease from <i>Helicobacter pylori</i> .. <b>1990</b> , 265, 9464-9469	244
375	Purification and properties of acyl/alkyl dihydroxyacetone-phosphate reductase from guinea pig liver peroxisomes.. <b>1990</b> , 265, 8268-8274	38
374	A polypeptide factor produced by fibrosarcoma cells that induces endothelial tissue factor and enhances the procoagulant response to tumor necrosis factor/cachectin.. <b>1990</b> , 265, 7078-7083	51
373	Selective inhibition of integrin function by antibodies specific for ligand-occupied receptor conformers.. <b>1990</b> , 265, 6346-6352	232
372	Binding and inhibition studies on lipocortins using phosphatidylcholine vesicles and phospholipase A2 from snake venom, pancreas, and a macrophage-like cell line.. <b>1990</b> , 265, 5602-5609	49
371	Identification and purification of a functional amine transporter from bovine chromaffin granules.. <b>1990</b> , 265, 3961-3966	41

370	Purification of the glutamyl-tRNA reductase from <i>Chlamydomonas reinhardtii</i> involved in delta-aminolevulinic acid formation during chlorophyll biosynthesis.. <b>1990</b> , 265, 4058-4063	50
369	Protein-protein contacts in the glucocorticoid receptor homodimer influence its DNA binding properties.. <b>1990</b> , 265, 3535-3542	58
368	Proteolysis and orientation on reconstitution of the coated vesicle proton pump.. <b>1990</b> , 265, 960-966	55
367	The saxitoxin receptor of the sodium channel from rat brain. Evidence for two nonidentical beta subunits.. <b>1982</b> , 257, 13888-13891	104
366	Purification of 18- and 22-kDa Forms of Basic Fibroblast Growth Factor from Rat Cells Transformed by the ras Oncogene. <b>1989</b> , 264, 19951-19955	36
365	Sequence of the D-aspartyl/L-isoaspartyl protein methyltransferase from human erythrocytes. <b>1989</b> , 264, 20131-20139	188
364	Purification and characterization of the vacuolating toxin from <i>Helicobacter pylori</i> .. <b>1992</b> , 267, 10570-10575	481
363	A thiocyanate hydrolase of <i>Thiobacillus thioparus</i> . A novel enzyme catalyzing the formation of carbonyl sulfide from thiocyanate.. <b>1992</b> , 267, 9170-9175	95
362	Immunopurified 25-hydroxyvitamin D 1 alpha-hydroxylase and 1,25-dihydroxyvitamin D 24-hydroxylase are closely related but distinct enzymes.. <b>1992</b> , 267, 3498-3505	23
361	Purification of insulin-like growth factor I receptor from human placental membranes.. <b>1986</b> , 261, 7685-7689	33
360	Isolation and characterization of myosin from amoebae of <i>Physarum polycephalum</i> .. <b>1986</b> , 261, 8022-8027	16
359	Multiple forms and cellular localization of <i>Drosophila</i> DNA topoisomerase II.. <b>1986</b> , 261, 8063-8069	33
358	Translocation of nascent non-signal sequence protein in heated <i>Escherichia coli</i> .. <b>1986</b> , 261, 8070-8075	19
357	Localization of the high affinity calcium-binding site on tubulin molecule.. <b>1986</b> , 261, 7076-7081	60
356	Purification and characterization of ribosomal protein S6 kinase I from <i>Xenopus</i> eggs.. <b>1991</b> , 266, 5249-5255	32
355	Evidence that viral transforming gene products and epidermal growth factor stimulate phosphorylation of the same cellular protein with similar specificity.. <b>1981</b> , 256, 11381-11384	80
354	Purification and reconstitution of functional lactose carrier from <i>Escherichia coli</i> .. <b>1981</b> , 256, 11804-11808	240
353	Purification of the Tn3 transposase and analysis of its binding to DNA.. <b>1981</b> , 256, 4687-4690	17

352	The overall synthesis of L-5,6-dihydroorotate by multienzymatic protein pyr1-3 from hamster cells. Kinetic studies, substrate channeling, and the effects of inhibitors.. <b>1980</b> , 255, 11381-11395	55
351	Purification and characterization of a GTP-pyrophosphate exchange activity from vaccinia virions. Association of the GTP-pyrophosphate exchange activity with vaccinia mRNA guanylyltransferase . RNA (guanine-7-)methyltransferase complex (capping enzyme).. <b>1980</b> , 255, 11588-11598	93
350	Partial activation of the pyruvate dehydrogenase kinase by the lipoyl domain region of E2 and interchange of the kinase between lipoyl domain regions.. <b>1993</b> , 268, 26135-26143	16
349	Clathrin light chains are calcium-binding proteins.. <b>1987</b> , 262, 25-28	32
348	Plasma membrane association, purification, and partial characterization of mouse sperm beta 1,4-galactosyltransferase.. <b>1988</b> , 263, 17706-17714	80
347	Purification and characterization of 5 beta-cholestane-3 alpha,7 alpha,12 alpha-triol 27-hydroxylase from female rat liver mitochondria.. <b>1988</b> , 263, 18138-18142	39
346	An unusual cysteine-containing histone H1-like protein and two protamine-like proteins are the major nuclear proteins of the sperm of the bivalve mollusc <i>Macoma nasuta</i> .. <b>1988</b> , 263, 10141-10150	29
345	Purification and characterization of chalcone isomerase from soybeans.. <b>1988</b> , 263, 9582-9588	66
344	Purification and characterization of a lysophospholipase from a macrophage-like cell line P388D1.. <b>1988</b> , 263, 9965-9972	43
343	Aldose reductase from human psoas muscle. <b>1989</b> , 264, 2906-2911	42
342	The structure of human platelet thrombospondin.. <b>1985</b> , 260, 3762-3772	153
341	Purification of the intermediate filament protein vimentin from Ehrlich ascites tumor cells.. <b>1982</b> , 257, 5536-5543	27
340	Purification and further characterization of the Ca <sup>2+</sup> -activated proteinase specific for the intermediate filament proteins vimentin and desmin.. <b>1982</b> , 257, 5544-5553	111
339	The biogenesis and regulation of yeast mitochondria RNA polymerase.. <b>1982</b> , 257, 5800-5808	16
338	Properties of the pyruvate dehydrogenase kinase bound to and separated from the dihydrolipoyl transacetylase-protein X subcomplex and evidence for binding of the kinase to protein X.. <b>1986</b> , 261, 6515-6523	26
337	Chicken and <i>Xenopus</i> Mannose 6-Phosphate Receptors Fail to Bind Insulin-like Growth Factor II. <b>1989</b> , 264, 16390-16392	97
336	The Ryanodine Receptor-Ca <sup>2+</sup> Release Channel Complex of Skeletal Muscle Sarcoplasmic Reticulum. <b>1989</b> , 264, 16776-16785	157
335	Purification and Characterization of a 40 S Ribosomal Protein S6 Kinase from Vanadate-stimulated Swiss 3T3 Cells. <b>1989</b> , 264, 1293-1297	55

- 334 Structural and Functional Characterization of the Purified Cardiac Ryanodine Receptor-Ca<sup>2+</sup> Release Channel Complex. **1989**, 264, 1329-1335 151
- 333 The sodium channel from rat brain. Separation and characterization of subunits.. **1985**, 260, 10597-10604 128
- 332 Binding of plasminogen activator inhibitor type-1 to extracellular matrix of Hep G2 cells.. **1991**, 266, 4334-4340 27
- 331 Purification of a 92-kDa cytoplasmic protein tightly associated with the cell-cell adhesion molecule E-cadherin (uvomorulin). **1991**, 266, 4514-4520 134
- 330 Quantitation of myosin light chain phosphorylation in small tissue samples.. **1982**, 257, 6137-6144 50
- 329 Regulation of myosin light chain and phosphorylase phosphorylation in tracheal smooth muscle.. **1982**, 257, 6145-6150 110
- 328 Purification and characterization of the m7G(5')pppN-pyrophosphatase from human placenta.. **1982**, 257, 6224-6230 6
- 327 Heterogeneity of contractile proteins. A continuum of troponin-tropomyosin expression in mammalian skeletal muscle.. **1985**, 260, 1108-1113 67
- 326 Cytoskeletal calmodulin-dependent protein kinase. Characterization, solubilization, and purification from rat brain.. **1985**, 260, 1230-1237 65
- 325 Heparan sulfate proteoglycans from mouse mammary epithelial cells. Basal extracellular proteoglycan binds specifically to native type I collagen fibrils.. **1984**, 259, 11763-11770 75
- 324 Characterization of the structural and functional defect in the Escherichia coli single-stranded DNA binding protein encoded by the ssb-1 mutant gene. Expression of the ssb-1 gene under lambda pL regulation.. **1984**, 259, 11804-11811 68
- 323 Different effects of tubulin ligands on the intrachain cross-linking of beta 1-tubulin.. **1984**, 259, 12063-12071 51
- 322 Isolation and characterization of an intracellular serine proteinase inhibitor from a monkey kidney epithelial cell line.. **1993**, 268, 21560-21568 24
- 321 Double strand DNA cleavage by type II DNA topoisomerase from Drosophila melanogaster.. **1983**, 258, 8421-8428 186
- 320 Reconstitution and partial purification of several Na<sup>+</sup> cotransport systems from renal brush-border membranes. Properties of the L-glutamate transporter in proteoliposomes.. **1984**, 259, 6548-6558 49
- 319 Glycosylation structure and enzyme activity of lecithin:cholesterol acyltransferase from human plasma, HepG2 cells, and baculoviral and Chinese hamster ovary cell expression systems. **1996**, 37, 551-561 24
- 318 Immunocytochemical localization of the functional fraction of lipoprotein lipase in the perfused heart.. **1983**, 24, 512-521 32
- 317 The effect of cholestyramine and Mevinolin on the diurnal cycle of rat hepatic 3-hydroxy-3-methylglutaryl coenzyme A reductase. **1982**, 23, 1026-1031 50



316	Purification of 3-hydroxy-3-methylglutaryl coenzyme A reductase from human liver.. <b>1982</b> , 23, 523-530	14
315	Protein heterogeneity of lipoprotein particles containing apolipoprotein A-I without apolipoprotein A-II and apolipoprotein A-I with apolipoprotein A-II isolated from human plasma.. <b>1988</b> , 29, 1557-1571	81
314	Silver-enhanced radial immunodiffusion assay of plasma apolipoproteins.. <b>1992</b> , 33, 1073-1078	18
313	Oxidation-labile subfraction of human plasma low density lipoprotein isolated by ion-exchange chromatography. <b>1991</b> , 32, 763-774	51
312	Activity of the sex-determining gene tra-2 is modulated to allow spermatogenesis in the <i>C. elegans</i> hermaphrodite. <b>1986</b> , 114, 53-76	95
311	Molecular analysis of the maize wx-B3 allele indicates that precise excision of the transposable Ac element is rare. <b>1992</b> , 130, 377-84	20
310	Effects of Protein Kinase C Modulators on Multidrug Resistance in Human Glioma Cells. <b>1995</b> , 36, 565-572	4
309	Intracellular Calcium, Myosin Light Chain Phosphorylation, and Contractile Force in Experimental Cerebral Vasospasm. <b>1996</b> , 781-788	9
308	Ethylene mitigates waterlogging stress by regulating glutathione biosynthesis-related transcripts in soybeans.	6
307	On the post-translational modification at the C-terminal domain of the major cysteine proteinase (cruzipain) from <i>Trypanosoma cruzi</i> . <b>1992</b> , 100, 411-416	9
306	AMPK activation increases uncoupling protein-3 expression and mitochondrial enzyme activities in rat muscle without fibre type transitions. <b>2003</b> , 551, 169-78	82
305	Production of polyhedrin monoclonal antibodies for distinguishing two <i>Orgyia pseudotsugata</i> baculoviruses. <b>1984</b> , 48, 732-6	20
304	Production and Use of Monoclonal Antibodies for Identification of Strains of <i>Rhizobium trifolii</i> . <b>1986</b> , 52, 119-23	28
303	Thirteen Virulent and Temperate Bacteriophages of <i>Lactobacillus bulgaricus</i> and <i>Lactobacillus lactis</i> Belong to a Single DNA Homology Group. <b>1986</b> , 52, 812-8	56
302	Freeze-Thawing of <i>Aquaspirillum magnetotacticum</i> Cells Selectively Releases Periplasmic Proteins. <b>1987</b> , 53, 2590-2	8
301	Isolation and Characterization of a Bacteriophage Lytic for <i>Desulfovibrio salexigens</i> , a Salt-Requiring, Sulfate-Reducing Bacterium. <b>1989</b> , 55, 645-8	13
300	Taxonomic differentiation of 101 lactococcal bacteriophages and characterization of bacteriophages with unusually large genomes. <b>1990</b> , 56, 2180-5	58
299	Fractionation of cellulases from the ruminal fungus <i>Neocallimastix frontalis</i> EB188. <b>1991</b> , 57, 3331-6	22

298	Expression of Proteins and Glycoproteins Encoded by the Haploid Nuclei in the Dikaryotic State in the Basidiomycete <i>Agrocybe aegerita</i> . <b>1991</b> , 57, 2714-23	3
297	Characterization of <i>Lactococcus lactis</i> phage antigens. <b>1992</b> , 58, 2479-84	9
296	Genetic and Biochemical Characterization of <i>Nectria haematococca</i> Strains with Adhesive and Adhesion-Reduced Macroconidia. <b>1994</b> , 60, 524-30	15
295	Identification of the active precipitin components in a purified preparation of the A antigen of <i>Blastomyces dermatitidis</i> . <b>1981</b> , 33, 171-7	13
294	Effects of a phagocytosis-stimulating factor on the phagocytic process of polymorphonuclear neutrophils. <b>1982</b> , 38, 825-33	9
293	Isolation, purification, and partial characterization of <i>Brucella abortus</i> matrix protein. <b>1983</b> , 39, 394-402	24
292	Reacquisition of specific proteins confers virulence in <i>Mycoplasma pneumoniae</i> . <b>1983</b> , 39, 830-6	67
291	Identification and characterization of <i>Campylobacter jejuni</i> outer membrane proteins. <b>1983</b> , 42, 276-84	119
290	Aggregation of <i>Streptococcus sanguis</i> by a neuraminidase-sensitive component of serum and crevicular fluid. <b>1983</b> , 42, 1073-80	11
289	Biochemical and immunological differences between hydrophobic and hydrophilic strains of <i>Streptococcus mutans</i> . <b>1984</b> , 44, 68-75	99
288	Human serum antibody response to <i>Campylobacter jejuni</i> infection as measured in an enzyme-linked immunosorbent assay. <b>1984</b> , 44, 292-8	122
287	Fractionation of hemagglutinating and bacterial binding adhesins of <i>Bacteroides gingivalis</i> . <b>1984</b> , 45, 403-9	110
286	Flagella of <i>Salmonella typhimurium</i> are a virulence factor in infected C57BL/6J mice. <b>1984</b> , 46, 814-8	81
285	Purification and characteristics of the streptococcal chemotactic factor inactivator. <b>1985</b> , 50, 757-64	28
284	Immunochemical and biochemical analysis of the polyvalent <i>Pseudomonas aeruginosa</i> vaccine PEV. <b>1986</b> , 51, 675-86	25
283	Physiological effects of a bactericidal protein from human polymorphonuclear leukocytes on <i>Pseudomonas aeruginosa</i> . <b>1986</b> , 52, 90-5	24
282	Characterization of a protein from normal human polymorphonuclear leukocytes with bactericidal activity against <i>Pseudomonas aeruginosa</i> . <b>1986</b> , 54, 142-8	27
281	Sialic acid of group B <i>Neisseria meningitidis</i> regulates alternative complement pathway activation. <b>1987</b> , 55, 174-80	130

280	Purification and characterization of levanase from <i>Actinomyces viscosus</i> ATCC 19246. <b>1987</b> , 55, 3001-5	15
279	Isolation and characterization of spontaneous avirulent variants of <i>Histoplasma capsulatum</i> . <b>1987</b> , 55, 528-33	56
278	Purification of <i>Pseudomonas aeruginosa</i> exoenzyme S. <b>1987</b> , 55, 579-86	28
277	Conservation and diversity of <i>Campylobacter pyloridis</i> major antigens. <b>1987</b> , 55, 1256-63	121
276	Two-dimensional gel electrophoresis and immunoblotting of <i>Campylobacter</i> outer membrane proteins. <b>1987</b> , 55, 1564-72	39
275	Damage of the outer membrane of enteric gram-negative bacteria by lactoferrin and transferrin. <b>1988</b> , 56, 2774-81	363
274	Protective role of magnesium in the neutralization by antibodies of <i>Chlamydia trachomatis</i> infectivity. <b>1988</b> , 56, 885-91	65
273	Identification and characterization of the human lactoferrin-binding protein from <i>Neisseria meningitidis</i> . <b>1988</b> , 56, 1144-9	175
272	Cloning of a <i>Streptococcus sanguis</i> adhesin which mediates binding to saliva-coated hydroxyapatite. <b>1988</b> , 56, 1150-7	63
271	CS31A, a new K88-related fimbrial antigen on bovine enterotoxigenic and septicemic <i>Escherichia coli</i> strains. <b>1988</b> , 56, 2180-8	87
270	Identification of antigens recognized by T cells in human leishmaniasis: analysis of T-cell clones by immunoblotting. <b>1989</b> , 57, 2971-6	24
269	Expression of pertussis toxin in <i>Bordetella bronchiseptica</i> and <i>Bordetella parapertussis</i> carrying recombinant plasmids. <b>1989</b> , 57, 1413-8	12
268	Comparative analyses of proteins extracted by hot saline or released spontaneously into outer membrane blebs from field strains of <i>Brucella ovis</i> and <i>Brucella melitensis</i> . <b>1989</b> , 57, 1419-26	70
267	Disulfide-linked protein associated with <i>Mycoplasma pneumoniae</i> cytoadherence phase variation. <b>1990</b> , 58, 3430-3	22
266	Characterization of and human serologic response to proteins in <i>Helicobacter pylori</i> broth culture supernatants with vacuolizing cytotoxin activity. <b>1990</b> , 58, 603-10	347
265	Surface antigens from <i>Escherichia coli</i> O2 and O78 strains of avian origin. <b>1990</b> , 58, 740-5	35
264	Infection of adult Syrian hamsters with flagellar variants of <i>Campylobacter jejuni</i> . <b>1990</b> , 58, 2214-9	42
263	N-linked oligosaccharides of human transferrin are not required for binding to bacterial transferrin receptors. <b>1990</b> , 58, 2972-6	36

262	Comparison of granule proteins from human polymorphonuclear leukocytes which are bactericidal toward <i>Pseudomonas aeruginosa</i> . <b>1991</b> , 59, 4193-200	24
261	Induction of a putative laminin-binding protein of <i>Streptococcus gordonii</i> in human infective endocarditis. <b>1992</b> , 60, 360-5	41
260	Isolation of an outer membrane hemin-binding protein of <i>Haemophilus influenzae</i> type b. <b>1992</b> , 60, 810-6	52
259	Characteristics of <i>Helicobacter pylori</i> variants selected for urease deficiency. <b>1992</b> , 60, 3658-63	67
258	Heterogeneity of the purified extracellular aspartyl proteinase from <i>Candida albicans</i> : characterization with monoclonal antibodies and N-terminal amino acid sequence analysis. <b>1993</b> , 61, 2030-6	29
257	Humoral immune response to plasmid protein pgp3 in patients with <i>Chlamydia trachomatis</i> infection. <b>1994</b> , 62, 5491-7	45
256	Acquisition of heme iron by <i>Neisseria meningitidis</i> does not involve meningococcal transferrin-binding proteins. <b>1994</b> , 62, 700-3	7
255	Nucleotide sequence of a <i>Porphyromonas gingivalis</i> gene encoding a surface-associated glutamate dehydrogenase and construction of a glutamate dehydrogenase-deficient isogenic mutant. <b>1994</b> , 62, 1358-68	25
254	Bactericidal activity of synthetic peptides based on the structure of the 55-kilodalton bactericidal protein from human neutrophils. <b>1994</b> , 62, 2732-9	19
253	Identification of a possible cytoadherence regulatory locus in <i>Mycoplasma pneumoniae</i> . <b>1995</b> , 63, 3479-83	34
252	Characterization of 20K fimbria, a new adhesin of septicemic and diarrhea-associated <i>Escherichia coli</i> strains, that belongs to a family of adhesins with N-acetyl-D-glucosamine recognition. <b>1996</b> , 64, 332-42	35
251	Proteins in the cell wall and membrane of <i>Cryptococcus neoformans</i> stimulate lymphocytes from both adults and fetal cord blood to proliferate. <b>1996</b> , 64, 4811-9	22
250	Calcium dependence and binding in cultures of <i>Histoplasma capsulatum</i> . <b>1997</b> , 65, 5257-61	37
249	A monoclonal antibody directed against the 97-kilodalton gonococcal hemin-binding protein inhibits hemin utilization by <i>Neisseria gonorrhoeae</i> . <b>1997</b> , 65, 2970-4	10
248	Mutation in the <i>peb1A</i> locus of <i>Campylobacter jejuni</i> reduces interactions with epithelial cells and intestinal colonization of mice. <b>1998</b> , 66, 938-43	150
247	Characterization of the <i>Escherichia coli</i> AF/R1 pilus operon: novel genes necessary for transcriptional regulation and for pilus-mediated adherence. <b>1999</b> , 67, 2292-8	20
246	Phospholipase C regulatory mutation of <i>Pseudomonas aeruginosa</i> that results in constitutive synthesis of several phosphate-repressible proteins. <b>1982</b> , 150, 1221-6	24
245	Molecular characterization of three chloramphenicol acetyltransferases isolated from <i>Haemophilus influenzae</i> . <b>1982</b> , 151, 737-41	14

244	Periplasmic enzymes in <i>Bdellovibrio bacteriovorus</i> and <i>Bdellovibrio stolpii</i> . <b>1982</b> , 151, 756-63	10
243	Effect of the lambda S gene product on properties of the <i>Escherichia coli</i> inner membrane. <b>1982</b> , 151, 1403-10	40
242	Phospholipase C (heat-labile hemolysin) of <i>Pseudomonas aeruginosa</i> : purification and preliminary characterization. <b>1982</b> , 152, 239-45	94
241	Cloning of a phosphate-regulated hemolysin gene (phospholipase C) from <i>Pseudomonas aeruginosa</i> . <b>1982</b> , 152, 431-40	49
240	<i>Rhizobium japonicum</i> mutants defective in symbiotic nitrogen fixation. <b>1982</b> , 152, 485-94	41
239	Generation and release of DNA-binding vesicles by <i>Haemophilus influenzae</i> during induction and loss of competence. <b>1982</b> , 152, 855-64	49
238	A second function of the S gene of bacteriophage lambda. <b>1982</b> , 152, 1091-5	17
237	Isolation and characterization of the <i>Salmonella typhimurium</i> LT2 xylose regulon. <b>1984</b> , 157, 158-64	18
236	Delta endotoxin of <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> . <b>1985</b> , 161, 39-46	95
235	Molecular cloning of an ornithine-activating fragment of the gramicidin S synthetase 2 gene from <i>Bacillus brevis</i> and its expression in <i>Escherichia coli</i> . <b>1985</b> , 162, 1120-5	44
234	Cell surface components of <i>Streptococcus sanguis</i> : relationship to aggregation, adherence, and hydrophobicity. <b>1985</b> , 164, 255-62	43
233	Purification, characterization, and immunological properties of fumarase from <i>Euglena gracilis</i> var. <i>bacillaris</i> . <b>1985</b> , 164, 762-8	36
232	Gene for spiralin, the major membrane protein of the helical mollicute <i>Spiroplasma citri</i> : cloning and expression in <i>Escherichia coli</i> . <b>1985</b> , 164, 1094-9	30
231	Identification and complementation of frameshift mutations associated with loss of cytoadherence in <i>Mycoplasma pneumoniae</i> . <b>1999</b> , 181, 4404-10	38
230	Rapid purification and properties of betaine aldehyde dehydrogenase from <i>Pseudomonas aeruginosa</i> . <b>1999</b> , 181, 1292-300	45
229	Rapid diagnosis of rotavirus infection by direct detection of viral nucleic acid in silver-stained polyacrylamide gels. <b>1982</b> , 16, 473-7	594
228	Characterization of " <i>Campylobacter pyloridis</i> " by culture, enzymatic profile, and protein content. <b>1985</b> , 22, 1007-10	139
227	Potential virulence-associated factors in Brazilian purpuric fever. Brazilian Purpuric Fever Study Group. <b>1989</b> , 27, 609-14	26

226	Prospective study of <i>Campylobacter jejuni</i> infection in Chilean infants evaluated by culture and serology. <b>1989</b> , 27, 1040-4	20
225	Isolation, characterization, and host-cell-binding properties of a cytotoxin from <i>Campylobacter jejuni</i> . <b>1990</b> , 28, 1314-20	24
224	Biochemical properties of the outer membrane of <i>Treponema denticola</i> . <b>1991</b> , 29, 1397-406	25
223	Characterization of an immunoreactive species-specific 19-kilodalton outer membrane protein from <i>Helicobacter pylori</i> by using a monoclonal antibody. <b>1991</b> , 29, 1620-4	21
222	Purification, characterization, and seroactivity of a 20-kilodalton <i>Brucella</i> protein antigen. <b>1992</b> , 30, 2662-7	15
221	Serological studies of antigenic similarity between Japanese spotted fever rickettsiae and Weil-Felix test antigens. <b>1992</b> , 30, 2441-6	21
220	Clonal relationships among <i>Escherichia coli</i> serogroup O78 isolates from human and animal infections. <b>1994</b> , 32, 1197-202	31
219	Evidence the pp60src, the product of the Rous sarcoma virus src gene, undergoes autophosphorylation. <b>1982</b> , 41, 1-7	53
218	Further characterization of a protein kinase from foot-and-mouth disease virus. <b>1982</b> , 44, 1102-5	3
217	Fine-structure analyses of lipid-protein and protein-protein interactions of gag protein p19 of the avian sarcoma and leukemia viruses by cyanogen bromide mapping. <b>1984</b> , 52, 145-53	39
216	Persistence of echovirus 6 in cloned human cells. <b>1985</b> , 54, 219-23	34
215	Isolation and characterization of the bacteriophage T4 tail-associated lysozyme. <b>1985</b> , 54, 460-6	66
214	Nucleoprotein complexes of minute virus of mice have a distinct structure different from that of chromatin. <b>1986</b> , 58, 817-24	12
213	Regulation of expression of the wound tumor virus genome in persistently infected vector cells is related to change in translational activity of viral transcripts. <b>1986</b> , 59, 195-202	12
212	Specific interaction of simian virus 40 large T antigen with cellular chromatin and nuclear matrix during the course of infection. <b>1987</b> , 61, 3561-9	39
211	Structural characteristics of the <i>Corynebacterium lilium</i> bacteriophage CL31. <b>1987</b> , 61, 1540-5	12
210	Antigenic site II of the rabies virus glycoprotein: structure and role in viral virulence. <b>1988</b> , 62, 1-7	144
209	Analysis of the structural polypeptides of a porcine group C rotavirus. <b>1988</b> , 62, 2183-5	28

208	Steady-state infection by echovirus 6 associated with nonlytic viral RNA and an unprocessed capsid polypeptide. <b>1989</b> , 63, 5268-75	13
207	Evidence of mitochondrial involvement in scrapie infection. <b>1989</b> , 63, 1686-94	40
206	RNA-binding properties of the matrix protein (p19gag) of avian sarcoma and leukemia viruses. <b>1990</b> , 64, 847-55	39
205	Assembly of empty capsids by using baculovirus recombinants expressing human parvovirus B19 structural proteins. <b>1991</b> , 65, 2702-6	105
204	Cooperative assembly of simian virus 40 T-antigen hexamers on functional halves of the replication origin. <b>1991</b> , 65, 2798-806	82
203	The zinc finger region of simian virus 40 large T antigen is needed for hexamer assembly and origin melting. <b>1991</b> , 65, 3167-74	39
202	Intracellular posttranslational modifications of S1133 avian reovirus proteins. <b>1996</b> , 70, 2974-81	39
201	Multiple cytokines stimulate the binding of a common 145-kilodalton protein to Shc at the Grb2 recognition site of Shc. <b>1994</b> , 14, 6926-6935	49
200	p53 domains: structure, oligomerization, and transformation. <b>1994</b> , 14, 5182-5191	55
199	Quantitation and intracellular localization of the 85K heat shock protein by using monoclonal and polyclonal antibodies. <b>1984</b> , 4, 2802-2810	66
198	Regulation by copper of the expression of plastocyanin and cytochrome c552 in <i>Chlamydomonas reinhardi</i> . <b>1986</b> , 6, 462-469	84
197	mRNA cap-binding protein: cloning of the gene encoding protein synthesis initiation factor eIF-4E from <i>Saccharomyces cerevisiae</i> . <b>1987</b> , 7, 998-1003	56
196	Antibodies to <i>Xenopus</i> egg S6 kinase II recognize S6 kinase from progesterone- and insulin-stimulated <i>Xenopus</i> oocytes and from proliferating chicken embryo fibroblasts. <b>1987</b> , 7, 3147-3155	36
195	Purification and activation of the double-stranded RNA-dependent eIF-2 kinase DAI. <b>1989</b> , 9, 1576-1586	83
194	Molecular defect of spectrin in hereditary pyropoikilocytosis. Alterations in the trypsin-resistant domain involved in spectrin self-association. <b>1982</b> , 70, 1019-30	47
193	Recombinant immune interferon increases immunoglobulin G Fc receptors on cultured human mononuclear phagocytes. <b>1983</b> , 72, 393-7	332
192	Genetic regulation of a structural polymorphism of human C3b receptor. <b>1983</b> , 72, 685-93	115
191	Gamma interferon induces monocytoid differentiation in the HL-60 cell line. <b>1984</b> , 73, 1072-7	118

190	A molecular defect of spectrin in a subset of patients with hereditary elliptocytosis. Alterations in the alpha-subunit domain involved in spectrin self-association. <b>1984</b> , 73, 1688-95	34
189	Effective and fibrin-specific clot lysis by a zymogen precursor form of urokinase (pro-urokinase). A study in vitro and in two animal species. <b>1984</b> , 73, 1731-9	246
188	Amyloid fibril protein in familial amyloidotic polyneuropathy, Portuguese type. Definition of molecular abnormality in transthyretin (prealbumin). <b>1984</b> , 74, 104-19	350
187	Biochemical marker in familial amyloidotic polyneuropathy, Portuguese type. Family studies on the transthyretin (prealbumin)-methionine-30 variant. <b>1985</b> , 76, 2171-7	90
186	Hypobetalipoproteinemia with accumulation of an apoprotein B-like protein in intestinal cells. Immunoenzymatic and biochemical characterization of seven cases of Anderson's disease. <b>1986</b> , 78, 398-410	62
185	Isolation of multiple normal and functionally defective forms of uridine diphosphate-glucuronosyltransferase from inbred Gunn rats. <b>1987</b> , 79, 327-34	23
184	Purification and partial characterization of hepatocyte growth factor from plasma of a patient with fulminant hepatic failure. <b>1988</b> , 81, 414-9	519
183	Kniest dysplasia is characterized by an apparent abnormal processing of the C-propeptide of type II cartilage collagen resulting in imperfect fibril assembly. <b>1988</b> , 81, 579-89	49
182	Purification of a distinct placental lactogen receptor, a new member of the growth hormone/prolactin receptor family. <b>1989</b> , 83, 883-9	23
181	Profile of human T cell response to leishmanial antigens. Analysis by immunoblotting. <b>1989</b> , 83, 1868-75	43
180	Pathogenesis of <i>Campylobacter fetus</i> infections. Role of surface array proteins in virulence in a mouse model. <b>1990</b> , 85, 1036-43	68
179	Proteins Staining in Polyacrylamide Gels. <b>2005</b> , 439-452	2
178	Purification Issues. <b>2000</b> , 143-155	2
177	Effects of protein kinase C modulators on multidrug resistance in human glioma cells. <b>1995</b> , 36, 565-71; discussion 572	18
176	Vimentin expression in oocytes, eggs and early embryos of <i>Xenopus laevis</i> . <i>Development (Cambridge)</i> , <b>1988</b> , 103, 279-287	6.6 31
175	Activation of the Notch pathway in the hair cortex leads to aberrant differentiation of the adjacent hair-shaft layers. <i>Development (Cambridge)</i> , <b>2000</b> , 127, 2421-2432	6.6 74
174	Plasmodesmata of maize root tips: structure and composition. <b>1994</b> , 107, 3351-3361	70
173	Tenascin-R (J1 160/180) inhibits fibronectin-mediated cell adhesion--functional relatedness to tenascin-C. <b>1994</b> , 107, 2323-2333	45



172	Molecular analysis of a cytoplasmic dynein light intermediate chain reveals homology to a family of ATPases. <b>1995</b> , 108, 17-24	58
171	Analyses of cDNA and recombinant protein for a potent vasoactive protein in saliva of a blood-feeding black fly, <i>Simulium vittatum</i> .. <b>1998</b> , 201, 1553-1561	34
170	Identification of phosphoproteins as possible differentiation markers in all-trans-retinoic acid-treated neuroblastoma cells. <b>2011</b> , 6, e18254	18
169	Proteomic Analysis of the Effect of Korean Red Ginseng in the Striatum of a Parkinson's Disease Mouse Model. <b>2016</b> , 11, e0164906	19
168	Catabolism of caffeine and purification of a xanthine oxidase responsible for methyluric acids production in <i>Pseudomonas putida</i> L. <b>1999</b> , 30, 62-70	25
167	Ca <sup>2+</sup> -REGULATION OF VERTEBRATE SMOOTH MUSCLE THIN FILAMENTS MEDIATED BY AN 84 K Mr ACTIN-BINDING PROTEIN: PURIFICATION AND CHARACTERIZATION OF THE PROTEIN . <b>1985</b> , 6, 161-173	13
166	INCREASED DENSITY OF MITOCHONDRIA ISOLATED FROM THE SKELETAL MUSCLE OF A PATIENT WITH MITOCHONDRIAL MYOPATHY . <b>1988</b> , 9, 533-538	3
165	Simple detection of a yeast mitochondrial DNA-binding protein, Abf2p, on SDS-DNA gels. <b>2000</b> , 46, 311-316	14
164	Immunological characterization of antigens from <i>Cysticercus</i> and <i>sparganum</i> and their application to immunodiagnosis 1. Immunological characteristics of crude antigenic components from <i>Cysticercus cellulosae</i> . <b>1988</b> , 26, 245-254	6
163	[Immunohistochemical observation on the antigens inducing IgG and IgM antibodies against <i>sparganum</i> ]. <b>1991</b> , 29, 339-53	5
162	Purification and biochemical characterization of two novel antigens from <i>Leishmania major</i> promastigotes. <b>2007</b> , 45, 287-93	1
161	Analysis of Serum proteom before and after Intravenous Injection of wild ginseng herbal acupuncture. <b>2004</b> , 7, 5-25	3
160	Characteristics of myosin isoforms in mammalian skeletal muscle. <b>2012</b> , 02, 77-83	1
159	Glucocorticoid-induced alterations in titin, nebulin, myosin heavy chain isoform content and viscoelastic properties of rat skeletal muscle. <b>2013</b> , 03, 70-75	4
158	Proteomic profiles and ultrastructure of regenerating protoplast of <i>Bryopsis plumosa</i> (Chlorophyta). <b>2016</b> , 31, 379-390	4
157	The RpoS Sigma Factor Negatively Regulates Production of IAA and Siderophore in a Biocontrol Rhizobacterium, <i>Pseudomonas chlororaphis</i> O6. <b>2013</b> , 29, 323-9	11
156	Exercise myopathy: changes in myofibrils of fast-twitch muscle fibres. <b>2014</b> , 31, 167-71	1
155	Protein Profile in Corpus Luteum during Pregnancy in Korean Native Cows. <b>2012</b> , 25, 1540-5	2

- 154 Bactericidal/permeability-increasing protein (BPI) inhibits angiogenesis via induction of apoptosis in vascular endothelial cells. **2000**, 96, 176-181
- 153 Analytical Protein Chemistry. **2001**, 717-737
- 152 References. **2005**, 251-324
- 151 EFFECT OF HIGH-INTENSITY TRAINING AND ACUTE EXERCISE ON Ca<sup>2+</sup>-SEQUESTERING FUNCTION OF SARCOPLASMIC RETICULUM : ROLE OF OXIDATIVE MODIFICATION. **2008**, 57, 327-338
- 150 Analytical Protein Chemistry. 717-737
- 149 Carboxy-terminus truncations of Bacillus licheniformis SK-1 CHI72 with distinct substrate specificity. **2011**, 44, 375-80
- 148 Myosin Heavy Chain Expression and Oxidative Modifications in Diabetic Rat Hearts. **2012**, 02, 248-256 0
- 147 MOLECULAR COMPOSITION AND STRUCTURE OF DYNEIN ARMS. **1982**, 125-135 1
- 146 HUMAN INTERLEUKIN 1: PURIFICATION AND PROPERTIES. **1982**, 273-289
- 145 The Composition of Stroma and Grana Thylakoid Pigment-Protein Complexes. **1984**, 265-274
- 144 Characterization and Purification of the Glycine Receptor of Rat Spinal Cord. **1984**, 509-511
- 143 The Tubulins of Animals, Plants, Fungi and Protists Implications for Metazoan Evolution. **1984**, 169-176
- 142 Biochemical characterization of a 34-kilodalton normal cellular substrate of pp60v-src and an associated 6-kilodalton protein. **1984**, 4, 77-85 33
- 141 Polypeptide Composition of Mesophyll Chloroplast Envelopes from C4 Subgroup Representatives. **1984**, 175-178
- 140 Studies on the Cholinergic Differentiation Factor for Cultured Sympathetic Neurons. **1985**, 13-17
- 139 New Proteins Unique to Cerebrospinal Fluid (CSF) Identified by Two-Dimensional Electrophoresis (2DE). **1985**, 961-963
- 138 Silver Staining and SDS Polyacrylamide Gel Electrophoresis of Antibacterial Proteins in Bovine and Human Milk. **1985**, 33, 597-600
- 137 Purification and Characterization of a High Molecular Weight Human Milk Ribonuclease: Its Potential Use for Diagnosis and Prognosis of Human Mammary Neoplasia. **1985**, 401-408

- 136 Analysis of membrane protein composition by gel electrophoresis. **1986**, 1-25 1
- 135 In situ Peptide Mapping of Proteins and Polypeptides Separated by Polyacrylamide Gel Electrophoresis. **1986**, 312-322 1
- 134 Phosphorylation of purine deoxynucleosides in human T- and B-lymphoblasts. **1986**, 195 Pt A, 531-5
- 133 Large Scale Purification of a Human Hepatoma Derived Endothelial Cell Growth Factor. **1987**, 75-81
- 132 Micromethods in Protein Chemistry. **1987**, 1-31
- 131 Immunoprotection [A Novel Approach for Mapping Epitopes on an Antigen. **1987**, 479-486
- 130 Purification of an insulin-related factor secreted by a teratoma-derived mesodermal cell line.. **1987**, 262, 209-213 8
- 129 Purification and Characterization of the Receptor for Human Interferon- $\alpha$  **1987**, 121-128
- 128 Antibodies Against the Adenosine Di-/Triphosphate Carrier Cross-react with the Ca Channel [ Functional and Biochemical Data. **1988**, 225-235 5
- 127 Purification of rat liver amidophosphoribosyltransferase. **1989**, 253B, 21-8
- 126 Kinetic properties of IMP dehydrogenase purified from rat hepatoma 3924A. **1989**, 253B, 51-5
- 125 Praxis der ultradünnschicht-isoelektrischen Fokussierung mit Trägerampholyten und immobilisierten pH-Gradienten für ein- und zwei-dimensionale Trennungen. **1989**, 139-197 1
- 124 Purification of the Human Interferon- $\alpha$  Receptor by Ligand Affinity. **1990**, 459-481
- 123 Biochemical characterization of the Drosophila dpp protein, a member of the transforming growth factor beta family of growth factors. **1990**, 10, 2669-2677 26
- 122 The dependence of silver staining of polyribonucleotides in polyacrylamide gels on nucleotide sequence. **1990**, 6, 75-79
- 121 Analysis of protein and lipopolysaccharide profiles. **1993**, 123-158
- 120 Resolution of TIMP-free and TIMP-complexed 70kDa progelatinase from culture medium of Rous sarcoma virus-transformed chicken embryo fibroblasts. **1993**, 42, 227-43 2
- 119 Transduction in the aquatic environment. **1996**, 153-173 2

- 118 Monoclonal Antibody Directed Against Heparin and Heparin-Fractions. **1996**, 47-58
- 117 Detection of Proteins and Sialoglycoproteins in Polyacrylamide Gels Using Eosin Y Stain. **1996**, 203-205
- 116 Cetyltrimethylammonium Bromide Discontinuous Gel Electrophoresis of Proteins. **1996**, 67-81
- 115 Auftrennung von Proteinen durch Elektrophorese in Polyacrylamidgelen. **1997**, 67-142
- 114 Heterogeneity of human red blood cell membrane: Co-existence of heavy and light membranes. **1999**, 141-149
- 113 Identification of the archaeal NMN adenyltransferase gene. **1999**, 99-102
- 112 Proteindetektion. **2016**, 121-150
- 111 Matrix stiffness modulates infection of endothelial cells by *Listeria monocytogenes* via expression of cell surface vimentin.
- 110 Efficiency of Phosphemide Employment at Increasing the Productivity of the *Candida maltosa* Tm-12 Strain. **2018**, 4, 69-80
- 109 Species Characterisation from Hair of Protected Mammals: Comparison of Molecular Methods. **2018**, 89-127 1
- 108 Identification of dysregulation of atrial proteins in rats with chronic obstructive apnea using twodimensional polyacrylamide gel electrophoresis and mass spectrometry.
- 107 Comparison of proteomic profiles of the phaeophyte *Saccharina japonica* thalli proximal to and beneath the front of epiphytic hydrozoan colonies against healthy tissue. **2019**, 62, 369-378
- 106 Dynamic modulations of the MDA-MB-231 secretions at low dose radiation. **2020**, 324, 929-940
- 105 Plasmid-directed synthesis of hepatitis B surface antigen in monkey cells. **1983**, 3, 44-55 31
- 104 THE ROUS SARCOMA VIRUS TRANSFORMING GENE PRODUCT: IN VITRO PHOSPHORYLATION WITH ATP AND GTP AS PHOSPHATE DONORS  
11This work was supported by grants CA-15823 and CA-21117 from the National Institutes of Health, by an Award from the American Business Cancer Research Foundation, and indirectly, by a gift from R.J. Reynolds Industries, Inc., to the Department of Pathology. 22A list of abbreviations used, is included at the end of this chapter. **1983**, 39-59
- 103 Regulation of Carbon Metabolism in *Mesembryanthemum Crystallinum*. **1983**, 175-183
- 102 Myosin isozymes in normal and pathological human cardiac muscle. **1983**, 129-133 2
- 101 Chromatography of PIG Pituitary Extracts on Inactivated Kallikrein-Sepharose. **1983**, 30, 681-684

100 Methods of Preparation. **1983**, 17-32

- 99 Coordinate expression of a small polypeptide with the lactose carrier of *Escherichia coli*.. **1985**, 260, 14235-14241
- 98 The assembly of an H2A2,H2B2,H3,H4 hexamer onto DNA under conditions of physiological ionic strength.. **1983**, 258, 13307-13313 8
- 97 Interaction of a DNA-binding protein, the gene product of D5 of bacteriophage T5, with double-stranded DNA. Analysis by metrizamide gradient centrifugation.. **1982**, 257, 14811-14816 4
- 96 The purification of ribosomal RNA gene chromatin from *Physarum polycephalum*.. **1988**, 263, 10725-10733 4
- 95 Proteolysis of vimentin and desmin by the Ca<sup>2+</sup>-activated proteinase specific for these intermediate filament proteins. **1983**, 3, 1146-1156 38
- 94 Evidence for a phosphorylated form of calmodulin in chicken brain and muscle. **1983**, 3, 1412-1420 11
- 93 Increase in the phosphotransferase specific activity of purified Rous sarcoma virus pp60v-src protein after incubation with ATP plus Mg<sup>2+</sup>. **1983**, 3, 1589-1597 37
- 92 Identification, purification, and characterization of phosphotyrosine-specific protein phosphatases from cultured chicken embryo fibroblasts. **1984**, 4, 1003-1012 31
- 91 Characterization and purification of lupus antigen La, and RNA-binding protein. **1985**, 5, 586-590 20
- 90 Partial purification of a nuclear protein that binds to the CCAAT box of the mouse alpha 1-globin gene. **1986**, 6, 821-832 59
- 89 Purification of a cellular, double-stranded DNA-binding protein required for initiation of adenovirus DNA replication by using a rapid filter-binding assay. **1986**, 6, 1363-1373 25
- 88 The expression of a gene for eukaryotic elongation factor Tu in *Artemia* during development. Translation of poly(A)<sup>+</sup> RNA and the use of a synthetic oligonucleotide to detect the presence of eukaryotic elongation factor Tu-specific mRNA.. **1985**, 260, 16347-16353 5
- 87 Model involving gene inactivation in the generation of autosomal recessive mutants in mammalian cells in culture. **1982**, 2, 1126-1133 20
- 86 The effects of inhibition of protein glycosylation on the aggregation of *Dictyostelium discoideum*. *Development (Cambridge)*, **1983**, 78, 229-248 6.6 1
- 85 Purification of axonin-1, a protein that is secreted from axons during neurogenesis. *EMBO Journal*, **1989**, 8, 55-63 13 21
- 84 The contact site A glycoprotein of *Dictyostelium discoideum* carries a phospholipid anchor of a novel type. *EMBO Journal*, **1989**, 8, 371-7 13 27
- 83 A novel integrin (alpha E beta 4) from human epithelial cells suggests a fourth family of integrin adhesion receptors. *EMBO Journal*, **1989**, 8, 673-80 13 92

82	Co-operative interactions between NFI and the adenovirus DNA binding protein at the adenovirus origin of replication. <i>EMBO Journal</i> , <b>1989</b> , 8, 1841-8	13	32
81	A DNA binding protein that recognizes oligo(dA).oligo(dT) tracts. <i>EMBO Journal</i> , <b>1989</b> , 8, 1867-77	13	53
80	A stimulated S6 kinase from rat liver: identity with the mitogen activated S6 kinase of 3T3 cells. <i>EMBO Journal</i> , <b>1989</b> , 8, 4125-32	13	25
79	Neuroserpin, an axonally secreted serine protease inhibitor. <i>EMBO Journal</i> , <b>1996</b> , 15, 2944-53	13	59
78	Identification of a novel receptor/signal transduction pathway for IL-15/T in mast cells. <i>EMBO Journal</i> , <b>1996</b> , 15, 4928-39	13	39
77	Synaptic acetylcholinesterase of chicken muscle changes during development from a hybrid to a homogeneous enzyme. <i>EMBO Journal</i> , <b>1988</b> , 7, 2451-6	13	8
76	Defective expression of mouse adenovirus Fl in human cells. <i>EMBO Journal</i> , <b>1982</b> , 1, 453-9	13	3
75	Purification of a new neurotrophic factor from mammalian brain. <i>EMBO Journal</i> , <b>1982</b> , 1, 549-53	13	398
74	The purification of M13 procoat, a membrane protein precursor. <i>EMBO Journal</i> , <b>1982</b> , 1, 573-8	13	2
73	Shape and assembly of type IV procollagen obtained from cell culture. <i>EMBO Journal</i> , <b>1982</b> , 1, 805-10	13	20
72	Actin filament capping protein from bovine brain. <i>EMBO Journal</i> , <b>1982</b> , 1, 889-94	13	19
71	Segmental differences in the protein content of Drosophila imaginal discs. <i>EMBO Journal</i> , <b>1982</b> , 1, 1373-83	13	2
70	Structure and expression of human thrombomodulin, a thrombin receptor on endothelium acting as a cofactor for protein C activation. <i>EMBO Journal</i> , <b>1987</b> , 6, 1891-7	13	64
69	Transmembrane topography of the nicotinic acetylcholine receptor delta subunit. <i>EMBO Journal</i> , <b>1987</b> , 6, 3619-26	13	7
68	Purification of the putative alpha-latrotoxin receptor from bovine synaptosomal membranes in an active binding form. <i>EMBO Journal</i> , <b>1985</b> , 4, 323-7	13	5
67	A split binding site for transcription factor tau on the tRNA <sup>3</sup> Glu gene. <i>EMBO Journal</i> , <b>1985</b> , 4, 491-500	13	61
66	Identification of a putative cell adhesion domain of uvomorulin. <i>EMBO Journal</i> , <b>1985</b> , 4, 3393-8	13	80
65	Isolation and characterization of a collagen-binding glycoprotein from chondrocyte membranes. <i>EMBO Journal</i> , <b>1983</b> , 2, 45-50	13	36

64	Isolation of a laminin-binding protein from muscle cell membranes. <i>EMBO Journal</i> , <b>1983</b> , 2, 861-5	13	99
63	In vivo sulfation of the contact site A glycoprotein of Dictyostelium discoideum. <i>EMBO Journal</i> , <b>1983</b> , 2, 1137-43	13	12
62	Microheterogeneity of tubulin proteins in neuronal and glial cells from the mouse brain in culture. <i>EMBO Journal</i> , <b>1983</b> , 2, 1243-8	13	10
61	Purification and characterization of <i>Xenopus laevis</i> topoisomerase II. <i>EMBO Journal</i> , <b>1983</b> , 2, 1303-8	13	12
60	Influence of transformation by Rous sarcoma virus on the amount, phosphorylation and enzyme kinetic properties of enolase. <i>EMBO Journal</i> , <b>1983</b> , 2, 1565-70	13	7
59	Immunocytological and biochemical characterization of a new neuronal cell surface component (L1 antigen) which is involved in cell adhesion. <i>EMBO Journal</i> , <b>1984</b> , 3, 1-10	13	237
58	Isolation and characterisation of arthropod gap junctions. <i>EMBO Journal</i> , <b>1984</b> , 3, 2271-8	13	13
57	Wheat germ agglutinin binds to the contact site A glycoprotein of Dictyostelium discoideum and inhibits EDTA-stable cell adhesion. <i>EMBO Journal</i> , <b>1984</b> , 3, 2663-70	13	8
56	Reconstitution of beta-adrenergic receptor with components of adenylate cyclase. <i>EMBO Journal</i> , <b>1984</b> , 3, 3339-45	13	11
55	50 kD prolactin binding protein in schizophrenics on neuroleptic medication. <i>Journal of Psychiatry and Neuroscience</i> , <b>1992</b> , 17, 61-7	4.5	5
54	Structural defects of a Pax8 mutant that give rise to congenital hypothyroidism. <i>Biochemical Journal</i> , <b>1999</b> , 341 ( Pt 1), 89-93	3.8	3
53	Dye-ligand chromatographic purification of intact multisubunit membrane protein complexes: application to the chloroplast H <sup>+</sup> -FoF1-ATP synthase. <i>Biochemical Journal</i> , <b>2000</b> , 346 Pt 1, 41-4	3.8	3
52	A thymus-independent (type 1) phosphorylcholine antigen isolated from <i>Trichinella spiralis</i> protects mice against pneumococcal infection. <i>Immunology</i> , <b>1990</b> , 69, 443-8	7.8	11
51	Characterization of the membrane attack complex inhibitory protein CD59 antigen on human amniotic cells and in amniotic fluid. <i>Immunology</i> , <b>1992</b> , 76, 541-7	7.8	51
50	Immunoaffinity fractionation of <i>Schistosoma mansoni</i> worm antigens using human antibodies and its application for serodiagnosis. <i>Immunology</i> , <b>1986</b> , 57, 587-93	7.8	6
49	A chemotactic inhibitor in synovial fluid. <i>Immunology</i> , <b>1983</b> , 49, 131-8	7.8	21
48	Unusual acidic light chains in murine SLE serum. <i>Clinical and Experimental Immunology</i> , <b>1984</b> , 55, 509-15	6.2	1
47	Isolation of a peptide associated with autoimmune haemolytic anaemia from red cell membranes. <i>Clinical and Experimental Immunology</i> , <b>1988</b> , 73, 406-9	6.2	5

46	Purification of the Sm nuclear autoantigen. Detection and clinical significance of IgM antibody. <i>Clinical and Experimental Immunology</i> , <b>1985</b> , 60, 586-96	6.2	25
45	Genetic polymorphism of alpha 2HS-glycoprotein. <i>American Journal of Human Genetics</i> , <b>1986</b> , 38, 699-706	6.1	27
44	High resolution two-dimensional gel electrophoresis of human erythrocyte membrane proteins. <i>American Journal of Human Genetics</i> , <b>1982</b> , 34, 15-31	11	20
43	Apoptosis. The role of the endonuclease. <i>American Journal of Pathology</i> , <b>1990</b> , 136, 593-608	5.8	1113
42	The intermediate filament cytoskeleton of malignant mesotheliomas and its diagnostic significance. <i>American Journal of Pathology</i> , <b>1985</b> , 121, 235-47	5.8	113
41	Inflammatory mediators and modulators released in organ culture from rabbit skin lesions produced in vivo by sulfur mustard. III. Electrophoretic protein fractions, trypsin-inhibitory capacity, alpha 1-proteinase inhibitor, and alpha 1- and alpha 2-macroglobulin proteinase inhibitors of these fluids. <i>American Journal of Pathology</i> , <b>1987</b> , 121, 118-33	5.8	21
40	Desmosomal plaque-associated vimentin filaments in human ovarian granulosa cell tumors of various histologic patterns. <i>American Journal of Pathology</i> , <b>1987</b> , 126, 476-86	5.8	25
39	Immunocytochemical analysis of Ewing's tumors. Patterns of expression of intermediate filaments and desmosomal proteins indicate cell type heterogeneity and pluripotential differentiation. <i>American Journal of Pathology</i> , <b>1987</b> , 127, 288-304	5.8	120
38	Proteins of intermediate filaments. An immunohistochemical and biochemical approach to the classification of soft tissue tumors. <i>American Journal of Pathology</i> , <b>1983</b> , 110, 193-208	5.8	136
37	Biochemical evidence that cytokeratins are present in smooth muscle. <i>British Journal of Experimental Pathology</i> , <b>1988</b> , 69, 433-40		14
36	Transthyretin and complex protein pattern in aqueous humor of patients with primary open-angle glaucoma. <i>Molecular Vision</i> , <b>2008</b> , 14, 1437-45	2.3	33
35	Staining Sodium Dodecyl Sulfate-Polyacrylamide Gels with Silver Salts. <i>Cold Spring Harbor Protocols</i> , <b>2021</b> , 2021, pdb.prot102244	1.2	
34	Cruzipain Sulfotopes-Specific Antibodies Generate Cardiac Tissue Abnormalities and Favor Infection in the BALB/c Mice Model of Experimental Chagas Disease.. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 814276	5.9	
33	Hydrochloric acid-treated ghosts induce IL-1 beta, IL-6, and TNF-alpha in murine macrophage.. <i>Molecular and Cellular Toxicology</i> , <b>2022</b> , 1-10	1.6	0
32	Brazzein protein production in transgenic carrot cells using air-lift bioreactor culture. <i>Plant Biotechnology Reports</i> , 1	2.5	0
31	Cellmatrix interactions: influence of noncollagenous proteins from dentin on cultured dental cells. <i>Development (Cambridge)</i> , <b>1986</b> , 96, 195-209	6.6	3
30	The tubulins of animals, plants, fungi and protists implications for metazoan evolution. <i>Origins of Life and Evolution of Biospheres</i> , <b>1984</b> , 13, 169-76		5
29	Identification of the archaeal NMN adenyltransferase gene. <i>Molecular and Cellular Biochemistry</i> , <b>1999</b> , 193, 99-102	4.2	4



28	Heterogeneity of human red blood cell membrane: co-existence of heavy and light membranes. <i>Molecular and Cellular Biochemistry</i> , <b>1999</b> , 196, 141-9	4.2	1
27	Serum Proteomic Profile of Asthmatic Patients after Six Months of Benralizumab and Mepolizumab Treatment.. <i>Biomedicines</i> , <b>2022</b> , 10,	4.8	
26	A Novel Ex Vivo Approach Based on Proteomics and Biomarkers to Evaluate the Effects of Chrysene, MEHP, and PBDE-47 on Loggerhead Sea Turtles ().. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19,	4.6	1
25	Image_1.tif. <b>2019</b> ,		
24	Image_2.tif. <b>2019</b> ,		
23	Table_1.xlsx. <b>2019</b> ,		
22	Table_2.xlsx. <b>2019</b> ,		
21	Table_3.xls. <b>2019</b> ,		
20	Table_4.xlsx. <b>2019</b> ,		
19	Table_5.xlsx. <b>2019</b> ,		
18	The intracloal and interclonal phenotypic heterogeneity in a rhabdomyosarcoma cell line with abortive imitation of embryonic myogenesis. <i>Virchows Archiv B, Cell Pathology Including Molecular Pathology</i> , <b>1988</b> , 55, 193-206		9
17	Induction of cellcell adhesion by monovalent antibodies in a germ cell culture. <b>1985</b> , 90, 211-222		o
16	Changes in patterns of protein synthesis in axolotl oocytes during progesterone-induced maturation. <b>1986</b> , 92, 103-113		o
15	Biochemical characterization of the adhesion-related differentiation antigen XT-1. <b>1986</b> , 93, 197-211		o
14	Purification, Characterization, and Application of Endoglucanase from <i>Rhizopus oryzae</i> as Antibiofilm Agent. <i>Applied Biochemistry and Biotechnology</i> ,	3.2	o
13	An Insulin Receptor-Binding Multifunctional Protein from <i>Tamarindus indica</i> L. Presents a Hypoglycemic Effect in a Diet-Induced Type 2 DiabetesBreclinical Study. <b>2022</b> , 11, 2207		o
12	Phenol/Chloroform-Free TiO2-Based miRNA Extraction from Cell Lysate. <b>2022</b> , 23, 8848		
11	Electrophoretic extraction of protein complexes after separation and detection by a combined method of non-denaturing two-dimensional electrophoresis and reversible staining. <b>2022</b> , 66, 5-11		o

- 10 Glycoprotein. **2022**, 153-158 ○
- 9 Gene Expression Analyses of Mutant *Flammulina velutipes* (Enokitake Mushroom) with Clogging Phenomenon. 1-8 ○
- 8 Unique Nuclear Matrix Protein Alterations in Head and Neck Squamous Cell Carcinomas: Intermediate Biomarker Candidates. **1996**, 114, 387-393 ○
- 7 Anti-Inflammatory Protein Isolated from Tamarind Promotes Better Histological Aspects in the Intestine Regardless of the Improvement of Intestinal Permeability in a Preclinical Study of Diet-Induced Obesity. **2022**, 14, 4669 ○
- 6 Neurodegenerative Disorder Risk in Krabbe Disease Carriers. **2022**, 23, 13537 ○
- 5 *Actinobacillus pleuropneumoniae* encodes multiple phase-variable DNA methyltransferases that comprise distinct phasevarions. ○
- 4 The mechanism and significance of the conversion of xanthine dehydrogenase to xanthine oxidase in mammalian secretory gland cells. **2023**, 59, 102573 ○
- 3 Sodium hydroxide-induced *Weissella kimchii* ghosts (WKGs) as immunostimulant. ○
- 2 Topography of pleural epithelial structure enabled by en face isolation and machine learning. ○
- 1 *Actinobacillus pleuropneumoniae* encodes multiple phase-variable DNA methyltransferases that control distinct phasevarions. ○