Citation Report
List of articles citing

A RAPID METHOD OF TOTAL LIPID EXTRACTION AND PURIFICATION

DOI: 10.1139/y59-099
Canadian Journal of Biochemistry and Physiology, 1959, 37, 911-917.

Source: https://exaly.com/paper-pdf/7333071/citation-report.pdf
Version: 2024-04-28

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
2201	Best-Matched Internal Standard Normalization in Liquid ChromatographyMass Spectrometry Metabolomics Applied to Environmental Samples.		
2200	Membrane Alterations in Pseudomonas putida F1 Exposed to Nanoscale Zerovalent Iron: Effects of Short-Term and Repetitive nZVI Exposure.		
2199	Dietary Uptake Patterns Affect Bioaccumulation and Biomagnification of Hydrophobic Organic Compounds in Fish.		
2198	Accidental Spill of Palm Stearin Poses Relatively Short-Term Ecological Risks to a Tropical Coastal Marine Ecosystem.		
2197	Multicompartmental Toxicokinetic Modeling of Discrete Dietary and Continuous Waterborne Uptake of Two Polycyclic Aromatic Hydrocarbons by Zebrafish Danio rerio.		
2196	Mechanisms of Enhanced Antibacterial Activity by Reduced Chitosan-Intercalated Nontronite.		
2195	T3364366 Targets the Desaturase Domain of Delta5 Desaturase with Nanomolar Potency and a Multihour Residence Time.		
2194	Gluco1Himidazole: A New Class of Azole-Type Glucosidase Inhibitor.		
2193	Photosensitized Membrane Permeabilization Requires Contact-Dependent Reactions between Photosensitizer and Lipids.		
2192	Amphiphile-Mediated Depalmitoylation of Proteins in Living Cells.		
2191	Cell-Envelope Remodeling as a Determinant of Phenotypic Antibacterial Tolerance in Mycobacterium tuberculosis.		
2190	Chemical Synthesis and Self-Assembly of a Ladderane Phospholipid.		
2189	Stereochemistry of Endogenous Palmitic Acid Ester of 9Hydroxystearic Acid and Relevance of Absolute Configuration to Regulation.		
2188	Ex Uno Plura: Differential Labeling of Phospholipid Biosynthetic Pathways with a Single Bioorthogonal Alcohol.		
2187	Tracing Hematopoietic Progenitor Cell Neutrophilic Differentiation via Raman Spectroscopy.		
2186	Fractionation of the Lipoproteins of the Fat Globule Membrane from Cream. **1961**, 44, 1414-1419		11
2185	The preparation of tissue lipid extracts. **1961**, 38, 534-538		43

2184	Proximate Composition of Canadian Atlantic Fish: I. Variation in Composition of Different Sections of the Flesh of Atlantic Halibut (Hippoglossus hippoglossus). **1961**, 18, 483-493	18
2183	Some differences in composition of covering fat, intermuscular fat, and intramuscular fat of meat animals. **1962**, 39, 178-181	17
2182	Phospholipids of pork muscle tissues. **1963**, 40, 734-736	29
2181	Tuna fatty acids: I. initial studies on the composition of the light and dark meats of bluefin tuna (Thunnus thynnus)-structural isomers of the monoenoic fatty acids. **1963**, 40, 213-215	4
2180	Tuna fatty acids: II. Investigation of the composition of raw and processed domestic tuna. **1963**, 40, 215-218	9
2179	MECHANISM OF EARLY SPORIDESMIN INTOXICATION IN SHEEP. **1963**, 200, 286	9
2178	The Fatty Acid Composition of Breast, Thigh, and Skin Tissues of Chicken Broilers as Influenced by Dietary Fats. **1963**, 42, 1202-1207	78
2177	LIPID EXTRACTION AND DISTRIBUTION STUDIES OF EGG YOLK LIPOPROTEINS. *Canadian Journal of Biochemistry and Physiology*, **1963**, 41, 657-666	48
2176	Lipids in Chick Urine: The Influence of Dietary Rapeseed Oil. **1963**, 42, 380-383	7
2175	STUDIES ON THE ACYLATION OF LYSOLECITHINS. *Canadian Journal of Biochemistry and Physiology*, **1963**, 41, 1983-1990	1
2174	UNCOUPLING OF OXIDATIVE PHOSPHORYLATION BY IONIZING RADIATION: II. THE STABILITY OF MITOCHONDRIAL LIPIDS AND CYTOCHROMEc. *Canadian Journal of Biochemistry and Physiology*, **1963**, 41, 1223-1233	6
2173	EFFECT OF LINOLEIC ACID ON NUTRITIONAL MUSCULAR DYSTROPHY IN THE CHICK. **1964**, 83, 307-13	10
2172	MORPHOLOGICAL AND CHEMICAL PROPERTIES OF CELL ENVELOPES OF THE EXTREME HALOPHILE, HALOBACTERIUM CUTIRUBRUM. **1964**, 10, 483-97	75
2171	Preparation and analysis of some food fats and oils for fatty acid content by gas-liquid chromatography. **1964**, 41, 362-366	4
2170	Fatty acid composition of oils from 21 species of marine fish, freshwater fish and shellfish. **1964**, 41, 662-667	165
2169	Phospholipids of tuna white muscle. **1964**, 41, 36-41	28
2168	Participation of Sulfhydryl Groups in Fatty Acid Synthesis by Chloroplast Preparations. **1964**, 39, 115-9	18
2167	IPOMEAMARONE ACCUMULATION AND LIPID METABOLISM IN SWEET POTATO INFECTED BY THE BLACK ROT FUNGUS II. ACCUMULATION MECHANISM OF IPOMEAMARONE IN THE INFECTED REGION WITH SPECIAL REGARD TO CONTRIBUTION OF THE NON-INFECTED TISSUE1. **1964**, 5, 133-143	13

2166	RELATIONSHIP OF THE SYNTHESES OF LIPID AND WATER SOLUBLE ACIDS BY CHLOROPLAST PREPARATIONS. **1965**, 40, 340-4	15
2165	PHOSPHATIDIC ACID AND GLYCERIDE SYNTHESIS BY PARTICLES FROM SPINACH LEAVES. **1965**, 40, 235-43	45
2164	Isolation, Yield, and Fatty Acid Composition of Intracellular Particles from Ripening Fruits. **1965**, 40, 561-6	16
2163	Conversion of DDT to DDD by Proteus vulgaris, a Bacterium isolated from the Intestinal Flora of a Mouse. **1965**, 205, 621-622	62
2162	Fatty acids of bovine milk glycolipids and phospholipids and their specific distribution in the diacylglycerophospholipids. **1965**, 42, 1142-7	68
2161	COMPOSITION AND STRUCTURE OF PHOSPHOLIPIDS IN CHICKEN MUSCLE TISSUES. **1965**, 42, 533-6	25
2160	Application of thin-layer chromatography to the quantitative estimation of tissue triglycerides. I. Triglyceride distribution in the livers of calf, pig and rat. **1965**, 42, 862-4	12
2159	Application of thin-layer chromatography to the quantitative estimation of tissue triglycerides. II. Influence of methyl parathion on the composition of liver triglycerides in the rat. **1965**, 42, 864-6	1
2158	Phospholipids of menhaden muscle. **1965**, 42, 887-8	6
2157	EFFECT OF AGE AND DIETARY FAT ON THE LIPIDS OF CHICKEN MUSCLE. **1965**, 85, 38-44	29
2156	Biosynthesis of unsaturated and saturated fatty acids in aseptically reared larvae of Calliphora erythrocephala (Meig.). **1965**, 73, 65-72	12
2155	EFFECTS OF DIET ON THE COMPOSITION OF BODY FAT IN AGRIA AFFINIS (FALL'EN). **1965**, 43, 337-40	14
2154	COMPOSITION OF THE FATS IN PUPAE OF AGRIA AFFINIS (FALL'EN) (DIPTERA: SARCOPHAGIDAE). **1965**, 43, 291-5	11
2153	Effects of diet on the composition of body fat in Musca domestica L. **1966**, 44, 775-9	13
2152	Oleic and linoleic acid interaction in polyunsaturated fatty acid metabolism in the rat. **1966**, 88, 26-32	29
2151	A New Carotenoid Pigment in Shrimp. **1966**, 49, 681-683	1
2150	Determination of Lipids in Fish Meal. **1966**, 49, 946-949	1
2149	Improved procedure for extracting food fatty acids. **1966**, 43, 627-31	12

2148	Methodology for the separation o plant lipids and application to spinach leaf and chloroplast lamellae. **1966**, 43, 223-231	175
2147	Characterization of fatty acids from root and shoot lipids ofCapsicum species. **1966**, 1, 136-40	6
2146	Distribution and identification of the fatty acids from the coho salmon, Oncorhynchus kisutch (Walbaum). **1966**, 43, 321-4	22
2145	Peroxidation of lipid from normal and paroxysmal nocturnal haemoglobinuria erythrocytes. **1966**, 210, 91-2	6
2144	Effect of Chrysanthemum Plant Extract on Flower Initiation in Short-Day Plants. **1966**, 19, 875-882	13
2143	The basis of DDT tolerance in the laboratory mouse. **1966**, 44, 879-87	13
2142	Lipid synthesis in the presence of nitrogenous compounds in Chlorella pyrenoidosa. **1966**, 41, 506-9	21
2141	Canadian Marine Oils of Low Iodine Value: Fatty Acid Composition of Oils from Newfoundland Turbot (Greenland Halibut), Certain Atlantic Herring, and a Sablefish. **1967**, 24, 2563-2572	20
2140	Dietary Effect of Menhaden-Oil Ethyl Esters on the Fatty Acid Pattern of Broiler Muscle Lipids. **1967** , 46, 438-444	12
2139	Uncoupling of energy-linked functions of corn mitochondria by linoleic Acid and monomethyldecenylsuccinic Acid. **1967**, 42, 1702-10	19
2138	The lipolysis and hydrogenation of lipids in the digestive tract of the sheep. **1967**, 68, 139-148	25
2137	A comparison of the effects of white clover (Trifolium repens) and of perennial ryegrass (Lolium perenne) on fat composition and flavour of lamb. **1967**, 69, 367-373	49
2136	The effect of oxidation on the iodine values of phospholid in milk, butter and washed-cream serum. **1967**, 34, 231-238	4
2135	Lipid Turnover in an Isolated Population of Irradiated Bone Marrow Cells. **1967**, 30, 325	3
2134	Freshwater Fish Oils: Yields and Composition of Oils from Reduction of Sheepshead, Tullibee, Maria, and Alewife. **1967**, 24, 1219-1227	15
2133	Studies on Tellina tenuis da costa I. Seasonal growth and biochemical cycle. **1967**, 1, 220-235	74
2132	Extraction of Lipids from Raw Beef Lean by Using Various Solvent Systems. **1967**, 50, 250-255	9
2131	Reduction in the concentration of phosphatidyl serine in the plasma of birds with avian erythroblastosis. **1967**, 215, 647-8	3

2130	Changes in haemolymph lipoproteins during locust flight. **1967**, 215, 987	45
2129	Fatty acid composition of milk phospholipids. II. Sheep, Indian buffalo and human milks. **1967**, 2, 178-82	25
2128	Inhibition by cyclopropene fatty acids of the desaturation of stearic acid in hen liver. **1967**, 2, 419-23	69
2127	Metabolism of alkyl glyceryl ethers in the rat. **1968**, 3, 51-8	13
2126	Dietary induced alterations in swelling characteristics and endogenous phospholipase A(2) activity of rat liver mitochondria. **1968**, 3, 449-52	15
2125	Quatitative gas chromatography in the structural characterization of glyceryl phosphatides. **1968**, 45, 537-46	31
2124	Unusual occurrence of squalene in a fish, the eulachon Thaleichthys pacificus. **1968**, 220, 1033-4	22
2123	Characterization, distribution, catabolism, and synthesis of the fatty acids of the two-spotted spider mite, Tetranychus urticae. **1968**, 14, 1445-1458	16
2122	Distribution of Fatty Acids in Cod Flesh Lipids. **1968**, 25, 2083-2090	70
2121	Effect of Starvation on Free Fatty Acid Level in Blood Plasma and Muscular Tissues of Rainbow Trout (Salmo gairdneri). **1968**, 25, 1555-1560	48
2120	Condition of Newfoundland Trap-Caught Cod and Its Influence on Quality After Single and Double Freezing. **1968**, 25, 733-755	16
2119	Phospholipid synthesis in aging potato tuber tissue. **1968**, 43, 1232-8	32
2118	Rapid starch synthesis associated with increased respiration in germinating lily pollen. **1968**, 43, 1-8	106
2117	Responses of a psychrophilic marine bacterium to changes in its ionic environment. **1968**, 14, 253-63	12
2116	Effect of Stage of Rigor and of Freezing‐Thawing Processes On Storage Quality of Refrozen Cod. **1968**, 25, 299-320	20
2115	Biosynthesis of cytidine diphosphate diglyceride by cauliflower mitochondria. **1968**, 43, 1162-4	18
2114	Observations on the nature and origin of lipids in the small intestine of the sheep. **1968**, 22, 237-46	37
2113	Phospholipid composition of tissues in calves suffering from nutritional muscular dystrophy. **1968**, 22, 429-435	5

2112	Measurements of lipid peroxidation and Ξocopherol destruction in vitro and in vivo and their significance in connexion with the biological function of vitamin E. **1968**, 22, 465-472	19
2111	The calcium content of human erythrocytes. **1968**, 199, 367-81	148
2110	Growth and concentrations of amino acids in plasma of rats fed four levels of amino acids. **1968**, 94, 495-503	9
2109	Some selenium responses in the rat not related to vitamin E. **1969**, 98, 383-9	129
2108	Distribution and metabolism of menadiol diphosphate in the rat. **1969**, 97, 512-6	7
2107	Absorption of vitamin D3 oleate in the rat. **1969**, 22, 425-30	12
2106	Chemical Alterations in Fish Tissue During Storage at Low Temperatures. **1969**, 52, 904-910	2
2105	Use of choline or betaine for fatty acid synthesis in a marine microbe. **1969**, 15, 307-8	
2104	Respiratory changes during seed germination. Histological distribution of respiratory enzymes and mobilization of fat reserves in castor bean endosperm and peanut cotyledons. **1969**, 44, 789-95	4
2103	A scheme for the separation and estimation of nitrogenous components of the excreta from poultry. **1969**, 10, 53-66	6
2102	The properties of an enzyme system degrading endogenous phospholipids of Tetrahymena pyriformis. **1969**, 16, 397-400	12
2101	Hair Digestion by a Keratinase of Trichophyton Mentagbophytes**From The Skin and Cancer Hospital of Philadelphia, Temple University Health Sciences Center, Philadelphia, Penna. 19140.. **1969**, 53, 166-171	24
2100	New vitamin D metabolite localized in intestinal cell nuclei. **1969**, 222, 171-2	62
2099	A simplified method for extracing lipids from large quantities of tissue abundant in water. **1969**, 4, 300-1	32
2098	Pyrolysis-gas chromatography of phosphoglycerides: a mass spectral study of the products. **1969**, 4, 301-3	36
2097	Lipids of maturing grain of corn (Zea mays L.): I. Changes in lipid classes and fatty acid composition. **1969**, 46, 485-8	44
2096	Plant response to pesticides and environment: Sicklepod (Cassia tora L.) fatty acid separation by gas chromatography. **1969**, 46, 47-48	3
2095	Isopropyl alcohol extraction of oil and lipids in the production of fish protein concentrate from herring. **1969**, 46, 371-376	12

2094	Cell wall lipopolysaccharides from Neisseria catarrhalis. **1969**, 15, 365-74	29
2093	The hemolymph proteins of the blue crab, Callinectes sapidus. II. A lipoprotein serologically identical to oocyte lipovitellin. **1969**, 20, 1-17	111
2092	Control of haemolymph lipid concentration during locust flight: An adipokinetic hormone from the corpora cardiaca. **1969**, 15, 611-620	245
2091	Carnitine levels in some higher plants. **1969**, 5, 169-170	45
2090	Influence of urea on the electrophoretic properties of the proteins of microsomal membranes. **1969**, 181, 159-63	10
2089	Studies of Patella vulgata L. II. Seasonal variation in biochemical composition. **1969**, 3, 231-245	33
2088	Metabolites of vitamin D3 and their biologic activity. **1969**, 99, 157-67	69
2087	Studies on the Lipids of Hypomesus olidus PALLAS-I. **1969**, 35, 1138-1147	1
2086	Adverse outcome of using tilmicosin in a lamb with multiple ventricular septal defects. **2009**, 50, 61-3	16
2085	The nutritive value of fat in the diet of the milk-fed lamb. 1. The apparent and corrected digestibilities of different dietary fats and of their constituent fatty acids. **1970**, 24, 425-33	18
2084	SEASONAL COMPOSITION OF TEMPERATE PLANKTON COMMUNITIES: FATTY ACIDS1. **1970**, 15, 419-426	46
2083	Vitamin E and hepatotoxic agents. 3. Vitamin E, synthetic antioxidants and carbon tetrachloride toxicity in the rat. **1970**, 24, 357-84	60
2082	Aliphatic hydrocarbon contents of various members of the family Micrococcaceae. **1970**, 5, 929-37	37
2081	Desaturation of saturated fatty acids by rat liver microsomes. **1970**, 5, 611-6	63
2080	Gas liquid radiochromatography of intact natural triglycerides. **1970**, 5, 342-52	18
2079	Exceptional occurrence of odd-chain fatty acids in smelt (Osmerus mordax) from Jeddore Harbour, Nova Scotia. **1970**, 5, 554-7	18
2078	The deposition of polyunsaturated fatty acids in the rat fed partially hydrogenated vegetable oil. **1970**, 47, 487-9	7
2077	The metabolism of ketones, triglyceride and monoglyceride in livers of obese hyperglycaemic mice. **1970**, 6, 570-4	17

2076	Biosynthesis of cytidine diphosphate diglyceride by enzyme preparations from cauliflower. **1970**, 45, 719-22	18
2075	The chemical composition of cell-wall lipopolysaccharides from Moraxella duplex and Micrococcus calco-aceticus. **1970**, 16, 1-8	22
2074	The biosynthesis of steryl glucosides in plants. **1970**, 45, 255-62	65
2073	The structure and biosynthesis of phosphatidyl inositol in cauliflower inflorescence. **1970**, 45, 712-8	39
2072	Lipids and Fatty Acids of Two Species of North Atlantic Krill (Meganyctiphanes norvegica and Thysanoessa inermis) and Their Role in the Aquatic Food Web. **1970**, 27, 513-533	74
2071	Formation of Dimethylamine in Stored Frozen Sea Fish. **1970**, 27, 1685-1690	33
2070	Les polyglycerophospholipides d'Euglena gracilis. **1970**, 7, 259-262	40
2069	Isolation of a "basic membrane" fraction enriched in an ornithine-containing lipid, from a blue-green mutant of Rhodospirillum rubrum. **1970**, 11, 37-40	5
2068	The biosynthesis of plasmalogens in a cell-free system. **1970**, 12, 57-60	33
2067	The fatty acid composition of cuticle and fat body tissue from Tenebrio molitor (L.), Periplaneta americana (L.) and Schistocerca gregaria (Forskal). **1970**, 36, 103-106	13
2066	Keeping Time of Frozen Redfish (Sebastes marinus mentella) Fillets in Relation to Handling of the Raw Material and Storage Temperatures after Processing and Freezing. **1970**, 27, 1589-1605	4
2065	Halosphaera viridis: Fatty Acid Composition and Taxonomical Relationships. **1970**, 27, 251-255	13
2064	The effect of imbibition and vernalization on the uptake and distribution of 32P-orthophosphate in the grains and grain parts of a spring and winter wheat. **1971**, 49, 437-447	7
2063	The phospholipid composition of Rhizobium japonicum. **1971**, 17, 291-5	20
2062	Volatile Acid Formation in Sludge Digestion. **1971**, 41-54	43
2061	Aspects of fatty acid metabolism in Galleria mellonella (L.) (Lepidoptera: Pyralidae): Isolation of the elongation system. **1971**, 38, 333-346	1
2060	Investigations of the capacity of synthesizing 3β-sterols in molluscaIV. The biosynthesis and composition of 3β-sterols in the mesogastropods Crepidula fornicata and Natica cataena. **1971**, 39, 139-149	3
2059	The effect of tagging upon the fatty acid metabolism of juvenile pink salmon. **1971**, 39, 709-21	4

2058	Phospholipid metabolism of herpesvirus-infected and uninfected rabbit kidney cells. **1971**, 45, 252-64	48
2057	Phospholipid P content of saskatchewan soils. **1971**, 3, 243-247	17
2056	Comparison of sampling and extraction techniques for fatty acids in recent sediments. **1971**, 35, 735-741	56
2055	Cardiac Lipid Changes in Rats Fed Oils Containing Long-Chain Fatty Acids. **1971**, 4, 120-124	86
2054	Lipid synthesis in subcellular particulates isolated from rodent submandibular salivary glands. **1971**, 16, 915-28	10
2053	Hydroxypalmitoylcarnitine formation in rat submandibular salivary gland mitochondria. **1971**, 248, 515-519	4
2052	Late replication of the DNA associated with the nuclear membrane. **1971**, 16, 233-236	38
2051	Biosynthesis of glucuronosyl diglyceride by a cell-free system obtained from a moderately halophilic-halotolerant bacterium. **1971**, 19, 217-220	14
2050	The Ca(2+) stimulated incorporation of choline into microsomal lecithin subspecies in vitro. **1971**, 17, 14-16	17
2049	Trihydroxy long-chain bases in bovine milk sphingomyelin. **1971**, 19, 63-64	10
2048	Glycolipids of a halotolerant moderately halophilic bacterium. **1971**, 15, 309-312	23
2047	Isolation of the Aqueous Phase of Human Intestinal Contents During the Digestion of a Fatty Meal. **1971**, 60, 997-1007	69
2046	Fat Absorption in Bile Fistula Man. **1971**, 60, 1008-1019	73
2045	Lipid Changes Associated with the Degradation of Fish Tissue. **1971**, 54, 1019-1023	5
2044	PHOSPHOLIPID COMPONENTS EXTRACTED FROM SASKATCHEWAN SOILS. **1971**, 51, 19-22	18
2043	Linkage of retinal to opsin. **1971**, 229, 249-50	
2042	Nutritional Requirements of Prawn-III. **1971**, 37, 1015-1019	26
2041	In Vivo Transformation of Ergosterol to Cholesterol in Crab, Portunus trituberculatus. **1971**, 37, 671-674	14

2040	Effects of temperature on accumulation of starch or lipid in chloroplasts of grapevine. **1971**, 101, 166-70	21
2039	Metabolic relationships between fatty alcohol and fatty acid in the liver of Squalus acanthias. **1971**, 10, 346-355	24
2038	Sebaceous gland lipogenesis induced by testosterone: early metabolic events. **1971**, 57, 144-8	23
2037	DDT movement from adipocyte to muscle cell during lipid utilization. **1971**, 229, 63-5	51
2036	On the phospholipids of Culex pipiens fatigans. **1971**, 6, 867-72	8
2035	The structural analysis of wheat flour glycerolipids. **1971**, 6, 768-76	37
2034	Trans-6-hexadecenoic acid and the corresponding alcohol in lipids in the sea anemoneMetridium dianthus. **1971**, 6, 341-346	32
2033	Liver triglyceride synthesis failure in post-spawning salmon. **1971**, 6, 347-9	17
2032	Metabolism of a polychlorinated biphenyl (Aroclor 1254) mixture in the rat. **1971**, 6, 102-12	99
2031	Simultaneous microchemical analysis of glycerol, fatty acid, and phosphorus in complex lipids. **1971**, 16, 456-466	14
2030	Altered Lipid and Serine Metabolism in Graft-versus-Host Disease. **1971**, 46, 547	
2029	The Lipids of Cestodes from Pacific and Atlantic Coast Triakid Sharks. **1971**, 57, 1272	11
2028	A Micro-Analytical Scheme for the Determination of Protein, Carbohydrate, Lipid and RNA Levels in Marine Invertebrate Larvae. **1971**, 51, 659-668	126
2027	Pressure Effects on Cholesterol and Lipid Synthesis by the Swimbladder of an AbyssalCoryphaenoidesSpecies. **1971**, 11, 559-570	12
2026	The effect of neonatal administration of sex hormones on the turnover of hepatic microsomal phospholipid in male and female rats. **1971**, 49, 659-65	6
2025	Inhibition of glycolipid biosynthesis in chloroplasts by ozone and sulfhydryl reagents. **1971**, 48, 335-9	55
2024	FEEDING BEHAVIOUR OF THE PALES WEEVIL, HYLOBIUS PALES (COLEOPTERA: CURCULIONIDAE): I. SYNERGISTIC EFFECTS WITH LOBLOLLY PINE PHLOEM EXTRACTS. **1971**, 103, 74-79	3
2023	Changes in Lipid Composition during Greening of Etiolated Pea Seedlings. **1971**, 47, 329-34	97

2022	Lipid biosynthesis by isolated barley chloroplasts in relation to plastid development. **1971**, 48, 526-31	23
2021	Purification and characteristics of the enterotoxin of Clostridium perfringens type A. **1971**, 17, 1425-33	71
2020	Pigmentation of Brook Trout (Salvelinus fontinalis) by Feeding Dried Crustacean Waste. **1971**, 28, 509-512	93
2019	Investigations of the capacity of synthesizing 3 -sterols in mollusca. 8. The biosynthesis of 3 -sterols in the pulmonates "Succinea putris" and "Arianta arbustorum". **1972**, 80, 293-7	5
2018	FEEDING BEHAVIOUR OF THE PALES WEEVIL: II. RESPONSE TO SOME NEUTRAL LIPID FRACTIONS OF LOBLOLLY PINE PHLOEM. **1972**, 104, 427-432	1
2017	Intensive beef production 13. Replacement of concentrates with root crops. **1972**, 15, 67-73	5
2016	Tissue Water Potential, Photosynthesis, C-Labeled Photosynthate Utilization, and Growth in the Desert Shrub Larrea divaricata Cav.. **1972**, 42, 127-141	81
2015	EFFECTS OF POPULATION DENSITY ON ENERGY UTILIZATION, INTESTINAL DISACCHARIDASES, AND ADRENAL FUNCTION IN HENS. **1972**, 52, 103-112	20
2014	Fat Metabolism in Higher Plants: XLVII. The Effect of Nitrite and Other Anions on the Formation of Unsaturated Fatty Acids by Isolated Chloroplasts. **1972**, 49, 497-501	8
2013	Influence of muscle location on fatty acid composition of total intramuscular lipids in the pig. **1972**, 14, 247-252	
2012	Comparative Study on the Sterol Composition of Marine Mollusks. **1972**, 38, 1299-1304	25
2011	Studies on the Lipids of Shell-fish-I. **1972**, 38, 255-263	8
2010	The uptake and metabolism of plasma lysophosphatidylcholine in vivo by the brain of squirrel monkeys. **1972**, 130, 557-67	96
2009	Tritium isotope effects in the measurement of the glycerol phosphate and dihydroxyacetone phosphate pathways of glycerolipid biosynthesis in rat liver. **1972**, 130, 1003-12	80
2008	The sites of synthesis and transport of extracellular polysaccharides in the root tissues of maize. **1972**, 130, 1133-45	76
2007	EFFECTS OF VITAMIN E OR ETHOXYQUIN AND RUMEN DEVELOPMENT UPON MUSCULAR DYSTROPHY IN LAMBS. **1972**, 52, 351-361	1
2006	Essential fatty acids in the diet of rainbow trout (Salmo gairdneri): lipid metabolism and fatty acid composition. **1972**, 102, 93-9	135
2005	Complex lipid requirements for detergent-solubilized phosphoacetylmuramyl-pentapeptide translocase from Micrococcus luteus. **1972**, 69, 1972-4	37

2004	Rapid lateral diffusion of phospholipids in rabbit sarcoplasmic reticulum. **1972**, 69, 2056-60	197
2003	The influence of maize oil on the fatty acid composition of tissues of calves with and without vitamin E. **1972**, 27, 327-35	6
2002	Seasonal changes in the biochemical composition of the adult barnacle, Balanus balanoides, and the possible relationships between biochemical composition and cold-tolerance. **1972**, 52, 805-825	25
2001	Plasmalogen biosynthesis in a cell-free system. Enzymic desaturation of 1-O-alkyl (2-acyl) glycerophosphoryl ethanolamine. **1972**, 20, 79-82	42
2000	Diesel oil contamination of brown trout (Salmo trutta L.). **1972**, 3, 9-16	14
1999	Synthesis of fatty acids by the parasite Exeristes comstockii (Hymenop.) and two hosts, Galleria mellonella (Lep.) and Lucilia sericata (Dip.). **1972**, 50, 1105-1110	9
1998	On the biosynthesis of 3β-sterols in some representatives of the echinoidea. **1972**, 43, 457-463	1
1997	A stress syndrome in the hard clam, Mercenaria mercenaria. **1972**, 20, 242-251	75
1996	Correlation between metabolism of phosphatidylglycerol and membrane synthesis in Escherichia coli. **1972**, 68, 249-64	64
1995	Sensitivity of several serum enzymes in detecting carbon tetrachloride-induced liver damage in rats. **1972**, 22, 474-83	85
1994	Growth of bacteriophage lambda in phospholipases A-less mutants. **1972**, 46, 1434-40	12
1993	Essential fatty acid deficiency in infants induced by fat-free intravenous feeding. **1972**, 25, 897-904	222
1992	The release of membrane-bound calcium by radiation and sulfhydryl reagents. **1972**, 79, 43-51	31
1991	Influence of disodium ethane-1-hydroxy-1,1-diphosphonate on vitamin D metabolism in rats. **1972**, 336, 249-62	6
1990	The effect of paraquat on flax cotyledon leaves: Physiological and biochemical changes. **1972**, 104, 210-9	58
1989	Studies on the nutrition of marine flatfish. The effect of dietary fatty acids on the tissue fatty-acids of the plaice Pleuronectes platessa. **1972**, 13, 160-166	73
1988	A possible mechanism of action of estrogen at the cellular level in a model sebaceous gland. **1972**, 59, 299-304	17
1987	MORPHOLOGICAL, ANATOMICAL AND BIOCHEMICAL EFFECTS OF PROPACHLOR ON SEEDLING GROWTH*. **1972**, 12, 182-189	29

1986	Wax esters of barracudina lipid: A potential replacement for sperm whale oil. **1972**, 49, 378-382	27
1985	The isolation and characterisation of the plasma membrane fromHalobacterium salinarium. **1972**, 38, 513-528	
1984	Some effects of prolonged starvation on the metabolism of the red and white myotomal muscles of the plaice Pleuronectes platessa. **1973**, 19, 348-353	70
1983	Fatty acids of the female horseshoe crab Xiphosura (Limulus) polyphemus. **1973**, 20, 291-296	16
1982	Changes in phospholipid composition of Thiobacillus neapolitanus during growth. **1973**, 89, 247-55	7
1981	Isolation and characterization of gliding motility mutants of Cytophaga columnaris. **1973**, 93, 295-309	16
1980	Chemical synthesis of 1- 14 C-octadecyldihydroxyacetone phosphate and 1- 14 C-octadecyldihydroxyacetone. **1973**, 62, 320-2	5
1979	Progress in the Analysis of Lipids XIII: Gas Chromatography, Part 5. **1973**, 75, 517-533	14
1978	Incorporation of a phospholipid precursor into the subcellular organelles of 9-methylpteroylglutamic acid-treated rat embryos. **1973**, 8, 175-89	9
1977	Influence of disodium dichloromethylene diphosphonate on 25-hydroxycholecalciferol metabolism in rats. **1973**, 278, 435-40	
1976	Phospholipase A activities in normal and sectioned rat sciatic nerve. **1973**, 21, 873-6	44
1975	The oleyl-coenzyme-A desaturase of potato tubers. Enzymatic properties, intracellular localization and induction during "aging" of tuber slices. **1973**, 32, 155-65	68
1974	Nuclear and cytoplasmic receptors for 1,25-dihydroxycholecalciferol in intestinal mucosa. **1973**, 51, 74-80	70
1973	An alternate enzymic route for the synthesis of the alkyl analog of phosphatidic acid involving alkylglycerol. **1973**, 51, 119-24	32
1972	Phospholipid hydrolysis by phospholipase A 1 and A 2 in plasma membranes and microsomes of rat liver. **1973**, 298, 562-76	83
1971	Effects of colicin A and staphylococcin 1580 on amino acid uptake into membrane vesicles of Escherichia coli and staphylococcus aureus. **1973**, 311, 483-95	31
1970	Nuclear envelope isolation in peas. **1973**, 323, 167-77	15
1969	Some properties of phosphatidylcholine exchange protein purified from beef liver. **1973**, 318, 313-325	218

1968	Influence of fatty acid and sterol composition on the lipid phase transition and activity of membrane-bound enzymes in Acholeplasma laidlawii. **1973**, 330, 269-82	204
1967	Interactions of acyl carnitines and other lysins with erythrocytes and reconstituted erythrocyte lipoproteins. **1973**, 318, 50-60	6
1966	The effect of different fatty acid and sterol composition on the erythritol flux through the cell membrane of Acholeplasma laidlawii. **1973**, 298, 479-99	108
1965	Tetrahydropteridine-dependent cleavage enzyme for O-alkyl lipids: substrate specificity. **1973**, 316, 259-65	49
1964	Desaturation of phosphatidylcholine and phosphatidylethanolamine by a microsomal enzyme system from Candida lipolytica. **1973**, 316, 305-16	65
1963	Formation of acyl phosphatidyl glycerol byEscherichia coli extracts. **1973**, 326, 355-360	16
1962	Lipid composition of selected strains of Yersinia pestis and Yersinia pseudotuberculosis. **1973**, 306, 173-85	37
1961	Lipids in tissues of the eye. 8. Sphingomyelinase of the lens. **1973**, 306, 329-39	21
1960	Synthesis of cyclopropane fatty acids in isolated bacterial membranes. **1973**, 158, 667-76	13
1959	The synthesis of DNA associated with the nuclear membrane of guinea pig adrenal cells. **1973**, 312, 228-42	13
1958	Solubilisation of a teichoic acid-synthesising system from the membrane of Bacillus licheniformis by freezing and thawing. **1973**, 34, 15-8	8
1957	In vitro studies on the acylation of 1-O-alkenyl glycero-3-phosphorylethanolamine by rat brain preparations. **1973**, 32, 9-12	10
1956	Two component system for surface guided reassociation of animal cells. **1973**, 244, 510-2	134
1955	Phospholipids of a moderately halophilic halotolerant bacterium. Isolation and identification of glucosylphosphatidylglycerol. **1973**, 306, 368-79	17
1954	Fatty acid composition of lipids in various plant cell cultures. **1973**, 51, 513-516	28
1953	Non-methylene-interrupted fatty acids in lipids of shallow-water marine invertebrates: A comparison of two molluscs (Littorina littorea and Lunatia triseriata) with the sand shrimp (Crangon septemspinosus). **1973**, 46, 153-165	26
1952	On the mechanism of action of griseofulvin in dermatophytosis. **1973**, 11, 274-8	7
1951	Investigations of the capacity of synthesizing 3 beta-sterols in mollusca. X. Biosynthesis and composition of 3 beta-sterols in Cephalopoda. **1973**, 81, 401-7	18

1950	Fat Metabolism in Higher Plants: LVII. A Comparison of Fatty Acid-Synthesizing Enzymes in Chloroplasts Isolated from Mature and Immature Leaves of Spinach. **1973**, 52, 156-61	42
1949	The Distribution of Neutral Lipids in Shark Tissues. **1973**, 53, 649-656	37
1948	Differences in Lipid Composition between Undifferentiated and Mature Maize Chloroplasts. **1973**, 51, 802-4	10
1947	Effects of Cyclopropenoid-Containing Cotton Oil on the Life Cycle and Lipid Metabolism of the Blowfly Lucilia sericata1. **1973**, 66, 797-800	8
1946	Extension of Shelf-Life of Indian Mackerel (Rastrelliger kanagurta) by Irradiation. **1973**, 30, 305-309	13
1945	Some Physiological Effects of Viviparous Genes vp(1) and vp(5) on Developing Maize Kernels. **1973**, 52, 350-6	17
1944	The effect of lipid extraction on electron-microscopic images of plant membranes. **1973**, 51, 1221-1229	7
1943	Pyruvate kinase, a possible regulatory enzyme in higher plants. **1973**, 52, 312-7	47
1942	Flesh Concentration of Various Long-Chain Free Fatty Acids of Pacific Halibut (Hippoglossus stenolepis) and Chinook Salmon (Oncorhynchus tshawytscha) Frozen at Sea. **1973**, 30, 79-82	
1941	Phospholipids in artificially induced muscular dystrophy of calves. **1973**, 29, 293-6	5
1940	A membrane-bound activity catalysing phosphatidylinositol breakdown to 1,2-diacylglycerol, D-myoinositol 1:2-cyclic phosphate an D-myoinositol 1-phosphate. Properties and subcellular distribution in rat cerebral cortex. **1973**, 131, 433-42	127
1939	Phospholipase A-1 of human blood platelets. **1973**, 131, 615-8	48
1938	The function of teichoic acids in cation control in bacterial membranes. **1973**, 132, 83-93	112
1937	[The relationship between palmitoyl-coenzyme A synthetase activity and esterification of sn-glycerol 3-phosphate in rat liver mitochondria]. **1973**, 132, 697-706	123
1936	An investigation into the role of malonyl-coenzyme A in isoprenoid biosynthesis. **1973**, 134, 295-310	20
1935	Induction of orientation of bacterial cellulose microfibrils by a novel terpenoid from Acetobacter xylinum. **1973**, 135, 145-9	11
1934	Regulation of macromolecular biosynthesis in a mutant of Escherichia coli defective in membrane phospholipid biosynthesis. **1973**, 70, 385-9	53
1933	Growth rate, lipid composition, metabolism and myocardial lesions of rats fed rapeseed oils (Brassica campestris var. Arlo, Echo and Span, and B. napus var. Oro). **1973**, 103, 1696-708	68

1932	Relation of detergent HLB number to solubilization and stabilization of D-alanine carboxypeptidase from Bacillus subtilis membranes. **1973**, 70, 2997-3001	85
1931	Reconstitution of D-lactate-dependent transport in membrane vesicles from a D-lactate dehydrogenase mutant of Escherichia coli. **1973**, 70, 1917-21	42
1930	Alteration of Diphenamid Metabolism in Tomato by Ozone. **1973**, 21, 542-549	17
1929	Phytophthora Fragariae Race Characterization with Gas-Liquid Chromatographic Lipid Analysis. **1973**, 65, 1259-1265	2
1928	Appraisal of human vitamin E requirement based on examination of individual meals and a composite Canadian diet. **1973**, 26, 1349-54	17
1927	Moisture and Fat Analysis of Meat and Meat Products: A Review and Comparison of Methods. **1973**, 56, 544-561	4
1926	OZONE EFFECTS ON PLANT CELL PERMEABILITY. **1974**, 61, 787-793	8
1925	An improved method for the isolation of spinach chloroplast envelope membranes. **1974**, 54, 780-3	44
1924	CHANGES IN TRIGLYCERIDE FATTY ACIDS DURING BROOD PRODUCTION OF DOUGLAS-FIR BEETLES (COLEOPTERA: SCOLYTIDAE). **1974**, 106, 927-932	3
1923	Effect of Ethrel and Ceratocystis fimbriata on the Synthesis of Fatty Acids and 6-Methoxy Mellein in Carrot Root. **1974**, 53, 331-6	15
1922	Evidence that the nephrotoxin from the fungus Mortierella wolfii is a protein. **1974**, 20, 1513-6	3
1921	Temperature-induced Phase Changes in the Membranes of Glyoxysomes, Mitochondria, and Proplastids from Germinating Castor Bean Endosperm. **1974**, 54, 320-3	30
1920	Depressed fatty acid and acetate oxidation and other metabolic defects in homogenates from hearts of hamsters with hereditary cardiomyopathy. **1974**, 34, 570-80	22
1919	Ozone Effects on Plant Cell Permeability. **1974**, 61, 787	24
1918	Preparation and Use of Liposomes as Models of Biological Membranes. **1974**, 1-68	268
1917	Biosynthesis of phosphatidylethanolamine by enzyme preparations from plant tissues. **1974**, 53, 171-5	45
1916	Poultry Feed Radicidation. **1974**, 53, 619-624	4
1915	Effects of Starvation on Structure and Function in the Digestive Gland of the Mussel (Mytilus Edulis L.). **1974**, 54, 699-712	91

1914	The effect of membrane-lipid phase transitions on membrane structure and on the growth of Acholeplasma laidlawii B. **1974**, 2, 617-28	40
1913	Comparative studies on membranes isolated from Rhodopseudomonas viridis grown in the presence and in the absence of yeast extract. **1974**, 101, 259-72	11
1912	Lipids of Pediococcus cerevisiae and some methicillin-resistant substrains. **1974**, 40, 39-47	3
1911	Seasonal changes in biochemical composition of the bivalve Abra alba from the Clyde Sea Area. **1974**, 25, 13-20	53
1910	Wax ester biosynthesis by midwater marine animals. **1974**, 24, 279-285	25
1909	Studies on the mechanism of biosynthesis of wax esters in Euchaeta norvegica. **1974**, 25, 271-277	42
1908	Studies of membrane formation in Tetrahymena pyriformis. VIII. On the origin of membranes surrounding food vacuoles. **1974**, 21, 745-51	25
1907	Isolation of an unusually stable cis-isomer of alloxanthin from a bleached autolysed culture of Chroomonas salina grown photoheterotrophically on glycerol. Observations on cis-trans isomerization of alloxanthin. **1974**, 21, 761-8	23
1906	Wax ester production by the marine cryptomonad Chroomonas salina grown photoheterotrophically on glycerol. **1974**, 21, 768-71	28
1905	Metabolism of vitamin D3 in the chick embryo. **1974**, 164, 165-71	45
1904	The effect of quinolinic acid on the content and distribution of hepatic metabolites. **1974**, 164, 590-601	18
1903	The isolation of metallothionein and its protective role in cadmium poisoning. **1974**, 165, 340-8	133
1902	Defective transport in S-adenosylmethionine synthetase mutants of Escherichia coli. **1974**, 161, 610-20	12
1901	Bacillus licheniformis 749-C plasma membrane penicillinase, a hydrophobic polar protein. **1974**, 160, 655-66	29
1900	Studies on Tetrahymena membranes: temperature-induced alterations in fatty acid composition of various membrane fractions in Tetrahymena pyriformis and its effect on membrane fluidity as inferred by spin-label study. **1974**, 367, 134-47	111
1899	Changes in cell permeability following a marked reduction of saturated fatty acid content of Escherichia coli K-12. **1974**, 373, 224-41	41
1898	Effect of glucose on the biosynthesis of the membranes of Bacillus. **1974**, 345, 62-73	6
1897	Dihydro-orotate oxidase of Escherichia coli K12: purification, properties, and relation to the cytoplasmic membrane. **1974**, 364, 218-32	26

1896	Biochemical changes in Bifidobacterium bifidum var. pennsylvanicus after cell-wall inhibition. VI. Biosynthesis of the galactosyldiglycerides. **1974**, 348, 23-34	10
1895	Phospholipase A activity in growing Escherichia coli cells. **1974**, 348, 334-43	43
1894	Isolation and properties of a phospholipase A1 activity from beef pancreas. **1974**, 348, 197-209	93
1893	Biochemical effects of denervation in subhuman primate muscles. **1974**, 44, 295-305	3
1892	Acylation of monoglycerides by locust fat-body microsomes. **1974**, 41, 65-8	11
1891	Rapid isolation of a plant microsomal fraction by Mg2+--precipitation. **1974**, 43, 155-8	72
1890	Some Details of Fatty Acids and Alcohols in the Lipids of North Atlantic Copepods. **1974**, 31, 1812-1818	35
1889	Long-Chain Monoethylenic and Other Fatty Acids in Heart, Liver, and Blubber Lipids of Two Harbor Seals (Phoca vitulina) and One Grey Seal (Halichoerus grypus). **1974**, 31, 333-341	24
1888	Biosynthesis of sterols in abalone, Haliotis gurneri, and mussel, Mytilus edulis. **1974**, 47, 555-61	12
1887	Leaf Fatty-Acid Content in Relation to Hardening and Chilling Injury. **1974**, 25, 121-131	53
1886	[Characterization of a phospholipase A from Achlya bisexualis Coker cultivated on lecithins]. **1974**, 56, 783-5	1
1885	Fatty acid composition and desaturase activity of tissues of the congenitally obese Zucker rat. **1974** , 48, 565-74	13
1884	Membrane fatty acid replacements and their effect on growth and lectin-induced agglutinability. **1974**, 71, 3115-9	127
1883	Physical and physiological evidence for two phase transitions in cytoplasmic membranes of animal cells. **1974**, 71, 4381-5	93
1882	Purified acetylcholine receptor: its reconstitution to a chemically excitable membrane. **1974**, 71, 4768-72	76
1881	Phospholipids in the developing soybean seed. **1974**, 54, 744-7	44
1880	Lipid class distribution and fatty acid composition of prawn, Penaus japonicus bate.. **1974**, 40, 1027-1032	49
1879	Component Fatty Acids of Acetone-Soluble Lipids of 17 Species of Marine Benthic Algae. **1974**, 40, 609-617	32

1878	Calcium-binding protein and vitamin D metabolism in experimental protein malnutrition. **1974**, 32, 569-78	12
1877	Studies on the lipid composition of the rat liver endoplasmic reticulum after induction with phenobarbitone and 20-methylcholanthrene. **1974**, 140, 461-8	74
1876	The mechanism of intestinal absorption of phosphatidylcholine in rats. **1974**, 140, 503-8	60
1875	Phospholipid synthesis in rat liver endoplasmic reticulum after the administration of phenobarbitone and 20-methylcholanthrene. **1974**, 142, 19-26	22
1874	Metabolism of dihydrotachysterol and 5,6-trans-cholecalciferol in the chick and the rat. **1974**, 142, 37-46	22
1873	Biogenesis of mitchondria. Phospholipid synthesis in vitro by yeast mitochondrial and microsomal fractions. **1974**, 144, 265-75	89
1872	Molecular heterogeneity of mouse duodenal alkaline phosphatase. Association of lipids and peptides. **1974**, 141, 93-101	20
1871	Degradation of monogalactosyl diglyceride and digalactosyl diglyceride by sheep pancreatic enzymes. **1974**, 144, 177-87	14
1870	The Release of 14C-labelled Lipids from Escherichia coli Strains by a Human Serum Fraction. **1974**, 2, 909-911	
1869	Molecular Evolution of Pituitary Growth Hormone. **1974**, 2, 911-912	3
1868	Characteristics of mitochondrial and microsonal monoacyl- and diacylglycerol 3-phosphate biosynthesis in rabbit heart. **1974**, 138, 11-21	26
1867	The fatty acid composition of the ethanolamine and choline phosphoglycerides of ovine and porcine testes. **1974**, 27, 629-32	4
1866	Manipulation of the phospholipid composition of tissue culture cells. **1974**, 71, 4072-6	106
1865	Seasonal Changes in Foliar Fatty Acids and Sterols in Carya glabra (Mill.) Sweet and Quercus falcata Michx., Two Hosts of the Elm Spanworm, Ennomos subsignarius (Hübner)12. **1975**, 4, 935-943	2
1864	Autoxidation in milk rich in linoleic acid. I. An objective method of measuring autoxidation and evaluating antioxidants. **1975**, 42, 185-95	24
1863	Studies on phospholipases from Streptomyces. II. Purification and properties of Streptomyces hachijoensis phospholipase D. **1975**, 78, 363-72	30
1862	The distribution of pyrophosphatidic acid in nature. **1975**, 78, 817-20	4
1861	Isolation and characterization of a ganglioside containing fucose from boar testis. **1975**, 78, 947-54	59

1860	Photoswelling and light-inactivation of isolated chloroplasts I. Change in lipid content in light-aged chloroplasts. **1975**,	
1859	The synthesis of fatty acids in avocado mesocarp and cauliflower bud tissue. **1975**, 146, 425-37	64
1858	Phosphatidate phosphohydrolase and palmitoyl-coenzyme A hydrolase in cardiac subcellular fractions of hyperthyroid rabbits and cardiomyopathic hamsters. **1975**, 152, 313-23	23
1857	Subcellular structure of bovine thyroid gland. A study on bovine thyroid membranes by buoyant-density-gradient centrifugation in a B-XIV zonal rotor. **1975**, 152, 601-7	12
1856	Cytoplasmic membrane vesicles of Escherichia coli. A simple method for preparing the cytoplasmic and outer membranes. **1975**, 77, 705-18	124
1855	Preferential Inhibition of Lipid Synthesis by the Bacteriocin Pyocin S2. **1975**,	
1854	A preliminary investigation of the effect of bovine growth hormone on growth and muscle composition of coho salmon (Oncorhynchus kisutch). **1975**, 27, 240-53	101
1853	Purification and properties of staphylocoagulase. **1975**, 379, 164-71	14
1852	Glycogen and total lipids in the lugworm (Arenicola marina) in relation to reproduction. **1975**, 9, 311-319	15
1851	Incorporation of a phospholipid precursor into the hemochorionic and yolk sac placentas associated rat embryos. **1975**, 11, 247-55	4
1850	Comparison of lipids of sea urchin egg ghosts prepared before and after fertilization. **1975**, 177, 19-27	16
1849	Purification of acetylcholine receptor from Torpedo californica and its incorporation into phospholipid vesicles. **1975**, 264, 175-82	25
1848	Cycloalkanones V: synthesis, distribution, and effects on triglyceride metabolism. **1975**, 64, 35-40	27
1847	A convenient erythrocyte membrane cyclic AMP binding assay. **1975**, 68, 202-8	12
1846	Variations saisonnières de la composition en acides gras chez Penaeus japonicus (Crustacea: Decapoda). **1975**, 29, 335-341	25
1845	Biosynthesis of lipds in zooplankton from Saanich Inlet, British Columbia, Canada. **1975**, 31, 15-23	42
1844	Effets d'un jeûne de courte durée sur les principaux constituants biochimiques de l'oursin Arbacia lixula. I. Stade de repos sexuel. **1975**, 30, 239-244	11
1843	Partitioning of nitrogen and carbon in cultures of the marine diatom Thalassiosira fluviatilis supplied with nitrate, ammonium, or urea. **1975**, 32, 231-246	97

1842	E. coli membrane lipid alteration affecting T4 capsid morphogenesis. **1975**, 256, 379-83	14
1841	Analysis of lipid composition of isolated human sebaceous gland homogenates after incubation with cutaneous bacteria. Thin-layer chromatography. **1975**, 64, 406-11	55
1840	Host-Parasite Relations in a Mycoparasite III. Morphological and Biochemical Differences in the Parasitic- and Axenic-Culture Spores of Piptocephalis Virginiana. **1975**, 67, 382-391	22
1839	Gas-Liquid Chromatographic Determination of Total Cholesterol in Multicomponent Foods. **1975**, 58, 804-810	6
1838	Effect of EPTC on Plastid Membrane Constituents in Germinating Cucumber Cotyledons. **1975**, 23, 185-187	5
1837	Development of mitochondrial membranes in anaerobically grown yeast cells. **1975**, 78, 1353-64	6
1836	Failure of balance measurements to predict actual retention of magnesium and calcium by rats as determined by direct carcass analysis. **1975**, 105, 1157-67	9
1835	Unidentified Growth Factors in Fish Meal: Effects of Low Levels of Fish Meal in Diets for Breeder Broiler Hens. **1975**, 54, 2054-2065	2
1834	Phosphatidylserine synthesis in castor bean endosperm. **1975**, 56, 177-80	30
1833	Ozone-induced Fatty Acid and Viability Changes in Chlorella. **1975**, 55, 15-9	29
1832	Interaction of phospholipid vesicles with cells. Endocytosis and fusion as alternate mechanisms for the uptake of lipid-soluble and water-soluble molecules. **1975**, 66, 621-34	120
1831	Frozen Storage of Ground Turkey. **1975**, 54, 119-125	4
1830	The fate and origin of the nuclear envelope during and after mitosis in Amoeba proteus. I. Synthesis and behavior of phospholipids of the nuclear envelope during the cell life cycle. **1975**, 65, 631-45	24
1829	Stimulation of Phospholipid Biosynthesis during Frost Hardening of Winter Wheat. **1975**, 55, 356-9	60
1828	Studies on Phospholipid-synthesizing Enzyme Activities during the Growth of Etiolated Cucumber Cotyledons. **1975**, 55, 130-6	23
1827	Immunochemical characterization of the outer membrane complex of Bacteroides fragilis subspecies fragilis. **1975**, 132, 440-50	85
1826	Defective lysosomal enzyme secretion in kidneys of Chediak-Higashi (beige) mice. **1975**, 67, 774-88	146
1825	Studies on the purification of chlamydial agents grown in yolk sacs of embryonated eggs using disulphide-linked immunosorbents and enzymes. **1975**, 89, 11-25	3

1824	Phospholipase in the lysosomes of HEP-2 cells and its release during poliovirus infection. **1975**, 381, 17-21	9
1823	Growth and carcass evaluation of Holstein steers fed liquid acid whey. **1975**, 58, 1688-94	7
1822	Bioconversion of desmosterol to cholesterol at various stages of molting cycle in Palaemon serratus Pennant, Crustacea, Decapoda. **1975**, 50, 485-9	3
1821	[Phospholipase A1 activity of Achlya bisexualis coker: influence of lecithins in the culture media]. **1975**, 57, 837-9	1
1820	Use of (1 or 3-3H, U-14C)glucose to estimate the synthesis of glycerolipids via acyl dihydroxyacetone phosphate. **1975**, 65, 658-64	13
1819	Biological Alterations Resulting from Chronic Lung Irradiation: I. The Pulmonary Lipid Composition, Physiology and Pathology after Inhalation by Beagle Dogs of 144 Ce-Labeled Fused Clay Aerosols. **1975**, 63, 275	11
1818	Stimulation of triacylglycerol synthesis by Z protein in rat liver and intestinal mucosa. **1975**, 60, 256-8	73
1817	Failure of dietary erucic acid to impair oxidative capacity or APT production of rat heart mitochondria isolated under controlled conditions. **1975**, 396, 125-32	27
1816	Isolation and characterization of a mannan from mesosomal membrane vesicles of Micrococcus lysodeikticus. **1975**, 406, 214-34	22
1815	Distribution of enzymes involved in mannan synthesis in plasma membranes and mesosomal vesicles of Micrococcus lysodeikticus. **1975**, 406, 235-47	8
1814	Studies on tetrahymena membranes. Modification of surface membrane lipids by replacement of tetrahymanol by exogenous ergosterol in Tetrahymena pyriformis. **1975**, 406, 248-63	47
1813	Influence of Ca2+ and Mg2+ on the thermotropic behaviour and permeability properties of liposomes prepared from dimyristoyl phosphatidylglycerol and mixtures of dimyristoyl phosphatidylglycerol and dimyristoyl phosphatidylcholine. **1975**, 406, 465-78	142
1812	A novel electrophoretic fractionation of Escherichia coli envelopes. **1975**, 406, 36-49	22
1811	Biochemical characteristics of the outer membranes of plant mitochondria. **1975**, 413, 213-25	66
1810	Phospholipase activity plays no role in the action of colicin K. **1975**, 394, 129-34	9
1809	A possible mechanism for the peroxidation of lipids due to chronic ethanol ingestion. **1975**, 380, 145-54	95
1808	Substrate-selectivity of rat liver microsomal 1,2-diacylglycerol:CDPcholine(ethanolamine) choline(ethanolamine)phosphotransferase in utilizing endogenous substrates. **1975**, 380, 199-207	90
1807	Phospholipase C from Clostridium novyi type A. I. **1975**, 409, 75-85	27

1806	Characterization of a membrane-bound phospholipid desaturase system of candida lipolytica. **1975**, 380, 442-53	74
1805	Utilization of 2-acyl-sn-glycerol by locust fat body microsomes. Specificity of the acyltransferase system. **1975**, 388, 165-70	32
1804	A short-chain acyl-CoA: 1-alkyl-2-acyl-sn-glycerol acyltrasnferase from a microsomal fraction of the rabbit Harderian gland. **1975**, 388, 226-30	14
1803	Phosphatidylethanolamine molecular species of fatty acid auxotroph of Escherichia coli grown with elaidate. **1975**, 409, 212-217	12
1802	Action of phospholipases on the phosphatidylcholine exchange protein from beef liver. **1975**, 398, 415-23	18
1801	The lipid composition of a halotolerant species of Staphylococcus epidermidis. **1975**, 398, 464-84	57
1800	Studies on the metabolism of calciferol XII. Production in vitro of 1,24,25-(OH)3-vitamin D3 and a search for its occurrence in vivo. **1975**, 170, 731-8	39
1799	Isolation and partial characterization of an aminoacyl-tRNA synthetase complex from rabbit reticulocytes. **1975**, 166, 507-17	77
1798	The fluidity and organization of mitochondrial membrane lipids of the brown adipose tissue of cold-adapted rats and hamsters as determined by nitroxide spin probes. **1975**, 167, 505-18	123
1797	Lung surfactant synthesis: a Ca++-dependent microsomal phospholipase A2 in the lung. **1975**, 64, 128-35	77
1796	The influence of physiological doses of thyroxine on the lipid reserves of starved and fed brook trout, Salvelinus fontinalis (Mitchill). **1975**, 52, 407-12	19
1795	Protein Instability in Minced Flesh from Fillets and Frames of Several Commercial Atlantic Fishes During Storage at 5 C. **1975**, 32, 775-783	31
1794	Canadian Capelin 1972–1973. Fat and Moisture Composition, and Fatty Acids of Some Oils and Lipid Extract Triglycerides. **1975**, 32, 507-513	28
1793	Cholesterol Requirements of Juvenile American Lobster (Homarus americanus). **1975**, 32, 1431-1435	50
1792	Lipid phosphorus content and 33Pi incorporation in roots of alfalfa varieties during frost hardening. **1975**, 53, 1473-1477	8
1791	Effect of glutamic acid on the fatty acid and lipid composition of Choanephora cucurbitarum. **1975**, 21, 1827-33	7
1790	Changes in Phospholipid Composition of Escherichia coli Following and uv-Irradiation. **1976**, 66, 247	13
1789	Separation and characterization of two distinct hemagglutinins contained in purified leukocytosis-promoting factor from Bordetella pertussis. **1976**, 444, 765-82	92

1788	Origin of di-isobutyl phthalate, a contaminant mimicking nonadecenoic acid in fatty acids of egg membrane lipids. **1976**, 53, 111-3	3
1787	Quality Preservation in Frozen Mackerel*. **1976**, 9, 135-138	20
1786	Hepatic accumulation of vitamin D3 and 25-hydroxyvitamin D3. **1976**, 421, 12-21	36
1785	Proportions et renouvellement des diffèrents phospholipides des fibroblastes normaux et transformés par le SV 40. **1976**, 57, 1189-1196	4
1784	Étude comparative de l'incorporation d'acide érucique et d'acide palmitique dans les phosphatidylcholines de mitochondries isolées de cœur de rat. **1976**, 57, 1391-1393	
1783	The effect of selected seed oils on the fatty acid composition and growth of Penaeus indicus. **1976**, 8, 81-89	58
1782	The effects of a fat-free diet and compounded diets supplemented with various oils on moult, growth and fatty acid composition of prawn, Penaeus japonicus Bate. **1976**, 7, 245-254	68
1781	Phospholipase A activity in human and ovine uterine tissues. **1976**, 12, 229-41	51
1780	Maternal-perinatal interrelationships of vitamin D metabolism in rats. **1976**, 428, 388-95	59
1779	Chemical modification by trinitrobenzenesulfonate of a lipid and proteins of intracytoplasmic membranes isolated from Chromatium vinosum and Azotobacter vinelandii. **1976**, 455, 605-20	10
1778	Studies on the glycoprotein component of (Na+ +K+)-ATPase from dog fish salt gland. Binding to concanavalin A and removal of sialic acid by neuraminidase. **1976**, 455, 837-48	16
1777	The release of membrane components prior to haemolysis during extraction of intact eryghrocytes with bile salts. **1976**, 426, 776-80	37
1776	Hydrolysis of phosphatidylcholine liposomes by phospholipases A2. Effects of the local anesthetic dibucaine. **1976**, 433, 20-31	25
1775	Preparation of erythrocyte ghosts by a glycol-induced osmotic lysis under isoionic conditions. **1976**, 433, 54-62	29
1774	Studies on Tetrahymena membranes. In vivo manipulating of membrane lipids by 1-O-hexadecyl glycerol-feeding in Tetrahymena pyriformis. **1976**, 436, 249-59	28
1773	Reversible envelope effects during and after killing of Escherichia coli w by a highly-purified rabbit polymorpho-nuclear leukocyte fraction. **1976**, 436, 154-69	41
1772	Phosphorus nuclear magnetic resonance of Acholeplasma laidlawii cell membranes and derived liposomes. **1976**, 419, 411-24	32
1771	Heterogeneity in the fluidity of intact erythrocyte membrane and its homogenization upon hemolysis. **1976**, 426, 218-31	162

1770	Action of phospholipases on the cytoplasmic membrane of Escherichia coli. Stimulation by melittin. **1976**, 426, 317-24	109
1769	Influence of membrane lipid fluidity on glucose and uridine facilitated diffusion in human erythrocytes. **1976**, 419, 331-41	26
1768	Induction of the catalytic protein of (Na+ plus K+)-ATPase in the salt gland of the duck. **1976**, 419, 150-63	37
1767	31P NMR studies of unsonicated aqueous dispersions of neutral and acidic phospholipids. Effects of phase transitions, p2H and divalent cations on the motion in the phosphate region of the polar headgroup. **1976**, 436, 523-40	163
1766	Enzymes of phospholipid synthesis in Bacillus Calmette-Guerin induced rabbit alveolar macrophage. Characterization and localization of cytidine diphosphocholine phosphotransferase and monoacylphospholipid acyltransferase. **1976**, 450, 311-21	4
1765	The subcellular distribution of carotenoids in Phycomyces blakesleeanus C115 car-42 mad-107 (--). **1976**, 450, 429-40	18
1764	The effect of retinol and retinoic acid on the testicular phospholipase a activity in retinol-deficient rats. **1976**, 424, 489-92	7
1763	An ornithine-containing lipid isolated from Gluconobacter cerinus. **1976**, 450, 225-230	25
1762	Unusual C24, C25, C26 and C27 polyunsaturated fatty acids of the marine sponge Microciona prolifera. **1976**, 431, 206-16	64
1761	Phospholipases A1 and A2 in bovine thyroid. **1976**, 424, 183-94	11
1760	Lysophospholipase activity in cell-wall fragments contaminating mitochondrial fractions of Neurospora crassa. **1976**, 424, 195-203	6
1759	A sulfonolipid and novel glucosamidyl glycolipids from the extreme thermoacidophile Bacillus acidocaldarius. **1976**, 431, 550-69	101
1758	Biosynthesis of phosphogalactolipids and diphosphatidylglycerol in a membrane fraction of Bifidobacterium bifidum var. pennsylvanicus. **1976**, 441, 403-11	12
1757	Temperature-sensitive formation of the phospholipid molecular species in escherichia coli membranes. **1976**, 431, 54-61	30
1756	Changes in membrane lipid composition during temperature adaptation by a thermotolerant strain of Tetrahymena pyriformis. **1976**, 431, 165-79	112
1755	Distribution of lipids in cytoplasmic and outer membranes of Escherichia coli K12. **1976**, 441, 38-47	141
1754	A nuclear magnetic resonance study of the interaction of serotonin with gangliosides. **1976**, 63, 313-5	15
1753	25-Hydroxylation of 1alpha-hydroxyvitamin D3 in vivo and in perfused rat liver. **1976**, 65, 211-4	29

1752	Dephosphorylation of C55-isoprenyl-monophosphate by non-specific phosphatases. **1976**, 67, 85-9	5
1751	Phosphatidylcholine content and fatty acid composition of tracheal and gastric liquids from premature and full-term newborn infants. **1976**, 70, 449-54	13
1750	Stimulation of the microsomal alkylglycerol monooxygenase by catalase. **1976**, 450, 469-73	14
1749	Comparative effects of acebutolol and practolol on the lipolytic response to isoprenaline. **1976**, 3, 177-84	13
1748	The origin of stomach oil in marine birds: Analyses of the stomach oil from six species of subantarctic procellariiform birds. **1976**, 23, 15-30	49
1747	Aggregation and anticomplementary activity of an antigen used in the complement fixation test for Johne disease. **1976**, 21, 117-118	1
1746	Protection by Propylthiouracil Against Carbon Tetrachloride-Induced Liver Damage. **1976**, 71, 821-826	47
1745	Fatty liver and kidney syndrome in chicks. I. Effect of biotin in diet. **1976**, 29, 419-28	14
1744	Role of Galactolipids in Spinach Chloroplast Lamellar Membranes: II. Effects of Galactolipid Depletion on Phosphorylation and Electron Flow. **1976**, 57, 724-9	58
1743	Incorporation of fatty acids containing photosensitive groups into phospholipids of Escherichia coli. **1976**, 73, 86-90	34
1742	Adrenal cholesterol uptake from plasma lipoproteins: regulation by corticotropin. **1976**, 73, 4329-33	114
1741	Modification of adenylate cyclase activity in LM cells by manipulation of the membrane phospholipid composition in vivo. **1976**, 73, 4482-6	119
1740	Analysis of membrane halves: cholesterol. **1976**, 73, 173-7	140
1739	beta-Bungarotoxin, a pre-synaptic toxin with enzymatic activity. **1976**, 73, 178-82	167
1738	Biosynthesis of lipid-linked oligosaccharides and glycoprotein in aorta: stimulation by acceptor lipids isolated from liver. **1976**, 73, 2574-8	13
1737	Existence of glucosaminyl lactosyl ceramide (amino CTH-I) in human erythrocyte membranes as a possible precursor of blood group-active glycolipids. **1976**, 79, 625-32	40
1736	Studies on the nutrition of marine flatfish. The effect of different dietary fatty acids on the growth and fatty acid composition of turbot (Scophthalmus maximus). **1976**, 36, 479-86	92
1735	A study of cow's milk containing high levels of linoleic acid: isolation and properties of the fat-globule membrane. **1976**, 43, 389-400	8

1734	The topographical location and unique nature of a glucokinase associated with the Golgi apparatus of rat liver. **1976**, 154, 193-201	10
1733	Effect of vitamin A nutritional status on the growth of oestrogen-primed chick oviduct. **1976**, 154, 249-51	4
1732	Lipids associated with bovine kidney glomerular basement membranes. **1976**, 155, 535-41	7
1731	Phospholipid composition of the plasma membrane of the green alga, Hydrodictyon africanum. **1976**, 156, 295-300	10
1730	Arachidonic acid release from diacyl phosphatidylethanolamine by human platelet membranes. **1976**, 158, 283-7	54
1729	Phospholipid requirement for dimethylnitrosamine demethylation by hamster hepatic microsomal cytochrome P-450 enzyme system. **1976**, 160, 401-4	4
1728	The glycerol phosphate, dihydroxyacetone phosphate and monoacylglycerol pathways of glycerolipid synthesis in rat adipose-tissue homogenates. **1976**, 160, 693-700	30
1727	Lipid composition of Acer pseudoplatanus (sycamore) cells and some aspects of their ultrastructure during growth in batch suspension culture. **1976**, 4, 45-7	
1726	Changes in the Amount of Complex Lipids in the Seeds and in the Pericarp during the Development of Ivy Fruit (Hedera helix). **1976**, 36, 145-149	3
1725	Polar Lipids of Spinach (Spinacia oleracea) Roots. **1976**, 38, 221-223	8
1724	Effects of leaf roll virus infection on the development of tubers in the potato plant. **1976**, 19, 349-355	2
1723	Metal-catalyzed oxidation in mackerel skin and meat lipids. **1976**, 53, 636-640	40
1722	Confirmation of biosynthesis and partial structural characterization of the ether-linked ethanolamine phosphoglycerides of Heliothis. **1976**, 6, 363-366	1
1721	Hormonal control of diacyl glycerol mobilization from fat body of the desert locust, Schistocerca gregaria. **1976**, 6, 289-296	107
1720	Fish-bone oil: Percent total body lipid and carbon-14 uptake following feeding of 1-14C-palmitic acid. **1976**, 35, 85-89	22
1719	Experiments on enzymatic acylation of sn-glycerol 3-phosphate with enzyme preparations from pea and spinach leaves. **1976**, 132, 161-8	44
1718	Sterols in coral-reef animals. **1976**, 34, 53-57	10
1717	Effects of experimental feeding and starvation on the proximate composition of the European bass Dicentrarchus labrax. **1976**, 34, 85-91	50

1716	Heptose-deficient mutants of Escherichia coli K12 deficient in up to three major outer membrane proteins. **1976**, 147, 263-9	65
1715	A highly sensitive assay for microsomal diacyglycerol acyltransferase activity from isolated fat cells. **1976**, 71, 436-43	17
1714	Chemical and biological characterization of the lipopolysaccharide of Bacteroides fragilis subspecies fragilis. **1976**, 134, 59-66	118
1713	Effect of freezing and cold storage on phospholipids in developing soybean cotyledons. **1976**, 57, 270-3	37
1712	Phosphatidylcholine synthesis in castor bean endosperm. **1976**, 57, 382-6	49
1711	Aliphatic Chains of Esterified Lipids in Isolated Eyespots of Euglena gracilis var. bacillaris. **1976**, 57, 645-6	20
1710	Changes in the composition of the excurrent duct system of the rat testis during postnatal development. **1976**, 46, 31-8	5
1709	Lipid and Fatty Acid composition of chloroplast envelope membranes from species with differing net photosynthesis. **1976**, 58, 595-8	36
1708	Involvement of phospholipids in triglyceride biosynthesis by developing soybean cotyledons. **1976**, 57, 556-9	14
1707	Changes in the Chemical Composition of Leaves During Processing in a Woodland Stream. **1976**, 57, 720-727	220
1706	Purification and characterization of an a type phospholipase from potato and its effect on potato mitochondria. **1976**, 57, 148-52	28
1705	Effects of antibiotics on metabolism of peptidoglycan, protein, and lipids in Bifidobacterium bifidum subsp. pennsylvanicus. **1976**, 10, 786-94	11
1704	A surface antigen influenza vaccine. 1. Purification of haemagglutinin and neuraminidase proteins. **1976**, 77, 161-72	46
1703	Deteriorative Changes During Frozen Storage in Fillets and Minced Flesh of Silver Hake (Merluccius bilinearis) Processed from Round Fish Held in Ice and Refrigerated Sea Water. **1976**, 33, 2560-2567	37
1702	Biochemical Aspects of Lipid Storage and Utilization in Animals. **1976**, 16, 631-647	58
1701	Stimulation of cholesterol esterification in rhesus monkey arterial smooth muscle cells. **1977**, 40, 166-73	56
1700	The Use of Organic Solvents in Membrane Research. **1977**, 1-50	19
1699	Rapeseed meal and egg taint: Association with sinapine. **1977**, 18, 539-541	50

1698	Adhesion of phospholipid vesicles to Chinese hamster fibroblasts. Role of cell surface proteins. **1977**, 74, 531-46	92
1697	Translocation of spin-labelled radioactive lipids from isolated guinea pig liver microsomal to mitochondrial membranes. **1977**, 55, 1159-65	4
1696	Aggregation-dependent changes in susceptibility of Dictyostelium discoideum to amphotericin B. **1977**, 11, 858-64	
1695	Phospholipase activity inCandida albicans. **1977**, 15, 179-185	49
1694	FATTY ACID COMPOSITION AND LIPID CONTENT OF LATE LARVAL AND PUPAL STAGES OF THE EASTERN HEMLOCK LOOPER, LAMBDINA FISCELLARIA FISCELLARIA (LEPIDOPTERA: GEOMETRIDAE). **1977**, 109, 347-350	2
1693	Purification and immunochemical characterization of the outer membrane complex of Bacteroides melaninogenicus subspecies asaccharolyticus. **1977**, 135, 787-99	65
1692	Biochemical and physiological studies of certain Ticks (Ixodoidea). Phospholipid classes in eggs, larvae, and hemolymph of Argas (Persicargas) arboreus (Argasidae) and Dermacentor andersoni (Ixodidae). **1977**, 14, 407-10	3
1691	Response of endocytosis to altered fatty acyl composition of macrophage phospholipids. **1977**, 74, 4895-9	139
1690	Isolation of an electrogenic K+/Ca2+ ionophore from an ionophoroprotein of beef heart mitochondria. **1977**, 74, 3667-71	16
1689	In vivo citrate studies with developing soybean cotyledons1. **1977**, 18, 399-404	4
1688	Host Response to Treponema pallidum Infection. **1977**, 55, 476-480	1
1687	Animal cell mutants defective in sterol metabolism: a specific selection procedure and partial characterization of defects. **1977**, 74, 3730-4	53
1686	On the nutrition and metabolism of zooplankton XI. Lipids in Calanus helgolandicus grazing Biddulphia sinensis. **1977**, 57, 525-533	33
1685	Reconstitution of glucose-transporting vesicles from erythrocyte membranes disaggregated in detergent. **1977**, 164, 125-9	9
1684	Identification and partial characterization of phospholipases in isolated adrenocortical cells. The effects of synacthen [corticotropin-(1--24)-tetracosapeptide] and calcium ions. **1977**, 164, 753-6	21
1683	Lipid-protein globules of avian egg yolk. Isolation and properties of globules stable in concentrated sodium chloride solution. **1977**, 166, 619-24	8
1682	Phospholipase A activity associated with membranes of human polymorphonuclear leucocytes. **1977**, 167, 839-41	62
1681	The effect of chronic diabetes, induced by streptozotocin, on the activities of some enzymes of glycerolipid synthesis in rat liver. **1977**, 168, 147-53	46

1680	Binding, interiorization and degradation of cholesteryl ester-labelled chylomicron-remmant particles by rat hepatocyte monolayers. **1977**, 168, 483-94	100
1679	Substrate specificities in ether lipid biosynthesis. Metabolism of polyunsaturated fatty acids and alcohols by rat brain microsomes. **1977**, 79, 411-6	19
1678	Solubilization of a functionally active proline carrier from membranes of Escherichia coli with an organic solvent. **1977**, 74, 366-73	27
1677	Growth inhibition of Halobacterium cutirubrum by cerulenin, a potent inhibitor of fatty acid synthesis. **1977**, 78, 36-44	6
1676	Uptake of glycolic acid by a marine bivalve. **1977**, 28, 243-254	7
1675	Effects of Diet, Ambient Temperature, and Holding Conditions on Plasma Thyroxine Levels in Rainbow Trout (Salmo gairdneri). **1977**, 34, 677-682	53
1674	Lipid composition of Trypanosoma cruzi. **1977**, 58, 195-9	15
1673	In Vivo Measurement of Resistance of Formaldehyde-Treated Oilseed Supplements to Hydrogenation in the Rumen. **1977**, 60, 1701-1705	5
1672	[Phospholipase of rat intestine: mode of action]. **1977**, 59, 355-61	14
1671	Leakage of sucrose from phosphatidylcholine liposomes induced by interaction with serum albumin. **1977**, 497, 183-91	67
1670	Milk and tissue lipid composition after feeding cows protected polyunsaturated fat for two years. **1977**, 60, 521-32	15
1669	Anaerobic metabolism in goldfish (Carassius auratus). **1977**, 55, 1304-11	53
1668	Isolation and properties of a glycerophosphate acylating fraction in the fat body of Schistocerca gregaria (Forskl). **1977**, 55, 1166-70	2
1667	Occurrence of a complex of aminoacryl-tRNA synthetases in lactating rat mammary gland. **1977**, 479, 311-21	30
1666	Distribution of lysophosphatidylcholine in single bilayer vesicles prepared without sonication. **1977**, 471, 391-400	19
1665	Arrangement of phosphatidylserine and phosphatidylethanolamine in the erythrocyte membrane. **1977**, 465, 198-209	26
1664	Membrane-associated components of the bacterial flagellar apparatus. **1977**, 465, 290-310	24
1663	Induction of a relatively fast transbilayer movement of phosphatidylcholine in vesicles. A 13CNMR study. **1977**, 468, 318-26	57

1662	The transposition of molecular classes of phosphatidylcholine across the rat erythrocyte membrane and their exchange between the red cell membrane and plasma lipoproteins. **1977**, 470, 465-74	51
1661	Self-regulation of membrane fluidity. The effect of saturated normal and methoxy fatty acid supplementation on Tetrahymena membrane physical properties and lipid composition. **1977**, 468, 73-80	28
1660	The use of a phospholipase A-less Escherichia coli mutant to establish the action of granulocyte phospholipase A on bacterial phospholipids during killing by a highly purified granulocyte fraction. **1977**, 466, 23-33	37
1659	Relationship between phospholipid compositions and transport activities of amino acids in Escherichia coli membrane vesicles. **1977**, 466, 44-56	26
1658	Control of fatty acid composition of Acholeplasma laidlawii membranes. **1977**, 466, 148-59	32
1657	The preparation of lipid-depleted bacteriorhodopsin. **1977**, 466, 315-24	24
1656	Plasma membranes from cardiac cells in culture. Enzymatic radio-iodination, evaluation of preparation and properties of the sarcolema. **1977**, 467, 29-43	12
1655	Hydrocarbon phase transitions and lipid-protein interactions in the erythrocyte membrane. A 31P NMR and fluorescence study. **1977**, 471, 213-26	63
1654	Phospholipid requirement of the membrane-bound Mg2+-dependent adenosinetriphosphatase in Acholeplasma laidlawaii. **1977**, 467, 346-56	47
1653	Stimulation of lymphocytes by concanavalin A. Temperature-dependent effect of fatty acid replacements. **1977**, 469, 33-44	28
1652	Phase transitions of phospholipid bilayers from an unsaturated fatty acid auxotroph of Escherichia coli. **1977**, 466, 393-401	16
1651	Topographical dissection of sheep erythrocyte membrane phospholipids by taurocholate and glycocholate. **1977**, 466, 526-30	29
1650	Effects of different bile salts upon the composition and morphology of a liver plasma membrane preparation. Deoxycholate is more membrane damaging than cholate and its conjugates. **1977**, 465, 68-76	78
1649	The purification and characterization of Dictyostelium discoideum plasma membranes. **1977**, 464, 142-56	59
1648	The structure of vesicular stomatitis virus membrane. A phosphorus nuclear magnetic resonance approach. **1977**, 464, 234-44	25
1647	Structural heterogeneity of the cytoplasmic and outer membranes of Escherichia coli. **1977**, 471, 92-104	39
1646	Membrane fluidizing effects of the general anesthetic methoxyflurane elicit an acclimation response in Tetrahymena. **1977**, 471, 157-61	33
1645	Phospholipase A in pulmonary secretions of patients with alveolar proteinosis. **1977**, 487, 354-60	20

1644	Effect of fasting and feeding a high-sucrose, fat-free diet on the synthesis of hepatic glycerolipids in vivo and in isolated hepatocytes. **1977**, 487, 105-14	40
1643	Studies on the biosynthesis of acylphosphatidylglycerol in Escherichia coli B and B/r. **1976**, 486, 47-54	16
1642	Studies on Tetrahymena membranes. Palmitoyl-coenzyme a desaturase, a possible key enzyme for temperature adaptation in Tetrahymena microsomes. **1977**, 488, 442-53	31
1641	Major outer membrane protein d of Escherichia coli K12. Purification and in vitro activity of bacteriophages k3 and f-pilus mediated conjugation. **1977**, 75, 285-90	102
1640	Reconstruction of an enzymic system of lipid peroxidation with properties of an intact microsomal system. **1977**, 74, 225-8	4
1639	The functional metabolism of vitamin D in rats treated with cortisol. **1977**, 82, 115-7	13
1638	Age related changes in the lipids of the microsomal and the mitochondrial membranes of rat liver and kidney. **1977**, 6, 197-205	83
1637	The stereoisomeric composition of phytanyl chains in lipids of Dead Sea sediments. **1977**, 41, 1381-1390	63
1636	Binding of markers of either side of plasma membranes to the cytoplasmic side of paraffin oil-loaded phagolysosomes. **1977**, 110, 93-101	6
1635	Nutritive value of rumen contents for monogastric animals. **1977**, 2, 351-360	6
1634	Isolated, ventilated, perfused newborn rabbit lung preparation and its assessment. **1977**, 43, 557-62	11
1633	Role of Biliary Lecithin in Lymphatic Transport of Fat. **1977**, 73, 1362-1367	50
1632	Metabolism of the apoproteins in pulmonary surfactant. **1977**, 42, 483-91	61
1631	Diphenamid Metabolism in Pepper and an Ozone Effect. I. Absorption, Translocation, and the Extent of Metabolism. **1977**, 25, 324-330	10
1630	Diphenamid Metabolism in Pepper and an Ozone Effect. II. Herbicide Metabolite Characterization. **1977**, 25, 331-337	8
1629	Differential Cold Tolerance of Quackgrass and Johnsongrass Rhizomes. **1977**, 25, 348-351	14
1628	Effect of fluoride on the serum lipids of guinea pigs. **1977**, 107, 97-103	6
1627	Reproduction and lipid composition of rats fed cyclopropene fatty acids. **1977**, 107, 574-83	8

1626	Chick brain calcium binding protein: response to cholecalciferol and some developmental aspects. **1977**, 107, 480-6	36
1625	Comparison of various methods for the extraction of total lipids, fatty acids, cholesterol, and other sterols from food products. **1977**, 54, 81-3	50
1624	Mackerel skin lipids as an unsaturated fat model system for the determination of antioxidative potency of TBHQ and other antioxidant compounds. **1977**, 54, 417-420	35
1623	Fatty acid content and composition of freshwater finfish. **1977**, 54, 424-9	135
1622	Amino acid composition, degradation and utilization of locust vitellogenin during embryogenesis. **1977**, 181, 113-122	26
1621	Radiation induced lipid oxidation in fish. **1977**, 164, 28-30	10
1620	Membrane localised gibberellins A9 and A4 in wheat chloroplasts. **1977**, 265, 375-377	38
1619	EFFECT OF CHEMICAL AND PHYSICAL TREATMENTS ON RANCIDITY DEVELOPMENT OF FROZEN MULLET (Mugil cephalus) FILLETS. **1977**, 42, 344-347	26
1618	Maleic acid-induced impaired conversion of 25(OH)D3 to 1,25(OH)2D3: implications for Fanconi's syndrome. **1977**, 12, 244-52	28
1617	Octadecenoic fatty acids and their association with hemolysis in malaria. **1977**, 24, 566-74	21
1616	SEED LIPIDS OF THE MIRACLE FRUIT (SYNSEPALUM DULCIFICUM). **1977**, 1, 173-184	5
1615	A reevaluation of fatty acids as inflammatory agents in acne. **1977**, 68, 93-7	51
1614	An in vivo evaluation of the inflammatory effect of purified comedonal components in human skin. **1977**, 69, 401-6	49
1613	Mammalian epidermal barrier layer lipids: composition and influence on structure. **1977**, 69, 535-46	242
1612	A method for 13C enrichment of phospholipid acyl chains using Tetrahymena. **1977**, 18, 367-73	1
1611	The cryopreservation of Chlorella. **1977**, 114, 249-254	16
1610	Variation in lipid classes during the molting cycle of the prawn Penaeus japonicus. **1977**, 39, 129-136	28
1609	Evidence for microfloral succession on allochthonous plant litter in Apalachicola Bay, Florida, USA. **1977**, 41, 229-240	55

1608	Diglyceride-transporting lipoproteins inLocusta. **1977**, 114, 177-190	97
1607	Energy metabolism of carp swimming muscles. **1977**, 114, 203-216	220
1606	Polar lipids of sun flower (Helianthus annuus L.) seeds. **1978**, 28, 211-218	4
1605	Metabolism of myo-Inositol and growth in various sugars of suspension-cultured tobacco cells. **1978**, 141, 77-82	14
1604	Compositional topography of melon and spermaceti organ lipids in the pygmy sperm whale Kogia breviceps: Implications for echolocation. **1978**, 47, 115-123	22
1603	Sustained swimming speeds and myotomal muscle function in the trout, Salmo gairdneri. **1978**, 13, 475-481	83
1602	Studies on the chemical nature of feeding stimulants for rainbow trout, Salmo gairdneri Richardson. **1978**, 12, 303-310	100
1601	The chemoattractant properties of comedonal components. **1978**, 71, 324-9	93
1600	Analysis of the water soluble extract of comedones. **1978**, 71, 330-3	9
1599	Changes in Malate Content and in Enzymes Involved in Dark CO2 Fixation during Growth of Acer pseudoplatanus Cells in Suspension Culture. **1978**, 43, 99-103	19
1598	Lipid Properties of Carex aquatilis from Hot Spring and Permafrost-Dominated Sites in Alaska: Implications for Nutrient Requirements. **1978**, 44, 231-237	13
1597	Growth and membrane lipid properties of Acholeplasma laidlawii B lacking fatty acid heterogeneity. **1978**, 272, 645-7	26
1596	ASCORBIC ACID AS AN ANTIOXIDANT IN FISH FLESH AND ITS DEGRADATION. **1978**, 43, 457-460	14
1595	Tuber composition in yellow nutsedge (Cyperus esculentus (L.)) variants. **1978**, 18, 373-377	11
1594	Ultrastructural and lipid changes associated with the aging of citrus leaves. **1978**, 94, 221-233	21
1593	Hydrolysis of glycerides by lipases of the fat body of the locust, Locusta migratoria. **1978**, 8, 11-16	29
1592	Lipid absorption by isolated intestinal preparations. **1978**, 8, 267-274	24
1591	Dynamics in the haemolymph trehalose pool during flight of the locust, Locusta migratoria. **1978**, 8, 413-416	57

1590	Physico-chemical properties of phosphatidylglycerol in membranes of Acholeplasma laidlawii. A study with phospholipase A2. **1978**, 84, 35-42	21
1589	Quantitative GLC analysis of sterols in biological samples. **1978**, 67, 1157-9	6
1588	Medusa Predation and Plankton Dynamics in a Temperate Fjord, British Columbia. **1978**, 35, 257-261	51
1587	Preliminary Assessment of the Presence of Oil in the Ecosystem at Ekofisk After the Blowout, April 22□0, 1977. **1978**, 35, 544-551	24
1586	Ether-containing lipids of methanogenic bacteria. **1978**, 82, 716-22	63
1585	Lipid composition of subcellular particles of sea urchin eggs Strongylocentrotus intermedius. **1978**, 60, 99-105	3
1584	Adaptation of Crithidia fasciculata to growth in the presence of carbonyl cyanide m-chlorophenylhydrazone. **1978**, 61C, 141-5	
1583	Functional Fish Protein Concentrate in Milk Replacers for Calves. **1978**, 61, 72-82	7
1582	Freeze-fracture identification of sterol-digitonin complexes in cell and liposome membranes. **1978**, 78, 577-96	142
1581	Phosphatidic and lysophosphatidic acid production in phospholipase C-and thrombin-treated platelets. Possible involvement of a platelet lipase. **1978**, 60, 653-61	167
1580	Involvement of cholecalciferol metabolism in birds in the adaptation of calcium absorption to the needs during reproduction. **1978**, 59, 245-9	12
1579	Interaction of phospholipid vesicles with rat hepatocytes in primary monolayer culture. **1978**, 542, 456-69	30
1578	Molecular species of liver triglycerides during development of Gallus gallus. **1978**, 23, 2205-11	1
1577	Plasma levels of vitellogenin in the elasmobranch Scyliorhinus canicula L. (lesser spotted dogfish). **1978**, 60, 9-18	14
1576	Effect of glycolipids detectable in transformed human cells on interferon activities. **1978**, 85, 77-84	26
1575	Early Damage Indicators in the Lung: II. Time Sequence of Protein Accumulation and Lipid Loss in the Airways of Beagle Dogs with Beta Irradiation of the Lung. **1978**, 76, 145	27
1574	Non-lamellar structure in rabbit liver microsomal membranes: a 31P-NMR study. **1978**, 91, 109-12	97
1573	Disposition of phosphatidylglycerol in metabolizing cells of Acholeplasma laidlawii. **1978**, 87, 49-51	26

1572	The pathway of [14C]bicarbonate incorporation into lipids in isolated photosynthesising spinach chloroplasts. **1978**, 88, 192-196	32
1571	Transfer of phospholipids between subcellular fractions of the lung. **1978**, 86, 277-81	55
1570	Complete exchange of phospholipids between microsomes and plasma lipoproteins mediated by liver phospholipid-exchange proteins. **1978**, 94, 38-42	24
1569	Biological deactivation of the active analogue of cholecalciferol. **1978**, 96, 75-8	4
1568	Flight and substrate utilisation in laboratory-reared males of Atta sexdens. **1978**, 24, 821-825	17
1567	Nature of freezing damage on the lipopolysaccharide molecule of Escherichia coli B. **1978**, 15, 578-84	18
1566	Myotonic dystrophy: studies on the lipid composition and metabolism of erythrocytes and skin fibroblasts. **1978**, 83, 13-23	24
1565	Phospholipid substitution of the purple membrane. The stoichiometry of light-induced proton release by phospholipid-substituted purple membranes. **1978**, 503, 362-79	15
1564	Effects of bile salts of human erythrocytes. Plasma membrane vesiculation, phospholipid solubilization and their possible relationships to bile secretion. **1978**, 509, 33-47	78
1563	Evidence for isotropic motion of phospholipids in liver microsomal membranes. A 31P NMR study. **1978**, 514, 1-8	93
1562	Effect of membrane cholesterol on potassium transport in Mycoplasma mycoides var. Capri (PG3). **1978**, 514, 152-63	25
1561	Studies on the heterogeneity of sarcoplasmic reticulum vesicles. **1978**, 513, 221-35	41
1560	Transfer of phosphatidylcholine between different membranes in Tetrahymena as studied by spin labeling. **1978**, 508, 55-64	15
1559	Acylation of monoacylglycerophosphoethanolamine in the inner and outer membranes of the envelope of an Escherichia coli K12 strain and its phospholipase A-deficient mutant. **1978**, 508, 165-73	19
1558	Accessibility of phospholipids in the chromaffin granule membrane. **1978**, 513, 321-37	32
1557	Isothermal regulation of membrane fluidity in murine fibroblasts with altered phospholipid polar head groups. **1978**, 511, 356-76	36
1556	Rapid transbilayer movement of phospholipids induced by an asymmetrical perturbation of the bilayer. **1978**, 507, 38-47	64
1555	The characteristics of lubrol-solubilized adenylate cyclase from rat liver plasma membranes. **1978**, 522, 625-39	24

1554	Studies on Tetrahymena membranes. **1978**, 530, 165-174	10
1553	Phospholipid metabolism of monkey smooth muscle cells grown in hyperlipemic serum. **1978**, 530, 175-87	2
1552	Phospholipid-deacylating enzymes of rat stomach mucosa. **1978**, 528, 318-30	43
1551	The effect of corticotropin on phospholipid metabolism in isolated adrenocortical cells. **1978**, 528, 355-63	25
1550	The importance of the lysophosphatidylcholine and choline moiety of bile phosphatidylcholine in lymphatic transport of fat. **1978**, 528, 364-72	56
1549	Quantitative aspects of free and esterified sterols in Saccharomyces cerevisiae under various conditions. **1978**, 528, 416-23	14
1548	Effect of a choline inhibitor (N-isopropylethanolamine) on cellular metabolism of L-M cells. **1978**, 529, 351-8	5
1547	Studies on a phospholipase B from Penicillium notatum. **1978**, 529, 29-37	16
1546	Mechanism of thermal adaptation of membrane lipids in Tetrahymena pyriformis NT-1 possible evidence for temperature-mediated induction of palmitoyl-CoA desaturase. **1978**, 529, 54-66	77
1545	The synthesis of phosphatidylcholine by adult rat lung alveolar type II epithelial cells in primary culture. **1978**, 529, 160-70	101
1544	Phosphatidylcholine synthesis in newborn rabbit lung. Developmental pattern and the influence of nutrition. **1978**, 528, 190-8	7
1543	Studies on sphingomyelinase of Bacillus cereus I. Purification and properties. **1978**, 528, 247-256	74
1542	Effect of intramolecular fatty acid distribution on aspects of triacylglycerol digestion and absorption studied in vitro. **1978**, 531, 257-65	8
1541	Fat metabolism in higher plants. The elongation of saturated and unsaturated acyl-CoAs by a stromal system from isolated spinach chloroplasts. **1978**, 190, 210-20	14
1540	Phospholipid synthesis in differentiating cells of rat intestine. **1978**, 190, 508-13	11
1539	The manipulation of fatty acid composition in L-M cell monolayers supplemented with cyclopentenyl fatty acids. **1978**, 190, 838-46	10
1538	Metabolism of monoacylglycerol and diacylglycerol by enzyme preparations from spinach leaves. **1978**, 191, 487-93	4
1537	Interrelated lipid alterations and their influence on the proliferation and fusion of cultured myogenic cells. **1978**, 77, 334-57	73

1536	Target substances of some antifungal agents in the cell membrane. **1978**, 13, 454-9	16
1535	Abnormal vitamin D metabolism in cirrhosis. **1978**, 19, 290-3	36
1534	The True Metabolizable Energy Values of Mixtures of Tallow with Either Soybean Oil or Lard. **1978**, 57, 473-477	34
1533	The lipids of six species of shark. **1978**, 58, 913-921	22
1532	An annual cycle of vitellogenesis in the elasmobranch Scyliorhinus canicula. **1978**, 58, 719-726	46
1531	Effect of ascorbic acid on oxygen consumption, glycolysis and lipid metabolism of diabetic rat testis. Ascorbic acid and diabetes, I. **1978**, 16, 651-5	
1530	The effect of dietary monoterpenes on the cholesterol level of eggs. **1978**, 57, 304-6	24
1529	Chill Stowage and Development of Rancidity in Frozen Pacific Herring, Clupea harengus pallasi. **1978**, 35, 473-477	16
1528	Temperature-induced differences in growth rate and fatty acid composition in two strains of Escherichia coli 15T-. **1978**, 24, 1277-80	
1527	Automated and Rapid Quantitative Analysis of Lipids with Chromarods. **1978**, 16, 443-447	83
1526	Vitamin D metabolism and expression in rats fed on low-calcium and low-phosphorus diets. **1978**, 170, 227-33	20
1525	Problems encountered in measuring the activity of phosphatidate phosphohydrolase. **1978**, 171, 263-6	54
1524	The isolation and partial characterization of the serum lipoproteins and apolipoproteins of the rainbow trout. **1978**, 173, 507-20	65
1523	Evidence for the existence of different pools of microsomal phosphatidylinositol by the use of phosphatidylinositol-exchange protein. **1978**, 174, 413-20	46
1522	Uptake and degradation of iodine-labelled chylomicron remnant particles by monolayers of rat hepatocytes. **1978**, 174, 827-38	39
1521	Subcellular structure of bovine thyroid gland. The localization of the peroxidase activity in bovine thyroid. **1978**, 174, 939-49	12
1520	Synthesis of 1 alpha-hydroxy[7-3H]cholecalciferol and its metabolism in the chick. **1978**, 176, 111-7	11
1519	Short-term effects of cytokinins on the lipid fatty acids of green leaves. **1978**, 19, 801-810	9

1518	Influence of dietary biotin level on growth, metabolism and pathology of rainbow trout. **1978**, 108, 698-711	30
1517	Dose dependent reduction of glucose utilization by pentobarbital in rat brain. **1978**, 9, 12-8	152
1516	A Simple and Improved Method for the Determination of Microgram Quantities of Nitrogen in Plant Material. **1978**, 42, 363-366	20
1515	Studies on the absorption spectra of chlorophyll a in aqueous dispersions of lipids from the photosynthetic membranes. **1978**, 19, 401-410	17
1514	Phospholipid vesicle stimulation of proacrosin activation. **1978**, 75, 149-52	22
1513	Protein Nutritional Quality of Meal Made From Several Cultivars of Peanuts as Measured by Rat Bioassay1. **1978**, 5, 19-22	5
1512	Membrane lateral phase separations and chlortetracycline transport by Bacillus megaterium. **1978**, 75, 1319-23	14
1511	Low concentrations of indomethacin inhibit phospholipase A2 of rabbit polymorphonuclear leukocytes. **1978**, 75, 2955-8	133
1510	Isolation and characterization of a human serum cholesteryl ester transfer protein. **1978**, 75, 3445-9	196
1509	Polar Lipid Composition During Sunflower (Helianthus annuus) Seed Development. **1978**, 173, 11-16	8
1508	Skin Lipids, Water Loss, and Energy Metabolism in a South American Tree Frog (Phyllomedusa sauvagei). **1978**, 51, 179-187	49
1507	Choline deficiency and the reversibility of renal lesions in rats. **1978**, 108, 434-46	7
1506	Reconstitution of purified detergent-soluble HLA-A and HLA-B antigens into phospholipid vesicles. **1978**, 75, 3230-4	57
1505	Studies on the apoproteins of the major lipoprotein of the yolk of hen's eggs III. Influence of salt concentration during isolation on the amount and composition of the apoproteins. **1978**, 31, 587-92	6
1504	Transfer of phospholipids from microsomes to mitochondria in germinating castor bean endosperm. **1978**,	
1503	Phospholipase D. **1978**, 16, 267-326	195
1502	Molecular biology of metabolic disease: defects in the regulation of enzymic activity. **1978**, 23, 274-88	1
1501	Vaccenic acid in tissue lipids and its positional distribution in glycerolipids of rats fed a polyunsaturated fat diet. **1979**, 109, 565-72	13

1500	Effects of dietary fats on the coronary flow rate and the left ventricular function of the isolated rat heart. **1979**, 23, 88-97	16
1499	Insertion of Ia and H-2 alloantigens into model membranes. **1979**, 76, 902-6	23
1498	A phosphatidyl choline exchange protein isolated from germinated castor bean endosperms. **1979**,	
1497	ORGANISMAL, TISSUE AND ENZYMATIC LEVEL METABOLIC RESPONSES TO AN OXYGEN-RICH ENVIRONMENT. **1979**, 737-754	
1496	Factors Affecting Mycelial Growth, Lipid Content and Fatty-Acid Composition in Achlya Flagellata. **1979**, 71, 293-304	2
1495	Oxacillin-induced lysis of Staphylococcus aureus. **1979**, 16, 134-40	30
1494	Investigation of an intracellular hemolytic agent of Vibrio parahaemolyticus. Lipid fraction of dried cells. **1979**, 23, 305-12	2
1493	Diagnosis of bacterial meningitis by gas-liquid chromatography. I. Chemotyping studies of Streptococcus pneumoniae, Haemophilus influenzae, Neisseria meningitidis, Staphylococcus aureus, and Escherichia coli. **1979**, 140, 443-52	18
1492	Diagnosis of bacterial meningitis by gas-liquid chromatography. II. Analysis of spinal fluid. **1979**, 140, 453-64	25
1491	Antihypertensive polar renomedullary lipid, a semisynthetic vasodilator. **1979**, 1, 299-308	73
1490	The performance of lambs reared by ewes given protected lipids during late pregnancy and early lactation. **1979**, 28, 287-296	1
1489	Fatty Acid Composition of Kelp on the West Coast of South Africa and Some Ecological Implications. **1979**, 22,	2
1488	Studies on the hydrolysis of 1-alkyl-sn-glycero-3-phosphoethanolamine in subcellular fractions of rat brain. **1979**, 360, 1091-7	13
1487	Inhibition of Halobacterium cutirubrum Lipid Biosynthesis by Bacitracin. **1979**, 111, 423-427	16
1486	Source of the cholesterol ester accumulated in monkey arterial smooth muscle cells grown in hyperlipemic serum. **1979**, 45, 821-8	12
1485	Use of diacylclycerol kinase to quantitate picomole levels of 1,2-diacylglycerol. **1979**, 98, 123-31	58
1484	Microdetermination of thiobarbituric acid values in marine lipids by a direct spectrophotometric method with a monophasic reaction system. **1979**, 106, 279-284	61
1483	Temperature dependence of the fluorescence of pyrene labeled crab nerve membranes. **1979**, 27, 147-53	15

1482	Production of arachidonic acid by a hydrocarbon-utilizing strain of Penicillium cyaneum. **1979**, 7, 173-180	5
1481	Changes in plasma thyroxine, triiodothyronine and cortisol associated with starvation in rainbow trout (Salmo gairdneri). **1979**, 4, 185-190	56
1480	Positional specificity in the incorporation of isomeric cis- and trans-octadecenoic acids into glycerolipids of cultured soya cells. **1979**, 145, 479-85	16
1479	Changing fatty acid composition during somatic embryogenesis in cultures of Daucus carota. **1979**, 144, 451-4	24
1478	Acetate incorporation into the lipids of the anemone Anthopleura elegantissima and its associated zooxanthellae. **1979**, 54, 185-194	49
1477	Fatty-acid metabolism in senescing and regreening soybean cotyledons. **1979**, 147, 246-50	2
1476	Determination of the sedimentary microbial biomass by extractible lipid phosphate. **1979**, 40, 51-62	1371
1475	Changes in the biochemical composition of the ovaries of the seastar Asterias rubens during its annual reproductive cycle. **1979**, 50, 255-261	43
1474	Effect of leukocyte hydrolases on bacteria. XIII. Role played by leukocyte extracts, lysolecithin, phospholipase a2, lysozyme, cationic proteins, and detergents in the solubilization of lipids from Staphylococcus aureus and group A streptococci: relation to bactericidal and bacteriolytic reactions in inflammatory sites. **1979**, 3, 365-77	10
1473	Changes in the biochemical composition of the pyloric caeca of female seastars,Asterias rubens, during their annual reproductive cycle. **1979**, 53, 231-238	40
1472	Storage and depletion of lipid components in the pyloric caeca and ovaries of the seastarAsterias rubens during its annual reproductive cycle. **1979**, 53, 239-247	38
1471	Ionophore A23187 disrupts membrane structure by modifying protein-lipid interactions. **1979**, 281, 82-3	47
1470	Steroid hormone metabolism in skin and isolated sebaceous glands: preliminary observations on the effects of age. **1979**, 73, 118-22	3
1469	Localization and composition of lipids in neonatal mouse stratum granulosum and stratum corneum. **1979**, 73, 339-48	183
1468	The Effect of Monochromatic Light on Linolenic and Trans-3-Hexadecenoic Acids Biosynthesis, and Its Correlation to the Development of the Plastid Lamellar System. **1979**, 45, 429-436	17
1467	Fatty Acid and Polar Lipid Composition in the Classification of Cellulomonas, Oerskovia and Related Taxa. **1979**, 47, 87-95	699
1466	A chylous mesenteric cyst and a study of its contents. **1979**, 24, 797-801	7
1465	The enzymatic synthesis of wax esters by a microsomal preparation from the honeybee Apis mellifera L.. **1979**, 9, 183-188	15

1464	Variations in glycogen, total fat, and caloric energies of the American oysterCrassostrea virginica (Gmelin) from natural reefs in the Mississippi Sound. **1979**, 88, 397-409	5
1463	The lipids of corn germ and endosperm. **1979**, 56, 637-641	23
1462	Differences in cellular fatty acids and lipid composition inClostridium pasteurianum under nitrogen-and non-nitrogen-fixing conditions. **1979**, 3, 55-58	1
1461	Intracytoplasmic membrane production inEscherichia coli O111a1: Isolation and lipid characterization of cell membranes. **1979**, 2, 5-10	2
1460	Contrasting effects on bone formation and on fracture healing of cholecalciferol and of 1 alpha-hydroxycholecalciferol. **1979**, 28, 245-51	17
1459	Events surrounding the early development of Euglena chloroplasts. 15. Origin of plastid thylakoid polypeptides in wild-type and mutant cells. **1979**, 547, 512-30	23
1458	Calcium-induced potassium pathway in sided erythrocyte membrane vesicles. **1979**, 554, 180-94	12
1457	The involvement of the lipid phase transition in the plasma-induced dissolution of multilamellar phosphatidylcholine vesicles. **1979**, 556, 196-207	40
1456	Physicochemical properties of dipalmitoyl phosphatidylcholine after interaction with an apolipoprotein of pulmonary surfactant. **1979**, 557, 86-101	88
1455	Asymmetric distribution of arachidonic acid in the plasma membrane of human platelets. A determination using purified phospholipases and a rapid method for membrane isolation. **1979**, 556, 434-46	124
1454	Effect of cholesterol on the valinomycin-mediated uptake of rubidium into erythrocytes and phospholipid vesicles. **1979**, 555, 259-69	9
1453	Biochemical studies of the excitable membrane of Paramecium tetraurelia. II. Phospholipids of ciliary and other membranes. **1979**, 550, 174-87	42
1452	Modification of membrane lipids. Phenethyl alcohol-induced alteration of lipid composition in Tetrahymena membranes. **1979**, 552, 38-52	10
1451	Correlation between fluidity and fatty acid composition of phospholipid species in Tetrahymena pyriformis during temperature acclimation. **1979**, 558, 273-81	30
1450	Isolation of plasma membrane vesicles, derived from transverse tubules, by selective homogenization of subcellular fractions of frog skeletal muscle in isotonic media. **1979**, 552, 247-61	27
1449	Sensitization of chemotactic response by changing the lipid composition of surface membrane in Tetrahymena pyriformis. **1979**, 553, 396-403	5
1448	Plasma membrane aminophospholipid distribution in transformed murine fibroblasts. **1979**, 558, 1-12	52
1447	Localization of lysophosphatidylcholine in bovine chromaffin granules. **1979**, 558, 73-84	23

1446	Lipid distribution in Acholeplasma laidlawii membrane. A study using the lactoperoxidase-mediated iodination. **1979**, 555, 547-52	24
1445	Characteristics of phospholipids in microvillar membranes of octopus photoreceptor cells. **1979**, 556, 61-71	28
1444	Pulmonary phosphatidic acid phosphatase. Properties of membrane-bound phosphatidate-dependent phosphatidic acid phosphatase in rat lung. **1979**, 574, 212-25	27
1443	Pulmonary phosphatidic acid phosphatase. A comparative study of the aqueously dispersed phosphatidate-dependent and membrane-bound phosphatidate-dependent phosphatidic acid phosphatase activities of rat lung. **1979**, 574, 226-39	22
1442	Synthesis and content of ether-linked glycerophospholipids in the harderian gland of rabbits. **1979**, 574, 248-57	12
1441	Kinetics of the in vivo labeling of the acyl groups of rabbit lung phosphatidylcholine and disaturated phosphatidylcholine. **1979**, 574, 268-79	15
1440	Lipid composition of aminopterin-resistant and sensitive strains of Streptococcus pneumoniae. Effect of aminopterin inhibition. **1979**, 574, 290-300	39
1439	Regulation of ether lipids and their precursors in relation to glycolysis in cultured neoplastic cells. **1979**, 575, 215-24	16
1438	Studies on molecular species of choline glycerophospholipids of developing rat brain. **1979**, 574, 57-63	11
1437	The influence of hormones on the biochemical development of fetal rat lung in organ culture. I. Estrogen. **1979**, 575, 375-83	58
1436	Association of lysolecithin acyltransferase with the high density lipoproteins and its activation by the low density lipoproteins in normal human plasma. **1979**, 573, 212-7	14
1435	Effects of betamethasone on phospholipid content, composition and biosynthesis in the fetal rabbit lung. **1979**, 572, 64-76	114
1434	Alterations in lipid metabolism of developing muscle cells in culture. **1979**, 572, 139-45	11
1433	Lipid biosynthesis in the marine flatworm Convoluta roscoffensis and its algal symbiont Platymonas convoluta. **1979**, 573, 464-80	22
1432	Studies on the biosynthesis of sulfolipids in the Diatom Nitzschia alba. **1979**, 573, 557-61	18
1431	Cell triacylglycerol accumulation from very low density lipoproteins isolated from normal and hypertriglyceridemic human sera. **1979**, 574, 414-22	15
1430	Utilization of endogenous diacylglycerol for the synthesis of triacylglycerol, phosphatidylcholine and phosphatidylethanolamine by lipid particles from baker's yeast (Saccharomyces cerevisiae). **1979**, 574, 448-60	18
1429	Identification of sarcoplasmic reticulum-like system in Physarum polycephalum. **1979**, 107, 335-9	12

1428	Transfer of phosphatidylinositol from microsomes to liposomes mediated by phospholipid transfer proteins: The inability of phosphatidylserine and sphingomyelin to replace phosphatidylcholine in stimulating this process. **1979**, 107, 30-2	10
1427	The possible role of transhexadecenoic acid and phosphatidylglycerol in light reactions of photosynthesis. **1979**, 106, 414-418	25
1426	The configuration at C-25 of human 25,26-dihydroxycholecalciferol. **1979**, 106, 162-4	9
1425	The synthesis of galactosydiacylglycerols by chloroplast envelopes. **1979**, 102, 33-7	18
1424	The separation of photochemically active PS-I and PS-II containing chlorophyll-protein complexes by isoelectric focusing of bean thylakoids on polyacrylamide gel plates. **1979**, 104, 71-77	35
1423	Phospholipase A activity with integrated phospholipid vesicles in intact cells of an envelope mutant of Escherichia coli. **1979**, 108, 261-5	16
1422	Reconstitution of the Mg2+-ATPase of the chromaffin granule membrane. **1979**, 103, 323-7	22
1421	Effects of lipid-phase separation on the filipin action on membranes of ergosterol-replaced Tetrahymena cells, as studied by freeze-fracture electron microscopy. **1979**, 550, 269-78	23
1420	Antihypertensive activity of an alkyl ether analog of phosphatidylcholine. **1979**, 90, 1194-200	518
1419	Perturbation of lipid metabolism in L-M cultured cells by elaidic acid supplementation: formation of fatty alcohols. **1979**, 91, 1497-503	4
1418	Solubilization of alkyldihydroxyacetone-P synthase from Ehrlich ascites cell microsomal membranes. **1979**, 90, 278-84	9
1417	Activation, after medium replacement, of 32P-phosphate incorporation into phospholipids of succinyl-concanavalin A arrested fibroblasts. **1979**, 87, 253-7	3
1416	THE EFFECTS OF GLUCOCORTICOIDS ON THE DISTRIBUTION AND MOBILISATION OF ARACHIDONIC ACID IN FAT CELL GHOSTS. **1979**, 67, 393-400	12
1415	The release of prostaglandin E2 from the skin of the plaice, Pleuronectes platessa L. **1979**, 66, 547-52	6
1414	PROCEEDINGS OF THE British Pharmacological Society. **1979**, 66, 64P-157P	
1413	Electric breakdown of bilayer phospholipid membranes under ultraviolet irradiation-induced lipid peroxidation. **1979**, 106, 53-5	12
1412	Unicellular algae as a food for turbot (Scophthalmus maximus L.) larvae The importance of dietary long-chain polyunsaturated fatty acids. **1979**, 18, 227-240	115
1411	Metabolism of sitosterol in the mussel and the snail. **1979**, 63, 323-327	2

1410	Physical and chemical characterization of vitellogenin from the hemolymph and eggs of the tobacco hornworm, Manduca sexta. **1979**, 63, 459-68	6
1409	Adaptation of fatty acid compositions to temperature: study on planktonic crustaceans. **1979**, 64, 71-76	29
1408	Phospholipid metabolism of 3T3 mouse fibroblasts after serum stimulation and through the G1 and S cell cycle phases : incorporation and disappearance of 32P. **1978**, 60, 1307-13	9
1407	Turn over a platelet arachidonic and linoleic acids. **1979**, 61, 127-30	12
1406	Assay for vitamin D2 and vitamin D3 in plasma of dairy cows: changes after massive dosing of vitamin D3. **1979**, 62, 1746-51	11
1405	Alterations in the cell envelope composition of Proteus mirabilis during the development of swarmer cells. **1979**, 584, 389-97	15
1404	Wax synthesis by an enzyme system from the honey bee. **1979**, 63, 131-135	1
1403	Effects of etofibrate, clofibrate and nicotinic acid on lipid metabolism in normolipemic rats. **1979**, 10, 215-9	15
1402	Dose response kinetics of serum vitellogenin, liver DNA, RNA, protein and lipid after induction by estradiol-17 beta in male flounders (Platichthys flesus L.). **1979**, 63, 1-6	15
1401	Effect of dietary Mirex and PCB's on hepatosomatic index, liver lipid, carcass lipid and PCB and Mirex bioaccumulation in yearling coho salmon, Oncorhynchus kisutch. **1979**, 63C, 243-6	7
1400	Failure to demonstrate stimulatory effect of prolactin on vitamin D metabolism in vitamin-D-deficient rats. **1979**, 28, 925-7	17
1399	Genetic differences in lipid and dry matter content between strains of rainbow trout (Salmo gairdneri) and their hybrids. **1979**, 18, 253-262	23
1398	Formulation of cheaper artificial feeds for shrimp culture: Preliminary biochemical, physical and biological evaluation. **1979**, 16, 309-317	7
1397	Studies on the presentation of artificial diets for rearing the larvae of Penaeus japonicus Bate. **1979** , 17, 33-43	67
1396	Influences of Dieldrin on the Growth and Body Composition of Fingerling Rainbow Trout (Salmo gairdneri) Fed Oregon Moist Pellets or Tubificid Worms (Tubifex sp.). **1979**, 36, 77-80	10
1395	The nutritional value and quality of squid (Illex illecebrosus) meal as source of dietary protein for broiler chicken. **1979**, 41, 163-73	8
1394	Vascular smooth muscle cells for studies of cellular aging in vitro; an examination of changes in structural cell lipids. **1979**, 77-91	5
1393	THE BIOLOGY AND ECOLOGY OF A BRACKISH LAGOON BIVALVE, CERASTODERMA GLAUCUM BRUGUIÈRE, IN AN ENGLISH LAGOON, THE WIDEWATER, SUSSEX. **1979**,	

1392	THE BIOLOGY AND ECOLOGY OF A BRACKISH LAGOON BIVALVE, CERASTODERMA GLAUCUM BRUGUIÈRE, IN LAGO LUNGO, ITALY. **1979**,	1
1391	Biochemical Correlates of Seasonal Change in Marine Communities. **1979**, 113, 643-658	12
1390	Assay of 25-hydroxyvitamin D3 in human plasma by high-performance liquid chromatography. **1979** , 25, 469-78	5
1389	Membranes and bile formation. Composition of several mammalian biles and their membrane-damaging properties. **1979**, 178, 201-8	180
1388	Metabolism and biological activity of 25-fluorocholecalciferol, 24-dehydrocholecalciferol and 25-dehydrocholecalciferol in the rat. **1979**, 182, 1-9	15
1387	Lipid environment of gastric potassium ion-stimulated adenosine triphosphatase. **1979**, 182, 637-40	13
1386	Metabolism of cholecalciferol in land snails. **1979**, 184, 157-61	11
1385	Mapping the membrane proteins of Newcastle-disease virus with a photoreactive glycolipid probe. **1979**, 177, 765-8	21
1384	Effect of chronic ethanol administration on energy metabolism and phospholipase A2 activity in rat liver. **1979**, 178, 23-33	56
1383	Determination of vitamin D and its metabolites in plasma from normal and anephric man. **1979**, 182, 55-69	283
1382	Phospholipid-deacylating enzymes of rat small intestinal mucosa. **1979**, 85, 29-39	10
1381	Rotational motion and evidence for oligomeric structures of sarcoplasmic reticulum Ca2+-activated ATPase. **1979**, 76, 3860-4	61
1380	Entrapment of a bacterial plasmid in phospholipid vesicles: potential for gene transfer. **1979**, 76, 3348-52	85
1379	Stimulation of phospholipid metabolism in embryonic muscle cells treated with phospholipase C. **1979**, 76, 4474-8	34
1378	Intermolecular crosslinking of fatty acyl chains in phospholipids: use of photoactivable carbene precursors. **1979**, 76, 2595-9	56
1377	Respiratory Metabolism during Postembryonic Development in the Black Carpet Beetle1. **1979**, 72, 676-680	6
1376	Peroxidative breakdown of phospholipids in human spermatozoa, spermicidal properties of fatty acid peroxides, and protective action of seminal plasma. **1979**, 31, 531-7	586
1375	A simple method for measuring phosphatidylcholine as its hydrophobic complex with tetrathiocyanatocobaltate. **1979**, 86, 825-8	5

1374	Properties of purified detergent-resistant phospholipase A of Escherichia coli K-12. Inactivation, and protection with detergents and phospholipids. **1979**, 86, 1129-38	20
1373	Concanavalin A-induced increase in the membrane fluidity of chicken erythrocytes. **1979**, 86, 1807-15	6
1372	Effects of saponins on bile acids and plasma lipids in the rat. **1979**, 42, 209-16	87
1371	Bacteriochlorophyll a-types in chromatophore and subchromatophore preparations from Rhodopseudomonas sphaeroides. **1979**, 86, 1411-7	3
1370	Sub-cellular fractionation of Trypanosoma brucei. Isolation and characterization of plasma membranes. **1980**, 80, 507-24	40
1369	The effects of soya-bean oil and type of forage in the diet on the plasma lipid composition of sheep. **1980**, 44, 333-41	6
1368	Tryptophan and the control of triglyceride and carbohydrate metabolism in the rat. **1980**, 43, 349-56	14
1367	Intracellular localization of capsaicin and its analogues in Capsicum fruit II. The vacuole as the intracellular accumulation site of capsaicinoid in the protoplast of Capsicum fruit. **1980**,	0
1366	Structural and metabolic alterations of lung phosphatidylcholines by essential fatty acid deficiency. **1980**, 26, 293-308	2
1365	Properties of spermatozoal superoxide dismutase and lack of involvement of superoxides in metal-ion-catalysed lipid-peroxidation and reactions in semen. **1980**, 191, 289-97	104
1364	Isolation of Lamellar Bodies from Aleurone Layers of Wheat Grains. **1980**, 141, 139-148	5
1363	The effects of trypsin and phospholipase C on insulin binding and action in the isolated adipocyte. **1980**, 186, 535-40	21
1362	A high-affinity cytosol binding protein for 1 alpha,25-dihydroxycholecalciferol in the uterus of Japanese quail. **1980**, 190, 513-8	15
1361	Partial purification and characterization of oestrogen receptors in subfractions of hepatocyte plasma membranes. **1980**, 191, 743-60	126
1360	Effects of phenobarbital upon triacylglycerol metabolism in the rabbit. **1980**, 192, 165-75	15
1359	Essential fatty acids in the diet of prawn. III. Lipid metabolism and fatty acid composition.. **1980**, 46, 483-488	53
1358	Transport of dietary lipids and role of serum lipoproteins in the prawn.. **1980**, 46, 51-55	24
1357	Conversion of linolenic acid to .OMEGA.3-highly unsaturated fatty acids in marine fishes and rainbow trout.. **1980**, 46, 1231-1233	69

1356	Hydrolysis and synthesis of wax ester by calanoid copepod, Acartia clausi, preparation.. **1980**, 46, 1501-1505	1
1355	Culture of atlantic silversides fed on artificial diets and brine shrimp nauplii.. **1980**, 46, 237-245	3
1354	Occurrence of unusually high level of wax esters in deep-sea teleost fish muscle, Hoplostethus atlanticus.. **1980**, 46, 459-463	14
1353	A direct colorimetric method for the determination of phospholipids with dithiocyanatoiron reagent. **1980**, 88, 463-8	31
1352	Studies on the mechanism of capacitation: albumin-mediated changes in plasma membrane lipids during in vitro incubation of rat sperm cells. **1980**, 77, 1546-50	141
1351	Effect of dietary lipids on growth, tissue composition and metabolism of the oyster (Crassostrea virginica). **1980**, 110, 1303-9	64
1350	The chloroplast envelope of Phaseolus vulgaris L. II. Enzymic characteristics. **1980**, 21, 709-717	6
1349	Serum and liver lipids in growing rats fed casein with L-lysine. **1980**, 110, 1224-30	23
1348	Effect of dietary unsaturated oils on the biosynthesis of cholesterol, and on biliary and fecal excretion of cholesterol and bile acids in rats. **1980**, 110, 2149-58	41
1347	Acute hemorrhagic pancreatic necrosis in mice. Alterations of pancreatic lipase activity, pancreas lipids, and serum lipoproteins. **1980**, 20, 314-22	11
1346	Absorption and excretion of cholecalciferol and of 25-hydroxycholecalciferol and metabolites in birds. **1980**, 110, 1930-4	50
1345	Translocation of phospholipids from the inner to the outer membrane of Escherichia coli. **1980**, 77, 1867-71	41
1344	Evidence for a role in stimulus--secretion coupling of prostaglandins derived from release of arachidonoyl residues as a result of phosphatidylinositol breakdown. **1980**, 77, 3292-6	48
1343	Mouse peritoneal macrophages release leukotriene C in response to a phagocytic stimulus. **1980**, 77, 4928-32	165
1342	Autoradiographic detection of animal cell membrane mutants altered in phosphatidylcholine synthesis. **1980**, 77, 5192-6	73
1341	Delipidation of bacteriorhodopsin and reconstitution with exogenous phospholipid. **1980**, 77, 323-7	107
1340	A cholesteryl ester transfer complex in human plasma. **1980**, 77, 3327-30	183
1339	Resource allocation patterns of two California-Sonoran desert ephemerals. **1980**, 46, 86-91	18

1338	Change in chemical composition of membrane of Bacillus caldotenax after shifting the growth temperature. **1980**, 126, 103-8	37
1337	Reproductive effort of winkles (Littorina spp.) with contrasted methods of reproduction. **1980**, 47, 130-136	58
1336	Incorporation of [2(14)C]malonyl CoA into fatty acids by a cell-free extract of Catharanthus roseus suspension culture cells. **1980**, 150, 412-8	0
1335	A comparative study on the composition of chlorosomes (Chlorobium vesicles) and cytoplasmic membranes from Chloroflexus aurantiacus strain Ok-70-fl and Chlorobium limicola f. thiosulfatophilum strain 6230. **1980**, 124, 21-31	149
1334	The influence of body composition on the survival of juvenile salmon. **1980**, 69, 67-72	104
1333	Acides gras de trois microsporidies (Protozoa) et de leur hŒeCarcinus mediterraneus (Crustacea), sain et parasit"parThelohania maenadis. **1980**, 61, 99-107	5
1332	Phospholipids in washings from the lungs of the frog (Rana pipiens). **1980**, 139, 117-120	9
1331	Effect of irrigation on lipid biosynthesis in maturing sunflower seeds. **1980**, 31, 225-228	8
1330	Potential for More Efficient Methods for Lipid-Analysis. **1980**, 82, 351-357	4
1329	Further characterization of Ca2+-activated phospholipase A2 in cat adrenal cortex. **1980**, 1, 91-104	9
1328	Hypertriglyceridemia associated with Trypanosoma brucei brucei infection in rabbits: role of defective triglyceride removal. **1980**, 2, 31-8	222
1327	Fatty acid composition of garlic (Allium sativum Linnaeus) lipids. **1980**, 57, 175	18
1326	Biosynthesis of wax in the honeybee, Apis mellifera L.. **1980**, 10, 313-321	68
1325	The stereospecific structure of haemolymph and fat-body 1,2-diacylglycerol from Locusta migratoria. **1980**, 10, 61-63	20
1324	Bromine content of lipids of marine organisms. **1980**, 57, 31-33	14
1323	Robert Ackman: 1980 Kaufmann memorial lecturer. **1980**, 57, A820-A829	
1322	The permeability barrier in essential fatty acid deficiency: evidence for a direct role for linoleic acid in barrier function. **1980**, 74, 230-3	189
1321	Growth of Bacillus cereus in media containing plant seed materials and ingredients used in Chinese cookery. **1980**, 48, 397-407	12

1320	Lipids in the Classification and Identification of Coryneform Bacteria Containing Peptidoglycans Based on 2, 4-diaminobutyric Acid. **1980**, 48, 459-470	647
1319	Fatty acid and polar lipid composition in the classification of Kurthia. **1980**, 48, 269-76	20
1318	Intestinal secretion of lipids and lipoproteins during carbohydrate absorption in the rat. **1980**, 110, 1354-64	3
1317	Serum lipids of rats fed excess L-lysine and different carbohydrates. **1980**, 110, 1231-9	16
1316	Digestion and absorption of milk triacylglycerols in 14-day-old suckling rats. **1980**, 110, 2133-40	50
1315	Effect of lactate and palmitate on substrate utilization of isolated rat soleus. **1980**, 238, C149-59	35
1314	Augmentation of Cyclopropane Fatty Acid Synthesis under Stringent Control in Escherichia coli. **1980**,	
1313	25-hydroxyvitamin D3 metabolism by isolated perfused rat kidney. **1980**, 239, E12-20	7
1312	Molecular structure of glycerolipids in rats fed partially hydrogenated triacylglycerols. **1980**, 110, 1122-9	11
1311	A spin-label study of the effects of drugs on calcium release from isolated sarcoplasmic reticulum vesicles. **1980**, 87, 305-12	6
1310	Transfer of steroids and alpha-tocopherol between liposomal membranes. **1980**, 87, 497-502	27
1309	Determination of Total Fat in Meat and Meat Products by a Rapid, Dry Column Method. **1980**, 63, 600-603	15
1308	Effects of ethanol and methanol on lipid metabolism in Bacillus subtilis. **1980**, 121, 139-49	12
1307	Comparison of Oviducal Tissues Isolated at Various Stages of Shell Formation from Hens Producing High or Low Quality Egg Shells. **1980**, 59, 2787-2792	0
1306	Total and Polar Lipid Biosynthesis duringCrotalaria junceaLinn. Pollen Tube Growth: Effect of Gibberellic Acid, Indoleacetic Acid and (2-Chloroethyl)-phosphonic Acid. **1980**, 31, 931-935	4
1305	Pathways of carbon assimilation in phytoplankton from the Antarctic Ocean1. **1980**, 25, 865-872	61
1304	Antihypertensive functions of the kidney: Arthur C. Corcoran memorial lecture. **1980**, 2, 444-64	119
1303	Glycerolipid synthesis in Avena leaves during greening of etiolated seedlings I. Lipid changes in leaves. **1980**, 21, 1595-606	14

1302	Fatty acid, isoprenoid quinone and polar lipid composition in the classification of Curtobacterium and related taxa. **1980**, 118, 29-37	60
1301	Composition of the Oviducts of Laying Hens: Investigation of Segments Involved with Shell Formation. **1980**, 59, 635-642	3
1300	The effect of the basal diet on the utilization of fat as a source of true metabolizable energy, lipid, and fatty acids. **1980**, 59, 316-24	31
1299	Hydrolase activities in the rat aorta. IV. Relation between clearance rates of circulating 125I-labeled low-density lipoproteins and levels of tissue hydrolase activity. **1980**, 47, 433-42	8
1298	Dissociation of intracellular lysosomal rupture from the cell death caused by silica. **1980**, 87, 643-51	62
1297	The release of phospholipase A2 from aggregated platelets and stimulated macrophages of sheep. **1980**, 26, 1721-9	49
1296	Solubilization of the opiate receptor. **1980**, 27, 331-40	62
1295	Croissance et acides gras de la crevette Palaemon serratus (Crustacea, Decapoda) nourrie avec des aliments composs contenant diffrentes proportions d'acide linoleique et linolhique. **1980**, 19, 325-337	20
1294	Ultraviolet- and Sunlight-Induced Lipid Peroxidation in Liposomal Membrane. **1980**, 83, 290	68
1293	Identification and measurement of rat eosinophil phospholipase D. its activity on schistosomula phospholipids. **1980**, 33, 249-260	2
1292	Localization of 25-hydroxyvitamin D3-1 alpha-hydroxylase activity in the mammalian kidney. **1980**, 94, 313-8	62
1291	Thyroid hormone-induced changes in gluconeogenesis and ketogenesis in perfused rat liver. **1980**, 633, 56-67	29
1290	The Influence of Acetylcholine and Choline on the Incorporation of Phosphate into Phospholipids of Etiolated Bean Hypocotyl Hooks. **1980**, 97, 377-389	6
1289	Decarboxylation of tetracosanoic acid to n-Tricosane in the termite Zootermopsis angusticollis. **1980**, 66, 313-317	4
1288	Reconstitution of lipoproteins. I. Lipid-protein interaction of high density apoproteins, purified apoA-I and apoA-II with dimyristoyl-lecithin and dimyristoyl-lecithin:cholesterol vesicles studied by isomeric spin-labelled lecithins. **1980**, 58, 581-91	15
1287	Isolation and identification of 24-hydroxyvitamin D2 and 24,25-dihydroxyvitamin D2. **1980**, 202, 450-7	45
1286	Discontinuous thermotropic response of Tetrahymena membrane lipids correlated with specific lipid compositional changes. **1980**, 598, 217-36	18
1285	Evidence for phase separation in the membrane of an osmotically stabilized fatty acid auxotroph of E. coli and its biological significance. **1980**, 598, 437-46	12

1284	The effects of high concentrations of sodium or calcium ions on the lipid composition and properties of Tetrahymena membranes. **1980**, 599, 24-31	7
1283	Age-dependent modifications in membrane lipids: lipid composition, fluidity and palmitoyl-CoA desaturase in Tetrahymena membranes. **1980**, 599, 232-45	10
1282	The effect of iodination on the haemolytic property and the fatty acids of Newcastle disease virus. **1980**, 597, 358-63	11
1281	Incorporation of purified components of the rabbit liver microsomal hydroxylase system into phospholipid vesicles. **1980**, 599, 417-35	67
1280	Temperature-dependent relationship between K+ influx, Mg2+-ATPase activity, transmembrane potential and membrane lipid composition in mycoplasma. **1980**, 599, 639-51	14
1279	31P nuclear magnetic resonance and freeze-fracture electron microscopy studies on Escherichia coli. I. Cytoplasmic membrane and total phospholipids. **1980**, 597, 492-501	76
1278	Studies on the size, location and turnover of calcium pools accessible to growing Tetrahymena cells. **1980**, 598, 16-26	8
1277	The fluidity of plasma membranes of Dictyostelium discoideum. The effects of polyunsaturated fatty acid incorporation assessed by fluorescence depolarization and electron paramagnetic resonance. **1980**, 602, 1-9	28
1276	The association of tetrodotoxin-sensitive, sodium-selective ionophore of brain membranes with liposomes. **1980**, 602, 70-7	20
1275	The relationships between growth temperature, fatty acid composition and the physical state and fluidity of membrane lipids in Yersinia enterocolitica. **1980**, 602, 469-76	34
1274	Rabbit small intestinal brush border membrane preparation and lipid composition. **1980**, 602, 567-77	245
1273	A mechanism for ethanol-induced damage to liver mitochondrial structure and function. **1980**, 603, 266-77	50
1272	Modification of membrane lipid composition following the nutritional shift-up of starved cells. A comparison with membrane biogenesis in Tetrahymena. **1980**, 603, 347-65	11
1271	Transbilayer distribution of phospholipids in photoreceptor membrane studied with various phospholipases. **1980**, 603, 117-29	20
1270	31P-NMR studies on membrane phospholipids in microsomes, rat liver slices and intact perfused rat liver. **1980**, 600, 343-57	47
1269	Structural properties of phospholipids in the rat liver inner mitochondrial membrane. **1980**, 600, 625-35	72
1268	Cellular fractionation and isolation of the plasma membrane of Burkitt's lymphoma cells. **1980**, 600, 713-29	6
1267	Calorimetric studies of lipid phase transitions in native and heat-denatured membranes of beef heart submitochondrial particles. **1980**, 600, 1007-11	20

1266	Relation between growth temperature of E. coli and phase transition temperatures of its cytoplasmic and outer membranes. **1980**, 601, 1-10	53
1265	Inhibition by amiloride of 22Na+ transport into toad bladder microsomes. **1980**, 601, 195-205	18
1264	Manipulation of alkylglycerolipid levels in cultured cells. Fatty alcohol versus alkylglycerol supplements. **1980**, 617, 410-8	23
1263	Effects of cortisol and thyroxine on phosphatidylcholine and phosphatidylglycerol synthesis by adult rat lung alveolar type II cells in primary culture. **1980**, 618, 308-17	55
1262	Metabolism by cells in culture of low-density lipoproteins of abnormal composition from non-human primates with diet-induced hypercholesterolemia. **1980**, 618, 63-79	52
1261	Solubilization, partial purification and characterization of rat liver microsomal diacylglycerol acyltransferase. **1980**, 618, 129-42	43
1260	Studies on cyclopropane fatty acid synthesis. Effect of carbon source and oxygen tension on cyclopropane fatty acid synthetase activity in Pseudomonas denitrificans. **1980**, 619, 453-70	15
1259	A phosphatidylinositol-containing derivative of Lactobacillus casei ATCC 7469. **1980**, 619, 515-21	2
1258	The lipids of Halobacterium marismortui, an extremely halophilic bacterium in the Dead Sea. **1980**, 619, 533-44	40
1257	Acyl phosphatidylglycerol of Escherichia coli. **1980**, 620, 356-363	15
1256	Does de novo synthesis of lysophosphatidylcholine occur in rat lung microsomes?. **1980**, 620, 410-7	8
1255	Stimulation of prostaglandin cyclooxygenase and prostacyclin synthetase activities by estradiol in rat aortic smooth muscle cells. **1980**, 620, 472-482	99
1254	Extraction and partial purification of acyl-CoA:1-acyl-sn-glycero-3-phosphocholine acyltransferase from rat liver microsomes. **1980**, 617, 205-217	34
1253	Studies on thermal adaptation in Tetrahymena membrane lipids. Positional distribution of fatty acid in diacyl- and alkyl-acyl-phosphatidylcholines and -(2-aminoethyl)phosphonolipids from cells grown at different temperatures. **1980**, 620, 133-41	21
1252	The effect of mouse serum on lipid metabolism in embryonic chick limb-bud cells. **1980**, 620, 142-50	5
1251	Phospholipid-transfer activity in type II cells isolated from adult rat lung. **1980**, 620, 317-21	32
1250	Lipid molecular species composition of thylakoid membranes. **1980**, 617, 12-9	70
1249	Alteration in phospholipid composition of Staphylococcus aureus during formation of autoplast. **1980**, 617, 28-35	23

1248	Regulatory mechanism of palmitoyl-CoA desaturase activity in thermal adaptation. Induction in non-growing Tetrahymena cells deprived of pre-existing desaturase. **1980**, 617, 161-6	17
1247	Metabolism of individual molecular species of phosphatidylcholine in the liver subcellular membranes and bile origin of bile phosphatidylcholine. **1980**, 619, 35-47	29
1246	The estimation of vitamin D and some metabolites in human plasma by mass fragmentography. **1980**, 106, 51-62	45
1245	Observation by 13C NMR of metabolites in differentiating amoeba. Trehalose storage in encysted Acanthamoeba castellanii. **1980**, 118, 185-90	14
1244	Cholesterol depletion from baiomembranes of murine lymphocytes and human tonsil lymphocytes. Transformation effects. **1980**, 119, 261-4	4
1243	Incorporation of isomeric octadecenoic acids into alk-1-enyl moieties of cardiac glycerophospholipids of the rat. **1980**, 122, 133-4	5
1242	A glycolipid containing hopane isolated from the acidophilic, thermophilic Bacillus acidocaldarius, has a cholesterol-like function in membranes. **1980**, 113, 107-10	90
1241	Protein-catalyzed transfer of phosphatidylglycerol by sheep lung soluble fraction. **1980**, 113, 221-4	18
1240	Phosphatidylcholine exchange between brush border membrane vesicles and sonicated liposomes. **1980**, 115, 189-92	7
1239	Aggregation-induced alterations in human platelet membranes: a spin label study. **1980**, 94, 1249-55	16
1238	Microsomal phospholipase D of rat brain and lung tissues. **1980**, 96, 742-7	79
1237	The effects of feeding frequency and symbiosis with zooxanthellae on the biochemical composition of Astrangia Danae Milne Edwards & Haime 1849. **1980**, 48, 85-97	51
1236	Lipid biosynthesis in warm- and cold-acclimatized sea anemones, Metridium senile (L.). **1980**, 48, 113-121	6
1235	Rapid analysis of membrane lipids using a combination of thin-layer chromatography and scanning of photographic negatives. **1980**, 2, 271-81	22
1234	Turnover of the glycerol moiety of different lipid classes during development of Ceratitis capitata. **1980**, 67, 519-525	3
1233	Fate of isotopically labeled cholecalciferol and 25-hydroxycholecalciferol in sheep. **1980**, 63, 945-50	1
1232	Sterols from some molluscs. **1980**, 65, 407-410	3
1231	Alterations in glycoproteins and lipids in azaserine-induced acinar cell carcinoma of rat pancreas. **1980**, 10, 19-26	7

1230	Transverse distribution of phospholipids in the vertebrate photoreceptor membrane. **1980**, 1C, 3-16	3
1229	Effect of membrane phospholipid composition changes on adenylate cyclase activity in normal and rous-sarcoma-transformed chicken embryo fibroblasts. **1980**, 628, 263-76	16
1228	Investigation of the sterol constituents of the prawn Penaeus cheraturus. **1980**, 66, 301-305	
1227	Goldfish (Carassius auratus) vitellogenin: Induction, isolation, properties and relationship to yolk proteins. **1980**, 67, 613-623	34
1226	Radiation Effects on Membranes: II. A Comparison of the Effects of X Irradiation and Ozone Exposure with Respect to the Relation of Antioxidant Concentration and the Capacity for Lipid Peroxidation. **1980**, 81, 200	35
1225	Loss of Covalently Linked Lipid as the Mechanism for Radiation-Induced Release of Membrane-Bound Polysaccharide and Exonuclease from Micrococcus radiodurans. **1981**, 87, 341	3
1224	Diagenesis of free and bound lipids in terrestrial detritus deposited in a lacustrine sediment. **1981**, 3, 79-89	244
1223	Studies of the biochemical basis of steroid sulphatase deficiency.--II. A finding of decreased phospholipid content in sulphatase deficient placental microsomes. **1981**, 14, 195-8	18
1222	Localisation of phospholipase A2 and diglyceride lipase activities in human platelet intracellular membranes. **1981**, 124, 23-6	57
1221	Selective degradation of the high density lipoprotein-2 subfraction by heparin-releasable liver lipase. **1981**, 129, 269-72	56
1220	Characterization of O-methyltransferase activities associated with spinach chloroplast fractions. **1981**, 133, 55-58	10
1219	Cholesterol is required to prevent crystallization of Mycoplasma arginini phospholipids at physiological temperature. **1981**, 133, 161-4	13
1218	Myoblast aminophospholipid asymmetry differs from that of fibroblasts. **1981**, 134, 75-8	61
1217	Binding of 1,25-dihydroxy-[3H]vitamin D3 in nuclear and cytosol fractions of whole mouse skin in vivo and in vitro. **1981**, 134, 203-6	21
1216	Domains in serum albumin responsible for platelet aggregation. **1981**, 134, 249-52	1
1215	Lipid composition of chlorophyl-protein complexes. **1981**, 130, 27-31	81
1214	The deacylation of rat platelet phospholipids during thrombin-induced aggregation studied by a fluorescence method. **1981**, 135, 285-9	
1213	Acyl-CoA may be a neglected product in studies of fatty acid synthesis by isolated chloroplasts. **1981**, 135, 182-186	10

1212	Isolation and characterization of a mannan-binding protein associated with the early chick embryo. **1981**, 136, 105-10	6
1211	Erythrocyte membrane abnormalities in glucose-6-phosphate dehydrogenase deficiency of the Mediterranean and A-types. **1981**, 136, 148-52	10
1210	Evidence for selective absorption of polyunsaturated fatty acids during digestion in the tobacco budworm, Heliothis virescens F.. **1981**, 27, 31-33	5
1209	Diacylglycerol-transporting lipoproteins and flight in Locusta. **1981**, 27, 47-50	45
1208	The effect of starvation on haemolymph metabolites, fat body and ovarian development in Oxya japonica (Acrididae: Orthoptera). **1981**, 27, 93-96	22
1207	Interaction of cholesterol with photoactivable phospholipids in sonicated vesicles. **1981**, 640, 646-54	8
1206	The relationship between plasma membrane lipid composition and physical-chemical properties. I. Fluorescence polarization studies of fatty acid-altered EL4 tumor cell membranes. **1981**, 642, 106-18	26
1205	Symmetrical distribution and rapid transbilayer movement of cholesterol in Mycoplasma gallisepticum membranes. **1981**, 649, 572-80	24
1204	Lipid-protein interaction in the photolysis of octopus rhodopsin. **1981**, 643, 63-75	3
1203	Drug-induced surface membrane phospholipid composition in murine fibroblasts. **1981**, 643, 76-88	18
1202	Interaction of the lipid and protein components of pulmonary surfactant. Role of phosphatidylglycerol and calcium. **1981**, 647, 159-68	109
1201	Rapid membrane response during low-temperature acclimation. Correlation of early changes in the physical properties and lipid composition of Tetrahymena microsomal membranes. **1981**, 644, 211-8	43
1200	Thermal adaptation of Tetrahymena membranes with special reference to mitochondria. Role of cardiolipin in fluidity of mitochondrial membranes. **1981**, 649, 385-92	36
1199	A model for the effect of lipid oxidation on diphenylhexatriene fluorescence in phospholipid vesicles. **1981**, 645, 17-23	43
1198	Membrane fluidity and bile salt damage. **1981**, 640, 55-65	61
1197	The role of nonbilayer lipid structures in the fusion of human erythrocytes induced by lipid fusogens. **1981**, 640, 82-90	79
1196	Studies of diacylglycerol cholinephosphotransferase and diacylglycerol ethanolaminephosphotransferase activities in Tetrahymena microsomes. **1981**, 665, 195-204	10
1195	Degradation of phosphatidylinositol by soluble enzymes of rat gastric mucosa. **1981**, 665, 234-43	16

1194	Modulation of phosphatidylcholine synthesis in vitro. Inhibition of diacylglycerol cholinephosphotransferase and lysophosphatidylcholine acyltransferase by centrophenoxine and neophenoxine. **1981**, 665, 345-51	11
1193	Changes in fatty acyl chain composition of rat heart phospholipids induced by noradrenaline. **1981**, 664, 82-8	17
1192	Changes in the amount of lung and airway phosphatidylcholine in 0.5-12.5-day-old rabbits. **1981**, 664, 182-7	18
1191	Fat associated with adipose lipase. The newly synthesized fraction that is the preferred substrate for lipolysis. **1981**, 664, 201-6	3
1190	Incorporation of large quantities of phospholipid by net de novo synthesis in cytoplasmic membrane vesicles of Escherichia coli. **1981**, 664, 229-39	4
1189	The cooperative interaction between vitamin E and vitamin C in suppression of peroxidation of membrane phospholipids. **1981**, 664, 266-72	164
1188	The effect of labor on surfactant secretion in newborn rabbit lung slices. **1981**, 664, 389-96	47
1187	Optimal assay and subcellular location of phosphatidylglycerol synthesis in lung. **1981**, 664, 409-15	25
1186	Acylation of 1-palmitoyl-lysophosphatidylglycerol in a alveolar type II cells from rat lung. **1981**, 666, 1-6	21
1185	Characterization of phospholipids and localization of some phospholipid synthetic and subcellular marker enzymes in subcellular fractions from rabbit lung. **1981**, 666, 47-57	31
1184	Evidence for the lack of classical secretory phospholipase A2 in guinea-pig pancreas. **1981**, 666, 72-9	33
1183	Phospholipid synthesis in fetal lung organotypic cultures and isolated type II pneumocytes. **1981**, 664, 498-512	32
1182	A comparison of the in vitro binding of alpha-tocopherol to microsomes of lung, liver, heart and brain of the rat. **1981**, 663, 390-400	27
1181	Purification of two lipases with high phospholipase A1 activity from guinea-pig pancreas. **1981**, 663, 446-56	68
1180	Biosynthesis of 1-alkyl-2-acetyl-sn-glycero-3-phosphocholine (platelet activating factor and a hypotensive lipid) by cholinephosphotransferase in various rat tissues. **1981**, 663, 545-56	177
1179	Incorporation and metabolism of 2-acyl lysophospholipids by Escherichia coli. **1981**, 663, 1-13	30
1178	Galactolipid formation in chloroplast envelopes. II. Isolation-induced changes in galactolipid composition. **1981**, 663, 99-107	26
1177	Effects of inhibiting protein synthesis on the secretion of surfactant by type II cells in primary culture. **1981**, 663, 289-301	14

1176	Reduction of fatty acids to alcohols in roe of gourami (Trichogaster cosby). **1981**, 665, 34-9	14
1175	Studies on thermal adaptation in Tetrahymena membrane lipids. Changes in positional distribution of fatty acids in diacyl-phospholipids and alkyl-acyl-phospholipids during temperature acclimation. **1981**, 665, 66-73	19
1174	Specificity of lipoprotein lipase and hepatic lipase toward monoacylglycerols varying in the acyl composition. **1981**, 665, 385-92	17
1173	Transfer and exchange of phospholipid between small unilamellar liposomes and rat plasma high density lipoproteins. Dependence on cholesterol content and phospholipid composition. **1981**, 665, 538-45	127
1172	Structural identification of minor glycolipids in Halobacterium cutirubrum. **1981**, 665, 551-558	25
1171	Topography of glycerolipid synthetic enzymes. Synthesis of phosphatidylserine, phosphatidylinositol and glycerolipid intermediates occurs on the cytoplasmic surface of rat liver microsomal vesicles. **1981**, 665, 586-95	39
1170	Application of high-performance liquid chromatography to the study of esterified 7-dehydrocholesterol in rat skin. **1981**, 666, 307-12	9
1169	Transmembrane orientation of palmitoyl-CoA: lysophosphatidylcholine acyltransferase in microsomes isolated from an alveolar type II cell adenoma and rat liver. **1981**, 666, 468-74	12
1168	The acute effects of streptozotocin-induced diabetes on rat liver glycerolipid biosynthesis. **1981**, 666, 482-92	22
1167	Direct transfer of fatty acids synthesized "de novo" from fatty acid synthetase into triacylglycerols without activation. **1981**, 100, 629-36	12
1166	Minor and trace sterols in marine invertebrates. 19. Isolation, structure elucidation, and partial synthesis of 24-methylene-25-ethylcholesterol (mutasterol): first example of sterol side-chain bioalkylation at position 25. **1981**, 103, 115-119	35
1165	Antibody coating of liposomes with 1-ethyl-3-(3-dimethyl-aminopropyl)carbodiimide and the effect on target specificity. **1981**, 44, 79-85	23
1164	Estrogen-induced increase in uptake of cholesterol-rich very low density lipoproteins in perfused rabbit liver. **1981**, 30, 367-75	40
1163	The response of Penaeus indicus (Crustacea: Penaeidea) to purified and compounded diets of varying fatty acid composition. **1981**, 24, 245-256	62
1162	Linseed oil and animal fat as alternative lipid sources in dry diets for chinook salmon (Oncorhynchus tshawytscha). **1981**, 25, 161-172	49
1161	Effect of extrusion processing and steam pelleting diets on pellet durability, pellet water absorption, and the physiological response of rainbow trout (Salmo gairdneri R.). **1981**, 25, 185-194	118
1160	Regulation of bovine activated protein C by protein S: the role of the cofactor protein in species specificity. **1981**, 22, 321-7	71
1159	Digestion of fat in calves fed milk replacers prepared by homogenization of low-pressure dispersion. **1981**, 64, 1965-71	3

1158	Effect of Light on the Composition of Mitochondrial Lipids from Hypocotyl Hooks of Bean Seedlings (Phaseolus vulgaris L.).. **1981**, 103, 427-436	3
1157	Tissue specificity and sexual dimorphism of the fatty acyl composition of glycerolipids from the tobacco budworm, Heliothis virescens F. **1981**, 68, 259-265	1
1156	Changes in the chemical composition of oospores of Pythium aphanidermatum during bimodal germination. **1981**, 27, 536-43	6
1155	Biosynthesis of linoleic acid in the American cockroach. **1981**, 20, 215-8	24
1154	Voltage-dependent conductance induced by alamethicin-phospholipid conjugates in lipid bilayers. **1981**, 36, 803-9	30
1153	A biophysical study of protein-lipid interactions in membranes of Escherichia coli. Fluoromyristic acid as a probe. **1981**, 33, 211-23	13
1152	Calcium ionophore A 23187 induces arachidonic acid release from phosphatidylcholine in cultured human endothelial cells. **1981**, 103, 819-24	51
1151	Rapid phospholipase A2 stimulation and diacylglycerol cholinephosphotransferase inhibition in baby hamster kidney cells during initiation of dengue virus infection. **1981**, 101, 404-10	16
1150	Generation of 1,2-diacylglycerol in plasma membranes of phorbol ester-treated myoblasts. **1981**, 102, 158-64	30
1149	SHORT COMMUNICATION. **1981**, 362, 1151-1176	33
1148	Lipid composition and some aspects of aminophospholipid organization in erythrocyte membrane of the marine bivalve mollusc Scapharca broughtoni (Schrenck). **1981**, 69, 599-604	2
1147	The cholesterolemic effect of skim milk in young men consuming controlled diets. **1981**, 1, 429-442	17
1146	Alterations in the latency of hepatic microsomal hexose-6-phosphate dehydrogenase under various in vivo and in vitro conditions. **1981**, 672, 165-75	8
1145	Major phospholipids of the lung and lung lavage fluid from warm and cold acclimated Richardson's ground squirrels (Spermophilus richardsoni). **1981**, 69, 797-802	4
1144	In vivo fate of large unilamellar sphingomyelin-cholesterol liposomes after intraperitoneal and intravenous injection into rats. **1981**, 674, 10-8	49
1143	Turnover of the fatty acid and glycerol moieties of acylglycerols and phosphoglycerides during development of Ceratitis capitata. **1981**, 70, 401-408	
1142	Prostaglandin biosynthesis in the skin of the plaice Pleuronectes platessa L. **1981**, 70, 195-9	9
1141	Distribution of milk fat globules in cow's milk high in linoleic acid. **1981**, 64, 19-24	5

1140	Measurement of amniotic fluid surfactant.. **1981**, 27, 1629-1641	34
1139	Purification and characterization of synaptic vesicles from the electric organ of Torpedo ocellata. **1980**, 7, 19-29	1
1138	Effects of Seed and Root Lipids on the Susceptibility of Plants to Trifluralin and Oryzalin. **1981**, 29, 420-425	8
1137	Role of biliary phosphatidylcholine in the absorption and transport of dietary triolein in the rat. **1981**, 80, 60-65	66
1136	Schistosoma mansoni: changes in the rate of tyrosine uptake by unisexual females after stimulation by males and male extracts. **1981**, 55, 33-37	22
1135	Fecal characteristics in healthy young adults consuming defined liquid diets or a free-choice diet. **1981**, 34, 357-61	14
1134	A trisialosyl ganglioside GT3 of hog kidney. Structure and biosynthesis in vitro. **1981**, 90, 1817-20	19
1133	25(OH)D3 metabolism in kidney cell cultures: lack of a direct effect of estradiol. **1981**, 240, E119-24	7
1132	Fecal bulk, energy intake, and serum cholesterol: regression response of serum cholesterol to apparent digestibility of dry matter and suboptimal energy intake in rats on fiber-fat diet. **1981**, 34, 2078-87	4
1131	Surfactant release in excised rat lung is stimulated by air inflation. **1981**, 51, 905-10	95
1130	CHYLOMICRON METABOLISM. **1981**, 505-514	
1129	Incorporation of 32P-phosphate into membrane phospholipids during infection of cultured human fibroblasts by herpes simplex virus type 1. **1981**, 16, 80-5	8
1128	Control of lipolysis in triglyceride-enriched rat hearts. **1981**, 25, 11-9	5
1127	Liponomic control of Ca2+ transport: relationship to mechanism of action of 1,25-dihydroxyvitamin D3. **1981**, 78, 1751-4	63
1126	Lipoprotein nature of Bacillus licheniformis membrane penicillinase. **1981**, 78, 3511-5	76
1125	Interactions between lipid and protein. Effect of gel fraction on carp myosin B ATPase activity.. **1981**, 47, 1579-1583	1
1124	Comparative studies on the ether-linked lipids of ratfish and shark-III. Distribution of squalene and diacyl glyceryl ethers in the different tissues of deep-sea shark, Dalatias licha.. **1981**, 47, 281-288	23
1123	Fatty acids and sterol components of the rotifers cultured by a feedback system.. **1981**, 47, 515-521	4

1122	A QUANTITATIVE STUDY OF A CERASTODERMA NEPHTHYS COMMUNITY IN THE LIMFJORD, DENMARK, WITH SPECIAL REFERENCE TO PRODUCTION OF CERASTODERMA EDULE. **1981**,	
1121	Lateral mobility of erythrocyte membrane proteins studied by the fluorescence photobleaching recovery technique. **1981**, 90, 997-1004	58
1120	Biosynthesis of Acyl Moieties of Capsaicin and its Analogues from Valine and Leucine in Capsicum Fruits1. **1981**,	0
1119	Studies on the Temperature Shift-induced Desaturation of Fatty Acids in Monogalactosyl Diacylglycerol in the Blue-green Alga (Cyanobacterium), Anabaena variabilis. **1981**,	1
1118	Vitamin D metabolism and its possible role in the developing chick embryo. **1981**, 194, 103-9	19
1117	The relationship of phosphatidylinositol turnover to receptors and calcium-ion channels in rat parotid acinar cells. **1981**, 194, 463-8	58
1116	[Identification and characterization of two phospholipase A2 activities in resident mouse peritoneal macrophages]. **1981**, 195, 427-33	101
1115	Characterization of gastric-mucosal membranes. Distribution of lipid- and protein-associated amino groups across pig gastric microsomes. **1981**, 195, 515-8	4
1114	Light control of fatty acid synthesis and diurnal fluctuations of fatty acid composition in leaves. **1981**, 196, 347-54	81
1113	Identification and characterization of a phospholipase C activity in resident mouse peritoneal macrophages. Inhibition of the enzyme by phenothiazines. **1981**, 197, 523-6	49
1112	Activity of phosphatidylcholine-transfer protein from spinach (Spinacia oleracea) leaves with mitochondria and chloroplasts. **1981**, 197, 763-6	9
1111	Effect of diethylstilboestrol on phosphatidylcholine biosynthesis and choline metabolism in the liver of roosters. **1981**, 200, 321-6	34
1110	The selective release of phospholipase A2 by resident mouse peritoneal macrophages. **1981**, 200, 441-4	54
1109	Regulation of 25-hydroxy-vitamin D-1 alpha-hydroxylase in chick isolated renal tubules: effects of prostaglandin E2, frusemide and acetylsalicylic acid. **1981**, 61, 53-9	66
1108	An L-form of Staphylococcus aureus adapted to a brain heart infusion medium without osmotic stabilizers. **1981**, 25, 871-86	2
1107	A method for simultaneous determination of 25-hydroxyvitamin D2 and 25-hydroxyvitamin D3 in human plasma by using two steps of high-performance liquid chromatography. **1981**, 27, 43-54	23
1106	Changes in the Principal Fatty Acids of Total Lipids and Various Other Constituents of the Blood Plasma after Hypothalamic Hyperphagia and Forced Feeding in Geese. **1981**, 25, 117-124	4
1105	Vitamin D and its metabolites in human and bovine milk. **1981**, 111, 1240-8	198

1104	Protein Quality of Four Peanut Cultivars Grown at Two Locations. **1981**, 8, 61-65	
1103	Localization of 25-hydroxyvitamin D3 1 alpha-hydroxylase and 24-hydroxylase along the rat nephron. **1981**, 78, 1199-203	147
1102	Evidence for a lipoprotein carrier in human plasma catalyzing sterol efflux from cultured fibroblasts and its relationship to lecithin:cholesterol acyltransferase. **1981**, 78, 3911-4	175
1101	Liposome-trapped penicillins in growth inhibition of some penicillin-resistant bacteria. **1981**, 51, 223-7	15
1100	Buoyancy adaptations in a swim-bladderless Antarctic fish. **1981**, 167, 91-102	96
1099	Metabolism and ultrastructure of dormant podocysts of Chrysaora quinquecirrha (scyphozoa). **1981** , 218, 175-182	13
1098	Fluorometric determination of all-trans retinol in rat serum. **1981**, 70, 685-7	4
1097	Comparative studies on analytical methods for the assessment of petroleum contamination in the marine environment II. Gas chromatographic analyses. **1981**, 10, 417-430	8
1096	Induced autolysis ofSaccharomyces cerevisiae: Morphological effects, rheological effects, and dynamics of accumulation of extracellular hydrolysis products. **1981**, 5, 163-168	37
1095	Protein and free amino acids in field-grown cowpea seeds as affected by water stress at various growth stages. **1981**, 63, 355-368	28
1094	Mixed-function oxidases of 25-hydroxycholecalciferol in isolated chick kidney glomeruli: evidence for nuclear localization. **1981**, 33, 19-25	6
1093	Decreased 1,25-dihydroxycholecalciferol and increased 25-hydroxy- and 24,25-dihydroxycholecalciferol in tissues of rats treated with thyroxine. **1981**, 33, 445-7	13
1092	Activation of the alternative pathway of complement in human serum by Propionibacterium acnes (Corynebacterium parvum) cell fractions. **1981**, 5, 165-76	26
1091	The rat retina is a useful in vivo model to study membrane lipid synthesis: rates of biosynthesis of neutral glycerides and phospholipids. **1981**, 6, 1169-78	9
1090	Effect of anoxia under different conditions on kinetics of lipid peroxidation in cell organelles. **1981**, 92, 1347-1351	
1089	Increased electrical stability of hepatic mitochondrial lipid membranes in hyperthyroidism. **1981**, 92, 1364-1367	
1088	Activation of liver mitochondrial phospholipase in hyperthyroid rabbits. **1981**, 91, 142-144	
1087	Photomodulation of growth and specific changes in fatty acid amounts in internodes of green Vigna sinensis L. **1981**, 152, 487-90	4

1086	Oleosomes in flag leaves of wheat; their distribution, composition and fate during senesence and rust-infection. **1981**, 152, 36-43	18
1085	On the compartmentation of isopentenyl diphosphate synthesis and utilization in plant cells. **1981**, 153, 578-281	48
1084	Auxin-stimulated ATPase in membrane fractions from pumpkin hypocotyls (Cucurbita maxima L.). **1981**, 151, 434-8	44
1083	Carotenoid metabolism during chloroplast to chromoplast transformation in Capsicum annuum fruit. **1981**, 151, 359-64	59
1082	Evidence of de novo synthesis of maltose excreted by the endosymbiotic Chlorella from Paramecium bursaria. **1981**, 153, 481-5	43
1081	The effect of temperature on the growth and lipid composition of the extremely halophilic coccus, Sarcina marina. **1981**, 47, 25-40	10
1080	Respiration of the bathypelagic fish Cyclothone acclinidens. **1981**, 61, 261-266	49
1079	Lipids and the epidermal permeability barrier. **1981**, 270, 95-117	249
1078	Regulation of exoprotease production by temperature and oxygen in Vibrio alginolyticus. **1981**, 130, 276-80	20
1077	Relationship of Survival of Kluyveromyces fragilis at-19°C to Cellular Fatty Acid Composition. **1981**, 46, 964-965	1
1076	A comparison of comedonal and skin surface lipids from hairless dogs showing clinical signs of acne. **1981**, 77, 341-4	6
1075	Influence of auxin on phosphate absorption and metabolism of phosphorylated compounds in aged potato tuber discs (Solanum tuberosum). **1981**, 53, 199-204	4
1074	In Vivo Incorporation of a Polyunsaturated Fatty Acid into the sn-C-1 and sn-C-2 Positions of Tetrahymena Glycerophospholipids1. **1981**, 28, 325-327	2
1073	Metabolism of alpha-glyceryl ethers by Crithidia fasciculata. I. Study of the in vivo degradation of exogenous chimyl and batyl alcohols. **1981**, 28, 441-7	1
1072	Lipid composition of Brevibacterium lyticum (Takayama, Udagawa and Abe). **1981**, 11, 193-195	2
1071	Influence of available dietary carbohydrate content on tolerance of waterborne copper by rainbow trout, Salmo gairdneri Richardson*. **1981**, 19, 509-518	36
1070	Percutaneous transport in relation to stratum corneum structure and lipid composition. **1981**, 76, 297-301	245
1069	Biosynthetic labelling of platelet activating factor from radioactive acetate by stimulated platelets. **1981**, 289, 312-4	112

1068	Calcitonin selectively stimulates 25-hydroxyvitamin D3-1 alpha-hydroxylase in proximal straight tubule of rat kidney. **1981**, 291, 327-9	129
1067	Microsomal phosphatidylethanolamine methyltransferase: inhibition by S-adenosylhomocysteine. **1981**, 16, 561-7	43
1066	Alkane contamination of lipids extracted fromLagenidium giganteum andLagenidium callinectes. **1981**, 16, 628-630	3
1065	Microsomal phosphatidylethanolamine methyltransferase: some physical and kinetic properties. **1981**, 16, 533-40	35
1064	Phospholipid synthesis in human embryo fibroblasts infected with herpes simplex virus type 2. **1981**, 16, 655-62	6
1063	A review of lecithin chemistry and glandless cottonseed as a potential commercial source. **1981**, 58, 903-913	24
1062	Effect of plastic fats on thermal stability and mechanical properties of fat- protein gel products. **1981**, 58, 983-987	13
1061	The phospholipases of pathogenic and non-pathogenic Trypanosoma species. **1981**, 2, 177-86	32
1060	Lipid and carbohydrate metabolism of Giardia lamblia. **1981**, 2, 187-96	95
1059	A functional protein concentrate (FKPC) from antarctic krill (Euphausia superba, Dana 1850). **1981**, 172, 393-398	4
1058	The wound response in the siphonous algaCaulerpa simpliciuscula C. Ag.: II. The effect of wounding on carbon flow. **1981**, 105, 195-206	12
1057	A method of extracting phospholipids from cotton seeds. **1981**, 17, 392-395	
1056	TLC-FID assessment of lipid oxidation as applied to fish lipids rich in triglycerides. **1981**, 58, 710-713	21
1055	Interconversions of diacylglycerol-transporting lipoproteins in the haemolymph of Locusta migratoria. **1981**, 11, 717-723	57
1054	A study on the toxicity and the biochemical effects of ethylene dibromide in the Japanese quail. **1981**, 22, 355-64	3
1053	Phosphoglycopeptide, a major constituent of the spermatophoric plasma of the octopus (Octopus dofleini martini). **1981**, 63, 515-21	2
1052	A polysaccharide-protein complex from Haemophilus influenzae type b. I. Activity in weanling rabbits and human T lymphocytes. **1981**, 144, 509-20	13
1051	Mechanism of inactivation of hepatitis B surface antigen by N alpha-cocoyl-L-arginine ethyl ester. **1981**, 20, 120-7	

1050	Phospholipid alterations in canine ischemic myocardium. Temporal and topographical correlations with Tc-99m-PPi accumulation and an in vitro sarcolemmal Ca2+ permeability defect. **1981**, 48, 711-9	199
1049	ON THE FUNCTIONS OF QUINONOID PIGMENTS IN SEA URCHIN EMBRYOS. **1981**, 4, 17-23	13
1048	IDENTIFICATION OF HOST ORIGIN OF PARASITES OF BARK BEETLES (COLEOPTERA: SCOLYTIDAE) BY FATTY ACID COMPOSITION1. **1981**, 113, 205-212	5
1047	Polypeptide and phospholipid composition of the membrane of rat liver peroxisomes: comparison with endoplasmic reticulum and mitochondrial membranes. **1982**, 93, 103-10	356
1046	Growth, heart weight, cardiac lipid, and pathology of chickens fed soybean oil or oil extracted from different rapeseed cultivars. **1982**, 61, 1154-66	6
1045	THE BERTHA ARMYWORM, MAMESTRA CONFIGURATA (LEPIDOPTERA: NOCTUIDAE). EFFECTS OF DIETARY LINOLENIC ACID ON PUPAL SYNDROME, WING SYNDROME, SURVIVAL, AND PUPAL FAT COMPOSITION1. **1982**, 114, 567-573	15
1044	Faecal tritium excretion after intravenous administration of 3H-25-hydroxyvitamin D3 in control subjects and in patients with malabsorption. **1982**, 23, 310-5	18
1043	Response of rainbow trout (Salmo gairdneri) to increased levels of available carbohydrate in practical trout diets. **1982**, 47, 597-607	204
1042	Bile acid and lysolecithin concentrations in the stomach in patients with duodenal ulcer before operation and after treatment by highly selective vagotomy, partial gastrectomy, or truncal vagotomy and drainage. **1982**, 23, 569-77	42
1041	AS-1 Cyanophage Adsorption to Liposomes. **1982**, 61, 153-156	4
1040	Outer membrane composition in Escherichia coli and the poor activity of hydrophobic antibiotics against enteric bacteria. **1982**, 9, 325-7	9
1039	Partial purification of amino acid transport systems in Ehrlich ascites tumor cell plasma membranes. **1982**, 4, 189-218	11
1038	Effets physiologiques de la benzyladhine sur Lemna minor I. Influence sur la composition lipidique. **1982**, 60, 758-764	4
1037	Characterization of the total extractable lipids of Zymomonas mobilis var. mobilis. **1982**, 28, 1107-1118	28
1036	Insulin-induced alterations in insulin binding and insulin action in primary cultures of rat hepatocytes. **1982**, 31, 145-8	39
1035	Production, purification, and preliminary characterization of a gonococcal growth inhibitor produced by a coagulase-negative staphylococcus isolated from the urogenital flora. **1982**, 22, 277-83	14
1034	Regulation of sterol transport in human microvascular endothelial cells. **1982**, 94, 350-4	17
1033	Bioenergetic and Ultrastructural Changes Associated with Chloroplast Development. **1982**, 133-191	48

1032	Effect of 3-isobutyl-1-methylxanthine on prolactin actions on RNA synthesis, casein synthesis, lipid synthesis and ornithine decarboxylase activity in mouse mammary gland explants. **1982**, 14, 195-7	7
1031	Stereospecific chemoattraction of lymphoblastic cells by gradients of lysophosphatidylcholine. **1982**, 79, 3285-9	35
1030	Dexamethasone increases the synthesis of sphingomyelin in 3T3-L1 cell membranes. **1982**, 79, 6690-2	35
1029	Luteolysis-induced changes in phase composition and fluidity of bovine luteal cell membranes. **1982**, 79, 4332-6	25
1028	Growth, Training and Swimming Ability of Young Trout (Salmo Gairdneri R.) Maintained Under Different Salinity Conditions. **1982**, 62, 699-708	25
1027	Some effects of chloral hydrate on rumen fermentation and digestion in sheep. **1982**, 99, 215-224	14
1026	Effects of dietary supplements of protected lipids on the concentration and transport of beta-carotene and cholesterol in bovine blood and milk: unusual chromatographic behaviour of the high-density lipoprotein with high levels of beta-carotene. **1982**, 49, 39-49	14
1025	A stable planar bilayer membrane of phospholipid supported by cellulose sheets. **1982**, 91, 79-85	4
1024	Lipid Biosynthesis in the Blue-Green Alga (Cyanobacterium), Anabaena variabilis III. UDPglucose:Diacylglycerol Glucosyltransferase Activity in vitro. **1982**,	2
1023	Liposome-mediated delivery of tobacco mosaic virus RNA into tobacco protoplasts: A sensitive assay for monitoring liposome-protoplast interactions. **1982**, 79, 1859-63	52
1022	Radioimmunoassay for leukotriene B4. **1982**, 79, 7904-8	31
1021	Compositions and Positional Distributions of Fatty Acids in Phospholipids from Leaves of Chilling-Sensitive and Chilling-Resistant Plants. **1982**,	1
1020	Changes in quality of canned mackerel during long-term storage.. **1982**, 48, 1765-1769	4
1019	Characteristics of methoxy-glyceryl ethers from some cartilaginous fish liver lipids.. **1982**, 48, 1345-1351	8
1018	Tissue uptake of radioactive eicosapentaenoic acid in the red sea bream.. **1982**, 48, 1441-1444	13
1017	Transacylation between diacylphospholipids and 2-acyl lysophospholipids catalyzed by Escherichia coli extract. **1982**, 91, 1093-101	15
1016	The three cortical membranes of the gregarines (parasitic protozoa). Characterization of the membrane proteins of gregarina blaberae. **1982**, 201, 455-64	9
1015	Hydrolysis of monomolecular layers of synthetic sphingomyelins by sphingomyelinase of Staphylococcus aureus. **1982**, 201, 597-603	20

1014	Receptor-mediated net breakdown of phosphatidylinositol 4,5-bisphosphate in parotid acinar cells. **1982**, 206, 555-60	169
1013	Hydrolysis of plasma triacylglycerol-rich lipoproteins from immature and laying hens (Gallus domesticus) by lipoprotein lipase in vitro. **1982**, 206, 647-54	61
1012	Absence of a direct role of phospholipid methylation in stimulus-secretion coupling and control of adenylate cyclase in guinea-pig and rat parotid gland. **1982**, 208, 205-10	18
1011	Role of an acidic compartment in synthesis of disaturated phosphatidylcholine by rat granular pneumocytes. **1982**, 208, 651-8	32
1010	Glycoprotein biosynthesis in quiescent and stimulated thymocytes and a T-cell lymphoma. **1982**, 201, 377-85	6
1009	Regulation of phosphatidate synthesis by secretagogues in parotid acinar cells. **1982**, 204, 587-92	59
1008	Lysosomal changes in fatty liver induced in rats by high protein pyridoxine-deficient diet. **1982**, 28, 209-16	2
1007	Influence of dietary antioxidants on polychlorinated biphenyls (PCB)-induced hepatic lipid peroxide formation and vitamin A reduction in rats. **1982**, 28, 455-66	8
1006	Phospholipid bilayer permeability of beta-lactam antibiotics. **1982**, 35, 1692-9	17
1005	Cooperative Pathway for Lipid Biosynthesis in Young Pea Leaves: Oleate Exportation from Chloroplasts and Subsequent Integration into Complex Lipids of Added Microsomes. **1982**, 23, 125-135	28
1004	The acylation of lysophosphatidylcholine in the rat testicular tissue: the combined activity of acyl-CoA synthetase and lysolecithin acyltransferase. **1982**, 64, 211-7	5
1003	The effect of oxygen on the metabolism of postparasites of the facultative anaerobe Romanomermis culicivorax (Nematoda: mermithidae). **1982**, 72, 13-19	1
1002	Incorporation of [hydrogen-3] alkylglycerolether and [carbon-14] hexadecanol into bovine colostrum and milk lipids. **1982**, 65, 1905-11	4
1001	Liver hypertrophy in winter flounder following exposure to experimentally oiled sediments. **1982**, 73, 457-62	11
1000	Subcellular distribution and some properties of acid phospholipase A1 in rat testis. **1982**, 64, 341-6	2
999	Inhibition of ripening of avocados with calcium. **1982**, 16, 323-330	24
998	The time-course development of the effects of ethanol ingestion on choline oxidase. **1982**, 719, 580-8	2
997	Fate of the glycerol and acyl moieties from dietary trioleoylglycerol in the sea star, Asterias rubens. **1982**, 73, 685-692	

996	Age at weaning, development of chemical body components, and energy utilization in piglets from 3.5 kg live weight. **1982**, 9, 603-617	14
995	Precocious sexual maturation and smoltification in male Atlantic salmon (Salmo salar). **1982**, 28, 211-229	121
994	Growth, survival and macronutrient composition of Penaeus monodon Fabricius larvae fed with Chaetoceros calcitrans and Tetraselmis chuii. **1982**, 29, 253-260	23
993	Age-development changes in susceptibility of erythrocytes to perfringolysin O. **1982**, 20, 53-63	11
992	Mechanism of action of TRH: involvement of the phosphatidylinositol (PI) response in the action of TRH in rat anterior pituitary cells. **1982**, 31, 3037-41	14
991	Myoinositol decreases N-nitroso-N-methylurethane induced lung surfactant deficiency. **1982**, 31, 175-80	4
990	Alteration in molecular species of phosphatidylethanolamine between anesthetic resistant and sensitive strains of Drosophila melanogaster. **1982**, 30, 401-8	8
989	Fatty acid synthesis in rat fetuses with intrauterine growth retardation. **1982**, 31, 217-22	7
988	Evidence for coupling of phosphatidic acid formation and calcium influx in thrombin-activated human platelets. **1982**, 108, 752-9	51
987	Aniline is hydroxylated by the cytochrome P-450-dependent hydroxyl radical-mediated oxygenation mechanism. **1982**, 106, 625-31	32
986	Inhibitory action of adenosine 3',5'-monophosphate on phosphatidylinositol turnover: difference in tissue response. **1982**, 104, 105-12	101
985	Polymorphic phase behaviour of cardiolipin from bovine heart and from Bacillus subtilis as detected by 31P-NMR and freeze-fracture techniques. Effects of Ca2+, Mg2+, Ba2+ and temperature. **1982**, 684, 282-6	76
984	Isolation of cell plasma membranes on microcarrier culture beads. **1982**, 685, 21-6	18
983	Negatively charged phospholipid requirement of the oligomycin-sensitive mitochondrial ATPase. **1982**, 684, 141-5	13
982	Effect of fluoride on phosphatidylserine-mediated calcium transport. **1982**, 686, 1-6	3
981	Cholesterol-phospholipid interactions. **1982**, 691, 24-29	11
980	The relationship between plasma membrane lipid composition and physical-chemical properties. III. Detailed physical and biochemical analysis of fatty acid-substituted EL4 plasma membranes. **1982**, 689, 230-40	14
979	Analysis of membrane fractions from Mycoplasma gallisepticum. **1982**, 689, 309-18	3

978	Low-frequency motion in membranes. The effect of cholesterol and proteins. **1982**, 689, 337-45	39
977	Solubilization of adenylate cyclase of brain membranes by lipid peroxidation. **1982**, 689, 370-4	20
976	Fluorescence anisotropy from diphenylhexatriene in rat liver plasma membranes. **1982**, 689, 403-9	15
975	Evidence for a correlation between swimming velocity and membrane fluidity of Tetrahymena cells. **1982**, 693, 335-40	19
974	Effect of phosphatidylinositol replacement by diacylglycerol on various physical properties of artificial membranes with respect to the role of phosphatidylinositol response. **1982**, 693, 341-50	39
973	Asymmetry of arachidonic acid metabolism in the phospholipids of the human platelet membrane as studied with purified phospholipases. **1982**, 693, 451-60	16
972	Hexagonal surface array in a protein-secreting bacterium, Bacillus brevis 47. **1982**, 693, 134-42	9
971	Ethanol-induced changes in the membrane lipid composition of Clostridium thermocellum. **1982**, 693, 195-204	61
970	Isolation and characterization of plasma membranes from krebs II ascite cells using Percoll gradient. **1982**, 688, 57-65	51
969	Membrane lipids composition and metabolism during early embryonic development. Phospholipid subcellular distribution and 32P labeling. **1982**, 688, 145-51	10
968	Vitamin D-mediated intestinal calcium transport. Effects of essential fatty acid deficiency and spin label studies of enterocyte membrane lipid fluidity. **1982**, 688, 177-90	35
967	Tetrodotoxin-sensitive protein in the extracts from excitable tissues. **1982**, 688, 246-50	5
966	Degraded and stable phosphatidylglycerol in Escherichia coli inner and outer membranes, and recycling of fatty acyl residues. **1982**, 711, 1-9	7
965	Formation of ether lipids and wax esters in mammalian cells. Specificity of enzymes with regard to carbon chains of substrates. **1982**, 711, 197-207	12
964	Studies on thermal adaptation in Tetrahymena membrane lipids Modification of positional distribution of phospholipid acyl chains in plasma membranes, mitochondria and microsomes. **1982**, 711, 229-244	15
963	Phospholipid acyl chain metabolism during the differentiation of murine leukemia cell lines On the redistribution of polyunsaturated acyl chains among phospholipids. **1982**, 712, 161-168	10
962	The structure of unsaturated lipid dispersions in aqueous systems influences susceptibility to oxidation. **1982**, 710, 502-5	11
961	Increasing the levels of ether-linked lipids in L-M cells by glyceryl ether supplementation depresses growth and choline utilization. **1982**, 713, 16-22	7

960	Acrolein: a potent modulator of lung macrophage arachidonic acid metabolism. **1982**, 713, 149-59	27
959	Lipid composition of the halotolerant alga, Dunaliella bardawil. **1982**, 713, 419-426	55
958	Age-dependency of vascular phospholipid deacylation-reacylation in spontaneously hypertensive rats. **1982**, 713, 446-55	4
957	The effects of temperature acclimation on membrane sterols and phospholipids of Neurospora crassa. **1982**, 713, 456-62	31
956	Formation of alkylacyl- and diacylglycerophosphocholines via diradylglycerol cholinephosphotransferase in rat liver. **1982**, 713, 479-83	12
955	Separate monoacylglycerol and diacylglycerol acyltransferases function in intestinal triacylglycerol synthesis. **1982**, 712, 464-72	41
954	Degradation of human myelin phospholipids by phospholipase-enriched culture media of pathogenic Naegleria fowleri. **1982**, 712, 698-701	18
953	The effects of altered levels of phosphatidylcholine and phosphatidylethanolamine on fatty acid desaturase activity and sterol metabolism during temperature acclimation in a choline auxotroph of Neurospora crassa. **1982**, 713, 512-8	6
952	Characterization of reconstituted partially purified glycerophosphate acyltansferase from Escherichia coli. **1982**, 713, 570-80	5
951	Purification of rat liver mitochondrial phospholipase A2. **1982**, 712, 332-41	68
950	Regulation of lamellar body acidic glycerophospholipid biosynthesis in fetal rabbit lung in organ culture. **1982**, 712, 356-64	27
949	The rate-limiting step in the biosynthesis of phosphatidylcholine by alveolar type II cells from adult rat lung. **1982**, 712, 390-4	71
948	Lipid storage and changes during flight by triatomine bugs (Rhodnius prolixus and Triatoma infestans). **1982**, 28, 527-534	41
947	Evidence for circadian rhythms in the serum levels of the vitamin D-dependent calcium-binding protein and in the activity of the 25-hydroxyvitamin D3-1-alpha-hydroxylase in the chick: studies on the mode of action of calciferol. **1982**, 141, 242-4	10
946	Study of the supramolecular organization of light-harvesting chlorophyll protein (LHCP). **1982**, 137, 271-275	79
945	The rapid PI-turnover is not coupled with the aggregation in A23187-activated human platelets. **1982**, 105, 236-43	25
944	Ether phospholipid asymmetry in Clostridium butyricum. **1982**, 108, 1502-7	21
943	A role of calcium-activated, phospholipid-dependent protein kinase in platelet-activating factor-induced serotonin release from rabbit platelets. **1982**, 108, 1701-8	86

942	Human platelet aggregation induced by 1-alkyl-lysophosphatidic acid and its analogs: a new group of phospholipid mediators?. **1982**, 108, 1743-50	82
941	Decomposition of turtlegrass (Thalassia testudinum Konig) in flowing sea-water tanks and litterbags: Compositional changes and comparison with natural particulate matter. **1982**, 58, 47-58	33
940	High performance liquid chromatography (HPLC) of arachidonic acid metabolites. **1982**, 21, 155-70	19
939	Lipid Metabolism of Groundnut (Arachis hypogaea L.) Seedlings Influenced by Salinity. **1982**, 106, 1-14	2
938	Effect of dietary fat and cholesterol on uptake of oleic acid and triolein by everted sacs of bovine small intestine. **1982**, 65, 1148-54	1
937	Biosynthesis of microsomal phospholipids and mitochondrial polyglycerophosphatides in rapidly sedimenting endoplasmic reticulum. **1982**, 60, 877-81	5
936	Augmentation of protoplasm in drought- and cold-hardened winter wheat. **1982**, 60, 674-680	8
935	Survey of lipids of a new group of extremely halophilic bacteria from salt ponds in Spain. **1982**, 28, 1365-1372	68
934	Bioconcentration of a Hexachlorobiphenyl in Great Lakes Planktonic Algae. **1982**, 39, 380-387	45
933	Conversion of a Lipoprotein from Egg Yolk into a Membranous Form in the Presence of Yolk Lipid. **1982**, 35, 13	
932	Perturbation of lipid metabolism by palmitic acid in Chinese hamster V79-R cells. **1982**, 91, 1639-49	13
931	Effects of Maternal Ritodrine Therapy on Fetal Rat Brain Development. **1982**, 5, 76-85	
930	Pyruvate dehydrogenase activity in the liver, brain and adipose-tissue of lipid-deprived developing rats. Effect of minute amounts of polyunsaturated fatty acids. **1982**, 9, 221-9	3
929	Wort Trub Content and its Effects on Fermentation and Beer Flavor1. **1982**, 40, 57-61	25
928	Inhibition of 25-hydroxyvitamin D3-1-hydroxylase by chronic metabolic acidosis. **1982**, 243, E265-71	7
927	Phospholipid Metabolism of Wheat Grains: Phospholipid Composition and Terminal Enzymes of the CDP-Amine Phospholipid Biosynthetic Pathway. **1982**, 143, 26-31	4
926	Synthesis of various phospholipids from 2-acyl lysophospholipids by Escherichia coli extract. **1982**, 91, 1103-10	24
925	Effect of acute perinatal asphyxia on development of the lung and brain in the rat. **1982**, 41, 183-92	1

924	Perturbation of phospholipid metabolism by erucic acid in male Sprague-Dawley rat heart. **1982**, 92, 253-63	15
923	Bis(monoacylglycero)phosphate in alkalophilic bacteria. **1982**, 92, 1469-79	20
922	Occurrence of arsenic in plaice (Pleuronectes platessa), nature of organo-arsenic compound present and its excretion by man. **1982**, 45, 165-70	63
921	Influence of Growth Temperature on the Fatty Acid Composition of the Cytoplasmic Membrane of a Lager Yeast1. **1982**, 40, 26-30	2
920	Viruses budding from either the apical or the basolateral plasma membrane domain of MDCK cells have unique phospholipid compositions.. **1982**, 1, 847-852	106
919	Effect of dietary lipids on saliva composition. **1982**, 112, 990-6	6
918	Counteraction of calcium-activated, phospholipid-dependent protein kinase activation by adenosine 3',5'-monophosphate and guanosine 3',5'-monophosphate in platelets. **1982**, 91, 403-6	108
917	Pathogenesis of fatty liver in rats fed a high protein diet without pyridoxine. **1982**, 112, 205-10	8
916	Isolation of intracellular membranes by means of sodium carbonate treatment: application to endoplasmic reticulum. **1982**, 93, 97-102	1689
915	Source of lung surfactant phospholipids: comparison of palmitate and acetate as precursors. **1982**, 17, 884-92	17
914	Changes in the activities of lipoprotein lipase and the lipogenic enzymes in tumor-bearing rats. **1982**, 17, 944-9	17
913	Distribution of methylene and nonmethylene-interrupted dienoic fatty acids in polar lipids and triacylglycerols of selected tissues of the hardshell clam (Mercenaria mercenaria). **1982**, 17, 976-81	78
912	cis-5-olefinic unusual fatty acids in seed lipids of gymnospermae and their distribution in triacylglycerols. **1982**, 17, 716-723	103
911	Preferential oxidation of linolenic acid compared to linoleic acid in the liver of catfish (Heteropneustes fossilis and Clarias batrachus). **1982**, 17, 733-40	16
910	Influence of vitamin E and nitrogen dioxide on lipid peroxidation in rat lung and liver microsomes. **1982**, 17, 269-77	51
909	Ether lipid content and fatty acid distribution in rabbit polymorphonuclear neutrophil phospholipids. **1982**, 17, 72-7	112
908	Use of radiolabeled hexadecyl cholesteryl ether as a liposome marker. **1982**, 17, 448-52	83
907	Effect of hepatoma on host liver, heart and lung lipids as tumor growth progresses. **1982**, 17, 771-9	8

906	Uptake of 4-chlorobiphenyl and 4,4'-dichlorobiphenyl in six species of plant tissue cultures. **1982**, 28, 728-32	2
905	Preparation and partial characterisation of a multilamellar body fraction from Schistosoma mansoni. **1982**, 5, 93-105	25
904	Factors affecting the line-shape of the EPR signal of high-spin Fe(III) in soybean lipoxygenase-1. **1982**, 708, 259-265	28
903	In vivo biosynthesis of the saturated isoprene unit of dolichyl phosphate. **1982**, 2, 835-40	15
902	Phospholipid metabolism of wheat grains: Enzymes of the CDP-diglyceride phospholipid biosynthetic pathway. **1982**, 113, 120-126	
901	Modification of liver microsomal lipids by halothane metabolites; a multi nuclear NMR spectroscopic study. **1982**, 321, 234-7	15
900	Increased saturated phospholipid in cultured cells grown with linoleic acid. **1982**, 18, 331-8	11
899	Characterization of the acyl-CoA desaturase in the housefly, Musca domestica L.. **1982**, 12, 545-551	29
898	Synthesis of epicuticular primary alcohols and intracellular fatty acids by tissue slices fromcer-j 59 barley leaves. **1982**, 47, 377-390	14
897	Use of phospholipase A to compare phospholipid organization in synaptic membranes, myelin, and liposomes. **1982**, 66, 1-7	17
896	Phagosomal membrane lipids of LM fibroblasts. **1982**, 68, 141-50	13
895	A simple method for obtaining cultures enriched for Type II pneumonocytes from fetal rabbit. **1982** , 7, 63-68	2
894	Isolation ofMycoplasma gallisepticum membranes by a mild alkaline-induced lysis of nonenergized cells. **1982**, 7, 367-370	6
893	Taxonomic studies on Corynebacterium beticola (Abdou). **1982**, 52, 229-233	3
892	Growth stimulation of rous sarcoma virus-transformed BHK cells by biotin and serum lipids. **1982**, 113, 487-93	9
891	The use of chromic oxide as a food marker warning. **1982**, 33, 325-328	3
890	Vitamin D: an update. **1982**, 71, 137-53	12
889	Sulenchromatographische Abtrennung von Phospholipiden aus Gesamtlipidextrakten. **1982**, 84, 15-17	4

888	Synthesis and physical properties of phosphatidylcholines containing ω-cyclohexyl fatty acyl chains. **1982**, 31, 61-74	14
887	Chemical composition of some tissues of the Antarctic fish Notothenia rossii marmorata, fischer 1885. **1982**, 8, 291-297	7
886	Chromatographic resolution of molecular species of phosphatidylserines and phosphatidylethanolamines as their N-trifluoroacetyl-O-methyl and N-acetyl-O-methyl derivatives. **1982**, 232, 39-46	6
885	Potentiation of lipid peroxides by ischemia in rat brain. **1982**, 7, 437-54	153
884	Ketone-body utilization by homogenates of adult rat brain. **1982**, 7, 687-703	15
883	The biochemical composition of the pyloric caeca and its relation to DNA levels in the female starfishAsterias rubens during the reproductive cycle. **1982**, 148, 49-55	14
882	Studies on sarcoplasmic reticulum from slow-twitch muscle. **1982**, 3, 191-212	33
881	Lipid metabolism in cells of the atherosclerotic human aorta. Experiments in primary culture. **1982**, 94, 1410-1412	
880	Activation of lipid peroxidation in liver mitochondria of hyperthyroid rabbits. **1982**, 93, 269-272	23
879	Increase in breakdown potential of liposomes formed from liver mitochondrial lipids of hypothyroid rabbits. **1982**, 93, 272-274	
878	Inhibition of lipid peroxidation in mitochondria isolated from the liver of hypothyroid rabbits. **1982**, 93, 275-277	4
877	Organic and caloric levels of fish feces relative to its consumption by coprophagous reef fishes. **1982**, 69, 45-50	29
876	Responses of Mytilus edulis on exposure to the water-accommodated fraction of North Sea oil. **1982**, 67, 15-31	155
875	Scavenging deep-sea amphipods: Effects of food odor on oxygen consumption and a proposed metabolic strategy. **1982**, 68, 287-298	112
874	Differentiation of the membrane system in cells of Rhodopseudomonas capsulata after transition from chemotrophic to phototrophic growth conditions. **1982**, 131, 313-322	53
873	Occurrence, localization, and possible significance of an ornithine-containing lipid in Paracoccus denitrificans. **1982**, 131, 338-343	18
872	Respiratory distress syndrome in very low birth weigh infants with occasionally normal surfactant phospholipids. **1982**, 139, 31-4	12
871	Quantitative and structural characteristics of lipids in Chlorobium and Chloroflexus. **1982**, 132, 149-154	75

870	Lipids in the classification of Nocardioides: reclassification of Arthrobacter simplex (Jensen) lochhead in the genus Nocardioides (Prauser) emend. O'Donnell et al. as Nocardioides simplex comb. nov. **1982**, 133, 323-9	106
869	Effect of Temperature on the Contents of the Two Energy-Reserve Substances, Paramylon and Wax Esters, in Euglena gracilis1. **1982**, 29, 421-423	9
868	Polar lipid composition in the classification ofArthrobacterandMicrobacterium. **1982**, 15, 299-302	20
867	Resolution and in vitro glycosylation of membrane glycoproteins inMicrococcus luteus (lysodeikticus). **1982**, 15, 331-336	8
866	Lipid composition ofRenibacterium salmoninarum(Sanders and Fryer). **1982**, 13, 295-297	17
865	Lipid composition ofAgromyces ramosus(Gledhill and Casida). **1982**, 14, 187-189	15
864	Isolation and lipid biochemical characterization of stratum corneum membrane complexes: implications for the cutaneous permeability barrier. **1982**, 78, 128-35	112
863	Effect of lipids on the aggregation and permeability of human stratum corneum. **1982**, 78, 7-11	83
862	Characterization of biochemical properties of melanosomes for structural and functional differentiation: analysis of the compositions of lipids and proteins in melanosomes and their subfractions. **1982**, 79, 97-102	38
861	Mammalian stratum corneum contains physiologic lipid thermal transitions. **1982**, 79, 1-3	35
860	Light-induced changes in the lipid composition and ultrastructure of plastids from potato tubers. **1982**, 56, 266-272	11
859	Lipid composition of prolamellar bodies and prothylakoids of wheat etioplasts. **1983**, 57, 555-560	62
858	4-Desmethylsterol composition of citrus rootstocks of different salt exclusion capacity. **1983**, 58, 69-74	34
857	The influence of specific phospholipids on the interaction of hexokinase with the outer mitochondrial membrane. **1983**, 41, 1109-18	10
856	The Sterol Requirement of Tetrahymena setosa HZ-11. **1983**, 30, 625-629	9
855	Co-extraction of lipopolysaccharide and an ornithine-containing lipid fromRhodomicrobium vannielii. **1983**, 19, 33-36	7
854	Cardiolipin content and protoplast fusion efficiency inB. subtilis. **1983**, 19, 137-141	5
853	Anthralin inhibition of mouse epidermal arachidonic acid lipoxygenase in vitro. **1983**, 81, 566-71	47

852	Severe plasmalogen deficiency in tissues of infants without peroxisomes (Zellweger syndrome). **1983**, 306, 69-70	294
851	Change in free amino acids and phospholipids in the head of adult Sarcophaga peregrina with age. **1983**, 24, 9-12	3
850	A developmental study of the composition and biosynthesis of the cuticular hydrocarbons of Trichoplusia ni (Lepidoptera: Noctuidae). **1983**, 13, 493-502	49
849	Interactions between the active metabolite of tryptophan pyrolysate mutagen, N-hydroxy-Trp-P-2, and lipids: the role of lipid peroxides in the conversion of N-hydroxy-Trp-P-2 to non-reactive forms. **1983**, 45, 295-304	10
848	Occurrence of wax esters in the tissues of the orange roughly (Hoplostethus atlanticus). **1983**, 18, 585-8	17
847	Phospholipids ofRhizobium meliloti andAgrobacterium tumefaciens: Lack of effect of Ti plasmid. **1983**, 18, 602-606	16
846	Effects of purified eicosapentaenoic acid on arachidonic acid metabolism in cultured murine aortic smooth muscle cells, vessel walls and platelets. **1983**, 18, 42-9	91
845	Kinetic analysis of plasma VLDL-TG and VLDL-remnant-TG turnover in anesthetized rats. **1983**, 18, 501-9	2
844	Lipid and fatty acid composition of the endogenous energy sources of striped bass (Morone saxatilis) eggs. **1983**, 18, 510-3	54
843	Modification of microsomal lipid composition and electron transport enzyme activities in isovalerate-supplemented cells of novel Tetrahymena ISO. **1983**, 18, 423-7	2
842	Intralipid alters macrophage membrane fatty acid composition and inhibits complement (C2) synthesis. **1983**, 18, 493-500	23
841	PCB, DDT, and benzo(a)pyrene in raw and pan-fried white croaker (Genyonemus lineatus). **1983**, 30, 65-73	13
840	Depressed hepatic glutathione and increased diene conjugates in alcoholic liver disease. Evidence of lipid peroxidation. **1983**, 28, 585-9	268
839	Effects of prostaglandins on the prolactin stimulation of lipid biosynthesis in mouse mammary gland explants. **1983**, 10, 433-41	1
838	Difference in lipids between two similar strains ofPseudomonas pertucinogena and possibility of the presence of lysocardiolipin as a normal phospholipid constituent of its membrane. **1983**, 9, 205-208	
837	Isolation and description ofHaloanaerobium praevalens gen. nov. and sp. nov., an obligately anaerobic halophile common to Great Salt Lake sediments. **1983**, 9, 225-233	85
836	Labelled lipids distribution following [3H]glycerol injection to pregnant rabbits. **1983**, 15, 621-5	
835	The use of [3H] permethrin to investigate the mechanisms underlying its differential toxicity to adult and larval stages of the sheen blowfly Lucilia sericata. **1983**, 14, 57-63	4

834	Effect of dibutyryl-cAMP on the content of cholesterol esters in cells of the atherosclerotic human aorta. **1983**, 95, 678-680	
833	The nature of cadmium binding in commercial eastern oysters (Crassostrea virginica). **1983**, 12, 299-304	17
832	Biochemical changes of rat brain membranes with aging. **1983**, 8, 483-92	72
831	Activation of fluoride-stimulated adenylate cyclase by phospholipase A2 in the caudate nucleus of the rat brain. **1983**, 8, 1059-69	5
830	High-performance liquid chromatographic determination of 24,25-dihydroxyvitamin D3 in serum. **1983**, 275, 418-22	5
829	A comparison of the metabolism of bicarbonate 14C and acetate 1-14C and the variability of species lipid compositions in reef corals. **1983**, 75, 121-130	52
828	Lipid droplets, medium of energy exchange in the symbiotic anemone Condylactis gigantea: a model coral polyp. **1983**, 75, 137-149	78
827	Changes in cortical synaptosomal plasma membrane fluidity and composition in ethanol-dependent rats. **1983**, 81, 208-13	57
826	Oxidation of n-alkanes: Isolation of alkane hydroxylase from Pseudomonas putida. **1983**, 17, 57-63	12
825	Susceptibility of lipids to mercurials. **1983**, 3, 131-4	16
824	Modulation of microsomal glucose-6-phosphate translocase activity by free fatty acids: implications for lipid domain structure in microsomal membranes. **1983**, 115, 1-8	17
823	Simultaneous lipolytic and oxidative changes in turkey meat stored at different temperatures. **1983** , 34, 93-99	26
822	Antihyperlipidemic activity of phthalimide analogues in rodents. **1983**, 72, 845-51	27
821	Antihyperlipidemic activity of saccharin analogues in rodents. **1983**, 72, 1192-8	9
820	The incorporation of unsaturated fatty acids of the n-9, n-6, and n-3 families into individual phospholipids by isolated hepatocytes of thermally-acclimated rainbow trout, Salmo gairdneri. **1983**, 227, 167-76	23
819	Thin-layer chromatography-densitometry of minor acidic phospholipids: application to lipids from erythrocytes, liver, and kidney. **1983**, 132, 376-83	25
818	Variations in the activity of fatty ACYL-CoA desaturases and electron-transport components in Tetrahymena microsomes with temperature and age of culture. **1983**, 8, 353-360	14
817	Proximate, fatty acid and amino acid composition of the Brazilian freshwater fish Prochilodus scrofa. **1983**, 12, 275-286	7

816	Production of antibacterial activities by two Bacillariophyceae grown in dialysis culture. **1983**, 29, 338-341	26
815	Formation of cystlike structures by iron-limited Azotobacter vinelandii strain UW during prolonged storage. **1983**, 29, 1110-1118	21
814	Some physiologic distinctions between freshwater and diadromous forms of the Atlantic salmon, Salmo salar L.. **1983**, 61, 1165-1170	13
813	Uncoupled release of protein and lipid in a protein-secreting bacterium, Bacillus brevis 47. **1983**, 759, 278-85	2
812	ACYL group composition of lipids and the activities of (Na+ + K+)-ATPase, 5'-nucleotidase and gamma-glutamyltranspeptidase in salivary glands and kidneys of rats fed diets containing different dietary fats. **1983**, 758, 1-9	20
811	GROWTH STUDIES WITH BACTERIA-FREE OYSTER (CRASSOSTREA GIGAS) LARVAE FED ON SEMI-DEFINED ARTIFICIAL DIETS. **1983**, 164, 227-235	27
810	Effects of cold exposure on gaseous metabolism and body composition in the rat. **1983**, 75, 21-5	12
809	On the possible presence of beta 2-microglobulin-like protein in extracts of livers from normal chickens and chickens with erythroblastosis--II. Amino acid analysis of the protein. **1983**, 74, 231-4	1
808	Intestinal absorption of fatty acids, and blood lipid composition in sheep. **1983**, 66, 520-7	15
807	Biochemical and morphometric studies of heart, liver and skeletal muscle from the hibernating, arousing and aroused big brown bat, Eptesicus fuscus. **1983**, 76, 355-63	5
806	Lipid composition and 3-hydroxy-3-methylglutaryl-CoA reductase activity of acinar cell carcinoma of rat pancreas. **1983**, 759, 74-80	18
805	Serum lipase active in the hydrolysis of the tumor promoter, 12-O-tetradecanoylphorbol-13-acetate. **1983**, 19, 165-72	14
804	Effects of dietary linoelaidate on fatty acid composition and phospholipase activity in rat liver microsomes. **1983**, 3, 571-581	2
803	The isolation of skeletal muscle plasma membranes from rainbow trout (Salmo gairdneri). **1983**, 76, 107-111	
802	Properties of freshly isolated type II alveolar epithelial cells. **1983**, 762, 398-404	44
801	Effect of wheat bran replacement of wheat middlings in extrusion processed (floating) diets on the growth of juvenile rainbow trout (Salmo gairdneri). **1983**, 35, 201-210	26
800	Storage stability of lipids in a dry salmonid diet. **1983**, 34, 239-246	10
799	Effect of temperature on the chemical composition of pink salmon (Oncorhynchus gorbuscha) muscle. **1983**, 32, 295-301	1

798	Enzymatic properties of phospholipid methylation in rabbit platelets. **1983**, 29, 215-24	7
797	Calcium-dependent regulation of phospholipid methylation in rabbit platelets. **1983**, 32, 495-508	3
796	Differential modulation of rat heart mitochondrial membrane-associated enzymes by dietary lipid. **1983**, 760, 13-24	54
795	Glutathione-dependent protection by rat liver microsomal protein against lipid peroxidation. **1983**, 757, 21-8	168
794	Carbon isotope measurement techniques for bone collagen: Notes for the archaeologist. **1983**, 10, 355-360	92
793	Some observations on the green planktonic alga, Botryococcus braunii and its bloom form. **1983**, 5, 693-700	34
792	Potential of freeze-dried worm meal as a replacement for fish meal in trout diet formulaions. **1983**, 32, 277-283	20
791	The biosynthesis of jasmonic acid: a physiological role for plant lipoxygenase. **1983**, 111, 470-7	277
790	Regulation of 1,25(OH)2 vitamin D3 receptor content in cultured LLC-PK1 kidney cells limits hormonal responsiveness. **1983**, 116, 121-7	31
789	1-O-alkyl-2-acyl-sn-glycero-3-phosphocholine: a novel source of arachidonic acid in neutrophils stimulated by the calcium ionophore A23187. **1983**, 113, 72-9	103
788	Effects of sterol manipulation on microsomal desaturase activities in Tetrahymena: with regard to thermal acclimation. **1983**, 113, 96-101	13
787	Phospholipids activate cathepsin D. **1983**, 110, 934-9	15
786	The rapid polyphosphoinositide metabolism may be a triggering event for thrombin-mediated stimulation of human platelets. **1983**, 110, 108-15	72
785	Dexamethasone affects phosphatidylinositol synthesis and degradation in cultured human embryonic cells. **1983**, 110, 200-7	23
784	Evidence that cyclic AMP may regulate Ca2+-mobilization and phospholipases in thrombin-stimulated human platelets. **1983**, 112, 693-700	47
783	Synergistic functions of phorbol ester and calcium in serotonin release from human platelets. **1983**, 112, 778-86	312
782	Effect of retinoic acid on the acylation of phospholipids in granulocytes in vitro. **1983**, 114, 261-7	4
781	ADP-induced changes in [32P]phosphate labeling of phosphatidylinositol-4,5-bisphosphate in washed rabbit platelets made refractory by prior ADP stimulation. **1983**, 113, 483-90	27

780	Enzymatic basis for the formation of pulmonary surfactant lipids by acyltransferase systems. **1983**, 221, 99-107	23
779	Adsorption of sphingomyelinase of Bacillus cereus onto erythrocyte membranes. **1983**, 223, 202-12	22
778	Mechanism of release of integral proteins from rat liver microsomal membranes. **1983**, 731, 151-60	6
777	Cold stress induces in situ phospholipid molecular species changes in cell surface membranes. **1983** , 731, 251-60	32
776	Biological membranes are rich in low-frequency motion. **1983**, 732, 473-8	36
775	The effect of dietary lipids on the thermotropic behaviour of rat liver and heart mitochondrial membrane lipids. **1983**, 734, 114-24	29
774	Order measurements in plasma membranes from Duchenne dystrophy fibroblasts. **1983**, 733, 1-14	11
773	Preparation of a highly purified surface membrane fraction from rabbit polymorphonuclear leucocytes by high-voltage free-flow electrophoresis. **1983**, 733, 154-62	3
772	Role of sterol structure in the thermotropic behavior of plasma membranes of Saccharomyces cerevisiae. **1983**, 734, 235-248	33
771	Adaptive changes in lipid composition of rat liver plasma membrane during postnatal development following maternal ethanol ingestion. **1983**, 735, 407-17	17
770	Changes in membrane phospholipid distribution during platelet activation. **1983**, 736, 57-66	427
769	Polyunsaturated fatty acyl residues of galactolipids are involved in the control of bilayer/non-bilayer lipid transitions in higher plant chloroplasts. **1983**, 732, 229-242	80
768	Exchange of phosphatidylcholine between small unilamellar liposomes and human plasma high-density lipoprotein involves exclusively the phospholipid in the outer monolayer of the liposomal membrane. **1983**, 732, 595-9	33
767	A procedure for estimating the surface potential of charged or neutral membranes with 8-anilino-1-naphthalenesulphonate probe. Adequacy of the Gouy-Chapman model. **1983**, 736, 196-202	29
766	Effect of altered polar headgroup of phosphatidylethanolamines on transbilayer aminophospholipid distribution in sonicated vesicles. **1983**, 730, 1-9	14
765	An X-ray diffraction study on phase transition temperatures of various membranes isolated from Tetrahymena pyriformis cells grown at different temperatures. **1983**, 730, 17-24	10
764	Differentiation-related differences in the plasma membrane phospholipid asymmetry of myogenic and fibrogenic cells. **1983**, 728, 103-11	80
763	The formation of non-bilayer structures in total polar lipid extracts of chloroplast membranes. **1983** , 728, 129-139	87

762	Ca2+ displacement by Polymyxin B from sarcolemma isolated by 'gas dissection' from cultured neonatal rat myocardial cells. **1983**, 729, 44-52	23
761	Lipid-protein interactions of reconstituted membrane-associated adenosinetriphosphatases. Use of a gel-filtration procedure to examine phospholipid-activity relationships. **1983**, 729, 62-74	30
760	Biochemical studies of the excitable membrane of Paramecium tetraurelia. VIII. Temperature-induced changes in lipid composition and in thermal avoidance behavior. **1983**, 728, 145-158	26
759	The effects of temperature and oxygen on the rates of fatty acid synthesis and oleate desaturation in safflower (Carthamus tinctorius) seed. **1983**, 753, 145-152	19
758	Alveolar pre-type II cells from the fetal rabbit lung. Isolation and characterization. **1983**, 753, 195-204	26
757	Stimulation of deacylation in Madin-Darby canine kidney cells. 12-O-tetradecanoyl-phorbol-13-acetate stimulates rapid phospholipid deacylation. **1983**, 750, 274-81	16
756	Subcellular distribution of the enzymes related to phospholipid synthesis in developing rat lung. **1983**, 750, 373-82	23
755	Prevention of the hyperlipidemic serum or LDL-induced cellular cholesterol ester accumulation by 22-hydroxycholesterol and its analogue. **1983**, 753, 281-93	15
754	An enzymatic rationale for the randomization of the positional distribution of fatty acids in phospholipids of ascites hepatoma AH 130. **1983**, 754, 28-37	7
753	Surface-active phospholipase A2 in mouse spermatozoa. **1983**, 754, 44-50	44
752	Isolation of lamellar bodies from rat granular pneumocytes in primary culture. **1983**, 753, 119-29	51
751	The synthesis of linoleate and phosphatidic acid and its relationship to oil production in the microsomes of developing seeds of safflower (Carthamus tinctorius, L. var. Gila). **1983**, 754, 292-297	21
750	Effects of chlorocyclizine on pulmonary lipid metabolism in rats. **1983**, 754, 166-73	7
749	The coordination of sterol and phospholipid synthesis in cultured myogenic cells. Effect of cholesterol synthesis inhibition on the synthesis of phosphatidylcholine. **1983**, 750, 504-20	33
748	Concurrent release and reacylation of fatty acids by rat kidney cells. Selective incorporation of arachidonic acid. **1983**, 750, 7-17	12
747	On the suitability of organotypic cultures of fetal rat lung type II cells for biochemical studies concerning development. **1983**, 750, 60-7	10
746	Mechanisms involved in the synthesis of disaturated phosphatidylcholine by alveolar type II cells isolated from adult rat lung. **1983**, 750, 68-77	69
745	Effects of chronic ethanol exposure on composition and metabolism of Tetrahymena membrane lipids. **1983**, 751, 286-297	7

744	Biosynthesis of platelet-activating factor (PAF-acether). V. Enhancement of acetyltransferase activity in murine peritoneal cells by calcium ionophore A23187. **1983**, 751, 298-304	83
743	Lipid metabolism in chinese hamster v79-r membranes composed of unusual phospholipid molecular species. **1983**, 751, 321-331	1
742	Lateral heterogeneity of polar lipids in the thylakoid membranes of spinach chloroplasts. **1983**, 156, 170-174	61
741	Low-energy Mg2+-induced temperature transitions in liver microsomes. **1983**, 164, 247-50	
740	The effect of thylakoid lipids on an oxygen-evolving Photosystem II preparation. **1983**, 163, 230-234	89
739	Induced changes in the affinity of 1,25-dihydroxyvitamin D3 receptors in chick intestine. **1983**, 163, 261-4	4
738	Desaturation of oleoyl and linoleoyl residues linked to phospholipids in growing roots of yellow lupin. **1983**, 161, 251-256	10
737	A rapid stimulation of phosphatidylinositol metabolism in rabbit leukocytes by pseudomonal leukocidin. **1983**, 157, 46-50	14
736	Phosphatidylserine decarboxylase is located on the external side of the inner mitochondrial membrane. **1983**, 157, 179-82	99
735	The Effect of Dietary Fat and Tocopherol on Lipolysis and Oxidation in Turkey Meat Stored at Different Temperatures. **1983**, 62, 2017-2021	45
734	Influence of plasma lipoproteins on platelet aggregation in a normal male population. **1983**, 3, 332-8	68
733	Photodynamic Effects of Rose Bengal on Senescent Flax Cotyledons. **1983**, 34, 47-54	12
732	Enhanced macrophage degradation of biologically modified low density lipoprotein. **1983**, 3, 149-59	419
731	Enhanced incorporation of radioactive inorganic phosphate into phospholipids of HeLa cells by tumor promoters. **1983**, 4, 107-10	39
730	Heat Stress, Feed Restriction, and the Lipid Composition of Egg Yolk. **1983**, 62, 819-823	4
729	Cholesterol and cholesteatoma. **1983**, 95, 547-53	8
728	Purification and characterization of human pancreatic phospholipase A2 and development of a radioimmunoassay. **1983**, 94, 137-47	86
727	Metabolism of orally administered [3H]ergocalciferol and [3H]cholecalciferol by dairy calves. **1983**, 113, 2595-600	28

726	TECHNICAL NOTE: THE PREPARATION OF MOLLUSCAN TISSUE FOR PRODUCTION ESTIMATES. **1983**, 49, 18-20	8
725	Characterization and use of monoclonal antibodies for isolation of phosphotyrosyl proteins from retrovirus-transformed cells and growth factor-stimulated cells. **1983**, 3, 1343-52	220
724	1 alpha,25-Dihydroxyvitamin D3 and 1 alpha-hydroxyvitamin D3 prolong survival time of mice inoculated with myeloid leukemia cells. **1983**, 80, 201-4	215
723	Leukotriene C promotes prostacyclin synthesis by human endothelial cells. **1983**, 80, 4109-13	70
722	Antibody-targeted liposomes: increase in specific toxicity of methotrexate-gamma-aspartate. **1983**, 80, 1377-81	113
721	Antihypertensive polar and neutral renopapillary lipids. Which is a hormone?. **1983**, 5, V61-5	10
720	Reciprocal modulation of growth and differentiated functions of mature rat hepatocytes in primary culture by cell--cell contact and cell membranes. **1983**, 80, 7229-33	238
719	Do tissues other than the kidney produce 1,25-dihydroxyvitamin D3 in vivo? A reexamination. **1983**, 80, 1746-50	54
718	Sphingolipid metabolism in cultured fibroblasts: microscopic and biochemical studies employing a fluorescent ceramide analogue. **1983**, 80, 2608-12	180
717	Comparison of secretory protein and membrane composition of secretory granules isolated from normal and neoplastic pancreatic acinar cells of rats. **1983**, 80, 4379-83	23
716	A novel trisialosyl ganglioside, IV3 alpha (NeuAc)3nLcOse4Cer, from hog kidney cortex. **1983**, 93, 621-9	6
715	In Situ and IAA-Induced Cell Elongation is Correlated to the Oleoyl Phosphatidylcholine Content along the Vigna radiata Hypocotyl. **1983**,	
714	The action of sphingomyelinase of Bacillus cereus on bovine erythrocyte membrane and liposomes. Specific adsorption onto these membranes. **1983**, 93, 1221-30	13
713	Isolation and Identification of Diacylglyceryl-O-4?-(N,N,N-trimethyl)-homoserine from the Fern Adiantum capillus-veneris L.. **1983**,	
712	The influence of host-plant on the development of the adult brown planthopper, Nilaparvata lugens (Stl) (Hemiptera: Delphacidae), and its significance in migration. **1983**, 73, 117-128	27
711	Purification and some properties of rat spleen phospholipase A2. **1983**, 93, 1353-60	21
710	Modulation of lipid-synthesizing enzymes by insulin in differentiated ob17 adipose-like cells. **1983**, 214, 443-9	15
709	An active cytochrome c oxidase that has no tightly bound cardiolipin. **1983**, 209, 901-3	12

708	Isolation of a plasma-membrane fraction from gastric smooth muscle. Comparison of the calcium uptake with that in endoplasmic reticulum. **1983**, 210, 315-22	56
707	The effects of glucocorticoids on insulin-stimulated lipogenesis in primary cultures of rat hepatocytes. **1983**, 212, 135-41	70
706	Lipogenesis in liver, lung and adipose tissue of rats fed with oleoylanilide. **1983**, 212, 339-44	29
705	The influence of myo-inositol on phosphatidylglycerol synthesis by rat type II pneumonocytes. **1983** , 212, 811-8	26
704	The fatty acid composition of 1,2-diacylglycerol and polyphosphoinositides from human erythrocyte membranes. **1983**, 213, 555-7	33
703	Resistance to fusidic acid in Escherichia coli mediated by the type I variant of chloramphenicol acetyltransferase. A plasmid-encoded mechanism involving antibiotic binding. **1983**, 215, 29-38	22
702	Kinetics and mechanism of phosphatidylcholine and cholesterol exchange between chylomicrons and high-density lipoproteins. **1983**, 215, 279-86	12
701	Microalgae for lipid production: Cultivation, extraction & detection. **2022**, 66, 102765	1
700	Consumption of Farmed Fish, Fed with an Olive-Pomace Enriched Diet, and Its Effect on the Inflammatory, Redox, and Platelet-Activating Factor Enzyme Profile of Apparently Healthy Adults: A Double-Blind Randomized Crossover Trial. **2022**, 11, 2105	
699	Trichoderma Bio-Fertilizer Decreased C Mineralization in Aggregates on the Southern North China Plain. **2022**, 12, 1001	2
698	Processing and Storage Rather of Mortadella from Nile Tilapia Filleting Residues. 1-16	
697	Microbes in a neutral-alkaline paddy soil react differentially to intact and acid washed biochar.	
696	Development and Evaluation of fish-based Sauce Prepared with Mechanically Separated Meat of Hybrid Sorubim. 1-15	
695	Insulin-like growth factor 1 receptor mediates photoreceptor neuroprotection. **2022**, 13,	1
694	Proximal and fatty acid analysis in Ostrea chilensis, Crassostrea gigas and Mytilus chilensis (Bivalvia: Mollusca) from southern Chile. **2022**, 17, e0270825	
693	Evaluation of biostimulation, bioaugmentation, and organic amendments application on the bioremediation of recalcitrant hydrocarbons of soil. **2022**, 135638	3
692	Iron increases lipid deposition via oxidative stress-mediated mitochondrial dysfunction and the HIF1PPARpathway. **2022**, 79,	1
691	Energy Metabolism and Lipidome Are Highly Regulated during Osteogenic Differentiation of Dental Follicle Cells. **2022**, 2022, 1-20	1

690	Generation of a ceramide synthase 6 mouse lacking the DDRSDIE C-terminal motif. **2022**, 17, e0271675	
689	Glycogen synthase kinase homolog Rim11 regulates lipid synthesis through the phosphorylation of Pah1 phosphatidate phosphatase in yeast. **2022**, 102221	0
688	The Exploration of the Thermococcus barophilus Lipidome Reveals the Widest Variety of Phosphoglycolipids in Thermococcales. 13,	
687	Nogo-A reduces ceramide de novo biosynthesis to protect from heart failure.	0
686	Lactic Acid-Based Natural Deep Eutectic Solvents to Extract Bioactives from Marine By-Products. **2022**, 27, 4356	0
685	In situ glucosylceramide synthesis and its pharmacological inhibition analysed in cells by 13 C 5 -sphingosine precursor feeding and mass spectrometry.	
684	Transcriptomic and Histological Analysis of the Greentail Prawn (Metapenaeus bennettae) Following Light Crude Oil Exposure.	
683	Sphingolipid Catabolism and Glycerophospholipid Levels Are Altered in Erythrocytes and Plasma from Multiple Sclerosis Patients. **2022**, 23, 7592	
682	Distribution of microalgae and omega-3 as food for Sardinella lemuru in Bali Strait. **2022**, 1036, 012098	
681	Advanced unified monophasic lipid extraction protocol with wide coverage on the polarity scale optimized for large-scale untargeted clinical lipidomics analysis of platelets. **2022**, 1221, 340155	1
680	Assessing the potential of Chlorella sp. for treatment and resource utilization of brewery wastewater coupled with bioproduct production. **2022**, 367, 132939	0
679	Comprehensive metabolome analysis of intracellular metabolites in cultured cells. **2022**, 3, 101531	1
678	Microencapsulating role of whey protein isolate and sucrose in protecting the cell membrane and enhancing survival of probiotic lactobacilli strains during spray drying, storage, and simulated gastrointestinal passage. **2022**, 159, 111651	0
677	Indocarbocyanine nanoparticles extravasate and distribute better than liposomes in brain tumors. **2022**, 349, 413-424	
676	Chemical composition and biomethane production potential of Euglena gracilis biomass and extraction residue from supercritical CO2 extraction. **2022**, 19, 101140	0
675	Isolation and screening of indigenous microalgae species for domestic and livestock wastewater treatment, biodiesel production, and carbon sequestration. **2022**, 318, 115648	0
674	Distinct glycerophospholipids potentiate Gs-activated adenylyl cyclase activity. **2022**, 97, 110396	0
673	Production of lipids biosynthesis from Tetradesmus nygaardii microalgae as a feedstock for biodiesel production. **2022**, 326, 124985	0

672	New concept of biodiesel production using food waste digestate powder: Co-culturing algae-activated sludge symbiotic system in low N and P paper mill wastewater. **2022**, 844, 157207	0
671	Microalgal fractionation for lipids, pigments and protein recovery. **2022**, 121, 240-247	0
670	The influence of increased precipitation and nitrogen deposition on the litter decomposition and soil microbial community structure in a semiarid grassland. **2022**, 844, 157115	0
669	In yeast, cardiolipin unsaturation level plays a key role in mitochondrial function and inner membrane integrity. **2022**, 1863, 148587	0
668	Microalgae cultivation for antibiotic oxytetracycline wastewater treatment. **2022**, 214, 113850	0
667	Adaptive multi-paddock grazing increases soil nutrient availability and bacteria to fungi ratio in grassland soils. **2022**, 179, 104590	
666	Effect of starvation on the nutritional condition of juvenile green-lipped mussels of different sizes. **2022**, 560, 738580	1
665	Improved fillet quality in harvest-size Atlantic salmon fed high n-3 canola oil as a DHA-source. **2022**, 560, 738555	0
664	Butyrate oxidation attenuates the butyrate-induced improvement of insulin sensitivity in myotubes. **2022**, 1868, 166476	
663	Loss of FOCAD, operating via the SKI messenger RNA surveillance pathway, causes a pediatric syndrome with liver cirrhosis.	0
662	Comparative Study of Bioactive Lipid Extraction from Squid (Doryteuthis gahi) by-Products by Green Solvents. **2022**, 11, 2188	1
661	The Contribution of Polar Sphingolipids to Total Sphingolipid Content in Food Sources Determined Using a Facile Method for Quantitation of Long-Chain Bases. **2022**, 133803	
660	Spray drying of avocado pulp using the seed as an adjuvant. **2022**, 117738	
659	Utilization of Nannochloropsis oceanica in plant-based feeds by Atlantic salmon (Salmo salar). **2022**, 738651	
658	Progressive, Qualitative, and Quantitative Alterations in HDL Lipidome from Healthy Subjects to Patients with Prediabetes and Type 2 Diabetes. **2022**, 12, 683	3
657	Divergent evolution of extreme production of variant plant monounsaturated fatty acids. **2022**, 119,	0
656	Gestational and lactational exposure to the emergent alternative plasticizer 1,2-cyclohexane dicarboxylic acid diisononyl ester (DINCH) impairs lipid metabolism to a greater extent than the commonly used Di(2-ethylhexyl) phthalate (DEHP) in the adult rat mammary gland.	2
655	Arsenolipids in raw and cooked seafood products in southwest China: A non-targeted analysis. **2022** , 135769	

654	Lactational delivery of Triclosan promotes non-alcoholic fatty liver disease in newborn mice. **2022**, 13,	0
653	Application of dry olive residue-based biochar in combination with arbuscular mycorrhizal fungi enhances the microbial status of metal contaminated soils. **2022**, 12,	1
652	Dietary PUFA Preferably Modify Ethanolamine-Containing Glycerophospholipids of the Human Plasma Lipidome. **2022**, 14, 3055	0
651	Sustainable Production of Biodiesel Using UV Mutagenesis as a Strategy to Enhance the Lipid Productivity in R. mucilaginosa. **2022**, 14, 9079	
650	The diabetogenic effects of chronic supplementation of vitamin C or E in rats: Interplay between liver and adipose tissues transcriptional machinery of lipid metabolism. **2022**, 306, 120812	
649	Physical, chemical composition and umami compound of dried immature and mature roes of skipjack tuna (Katsuwonus pelamis). **2022**, 25, 390-402	0
648	Evaluation of banana peel hydrolysate as alternate and cheaper growth medium for growth of microalgae Chlorella sorokiniana.	0
647	Lower Non-Heme Iron Absorption in Healthy Females from Single Meals with Texturized Fava Bean Protein Compared to Beef and Cod Protein Meals: Two Single-Blinded Randomized Trials. **2022**, 14, 3162	1
646	Endocrine and Metabolic Impact of Oral Ingestion of a Carob-Pod-Derived Natural-Syrup-Containing D-Pinitol: Potential Use as a Novel Sweetener in Diabetes. **2022**, 14, 1594	
645	Comparative Evaluations to Enhance Chemical and Microbial Quality of Salted Grey Mullet Fish. **2022**, 7, 175	
644	Bioaccumulation Screening of Neutral Hydrophobic Organic Chemicals in Air-Breathing Organisms Using In Vitro Rat Liver S9 Biotransformation Assays.	0
643	Rhodococcus pseudokoreensis sp. nov. isolated from the rhizosphere of young M26 apple rootstocks. **2022**, 204,	1
642	A sphingolipid-mTORC1 nutrient-sensing pathway regulates animal development by an intestinal peroxisome relocation-based gut-brain crosstalk. **2022**, 40, 111140	0
641	Metabolic and Proteomic Analysis of Chlorella sorokiniana, Chloroidium saccharofilum, and Chlorella vulgaris Cells Cultured in Autotrophic, Photoheterotrophic, and Mixotrophic Cultivation Modes. **2022**, 27, 4817	
640	Effect of newly isolated high antioxidant diatom on the reproduction and stress tolerance of the marine copepod, Acartia erythraea under crowding stress.	0
639	Investigation of the biochemical characteristics of the secondary raw materials of caviar production for its subsequent industrial processing. **2022**, 1052, 012043	
638	Multi-omics profiling of the cold tolerant Monoraphidium minutum 26B-AM in response to abiotic stress. **2022**, 66, 102794	
637	Platelet Lipidome Fingerprint: New Assistance to Characterize Platelet Dysfunction in Obesity. **2022**, 23, 8326	1

636	A review on biodiesel production from microalgae: Influencing parameters and recent advanced technologies. 13,	1
635	Differential habitat use of a notorious invasive fish, the round goby, in a translocation-relevant system. **2022**, 12,	
634	Effect of Various Growth Medium on the Physiology and De Novo Lipogenesis of a Freshwater Microalga Scenedesmus rotundus-MG910488 under Autotrophic Condition. **2022**, 4, 733-751	0
633	GOLM1 depletion modifies cellular sphingolipid metabolism and adversely affects cell growth. **2022**, 100259	
632	High-Resolution Magic Angle Spinning NMR of KcsA in Liposomes: The Highly Mobile C-Terminus. **2022**, 12, 1122	
631	Fermented Spirulina (FS) products by different Lactic acid bacteria (LAB) and Bacillus strains: Manufacturing process, chemical composition and sensory properties. **2022**, 133994	3
630	Understanding common dolphin and Australasian gannet feeding associations from nutritional and ethological perspectives.	0
629	Impact of Omega-3 Fatty Acids Nano-Formulation on Growth, Antioxidant Potential, Fillet Quality, Immunity, Autophagy-Related Genes and Aeromonas hydrophila Resistance in Nile Tilapia (Oreochromis niloticus). **2022**, 11, 1523	2
628	Plant-soil interactions of an invasive plant species and its non-invading congener differ in soil from their original range.	
627	Simultaneous Treatment of Swine and Furfural Wastewater Integrated with Lipid Production of Chlorella pyrenoidosa. **2022**, 12, 8144	
626	Effects of Adding Ethanol Extract of Propolis on the Fermentation Quality, Aerobic Stability, Fatty Acid Profile, and In Vitro Digestibility of Alfalfa Silages. **2022**, 8, 412	
625	Biogas Production from Microalgal Biomass Produced in the Tertiary Treatment of Urban Wastewater: Assessment of Seasonal Variations. **2022**, 15, 5713	0
624	Analysis of Antioxidant Lipids in Five Species of Dietary Seaweeds by Liquid Chromatography/Mass Spectrometry. **2022**, 11, 1538	1
623	A concept formula with large, milk phospholipid-coated lipid droplets enriched with milk fat decreases palmitic acid and calcium levels in stools of healthy, term infants. 2200018	
622	Adaptation and Resistance: How Bacteroides thetaiotaomicron Copes with the Bisphenol A Substitute Bisphenol F. **2022**, 10, 1610	
621	A novel Tetrahymena thermophila sterol C-22 desaturase belongs to the Fatty Acid Hydroxylase/Desaturase superfamily. **2022**, 102397	
620	Full utilization of marine microalgal hydrothermal liquefaction liquid products through a closed-loop route: towards enhanced bio-oil production and zero-waste approach. **2022**, 12,	1
619	Integrated microalgae culture with food processing waste for wastewater remediation and enhanced biomass productivity. **2022**,	1

618	Long-term storage of microalgae: determination of optimum cryopreservation conditions. 1-9	
617	Autoantibody mimicry of hormone action at the thyrotropin receptor.	0
616	Impact of color of light and nitrogen concentration on Pavlova sp. biomass, cells size and biochemical composition. 1-9	
615	ATP-binding cassette protein ABCA7 deficiency impairs sphingomyelin synthesis, cognitive discrimination, and synaptic plasticity in the entorhinal cortex. **2022**, 102411	0
614	PGPR Kosakonia Radicincitans KR-17 Increases the Salt Tolerance of Radish by Regulating Ion-Homeostasis, Photosynthetic Molecules, Redox Potential, and Stressor Metabolites. 13,	0
613	Synaptamide Modulates Astroglial Activity in Mild Traumatic Brain Injury. **2022**, 20, 538	
612	Structural determination of the lipid A from the deep-sea bacterium Zunongwangia profunda SM-A87: a small-scale approach.	0
611	Were pronghorns (Antilocapra) primary prey for North American cheetahs (Miracinonyx)?. **2022**,	1
610	Drug-Initiated Activity Metabolomics Identifies Myristoylglycine as a Potent Endogenous Metabolite for Human Brown Fat Differentiation. **2022**, 12, 749	
609	Disruption of vitamin A homeostasis by the biocide tetrakis(hydroxymethyl) phosphonium sulphate in pregnant rabbits.	
608	Effect of fixed-dose combination of insulin degludec and liraglutide on apoB-containing lipoprotein subclasses and HDL lipidome in type 2 diabetes. **2022**, 108286	
607	In Vivo Yarrowia lipolytica Fermented Biomass Feed Supplementation for Shrimp and Its Effects Upon Frozen Meat Storage. 1-16	
606	Effects of Adding Rapeseed Oil or Milk Fat Cream to Liquid Hen Egg on Lipid Distribution after Centrifugation and Heat-Induced Gel Network.	
605	Portulaca oleracea L. Extract Regulates Hepatic Cholesterol Metabolism via the AMPK/MicroRNA-33/34a Pathway in Rats Fed a High-Cholesterol Diet. **2022**, 14, 3330	
604	Transient Complexity of E. coli Lipidome Is Explained by Fatty Acyl Synthesis and Cyclopropanation. **2022**, 12, 784	0
603	Carbon source availability drives nutrient utilization in CD8+ T´cells. **2022**,	2
602	Paternal high-fat diet alters triglyceride metabolism-related gene expression in liver and white adipose tissue of male mouse offspring. **2022**, 31, 101330	
601	Dominance of autochthonous trophic base in northeast Asian stream food webs pre- and post-monsoon. **2022**, 142, 109268	

600	Biofixation of CO2 and biomass production from model natural gas using microalgae: An attractive concept for natural gas sweetening. **2022**, 64, 102153	0
599	A high throughput method for fatty acid profiling using simultaneous microwave-assisted extraction and derivatization followed by reversed fill/flush flow modulation comprehensive multidimensional gas chromatography. **2022**, 4, 100039	1
598	Bioprospecting marine microalgae and cyanobacteria as alternative feedstocks for bioethanol production. **2022**, 29, 100798	2
597	Microalgae as a potential conditioner for continuous cropping obstacles for taro (Colocasia esculenta L. Schott) production. **2022**, 369, 133356	1
596	Microbial utilization of simple and complex carbon compounds in a temperate forest soil. **2022**, 173, 108786	0
595	Upcycling waste organic acids and nitrogen into single cell protein via brewer's yeast. **2022**, 369, 133279	0
594	Microalgae biodiesel: A sustainable source of energy, unit operations, technological challenges, and solutions. **2022**, 8, 100145	1
593	Meat quality in ewes submitted to reduction in water supply. **2022**, 216, 106801	
592	Genome-wide analysis of DGAT gene family in Perilla frutescens and functional characterization of PfDGAT2-2 and PfDGAT3-1 in Arabidopsis. **2022**, 324, 111426	0
591	Towards biodiesel sustainability: Waste sweet potato leaves as a green heterogeneous catalyst for biodiesel production using microalgal oil and waste cooking oil. **2022**, 187, 115467	1
590	Overexpression of the KAS III-like gene YxwZ3 increases carotenoids production in Aurantiochytrium sp. SZU445. **2022**, 187, 115435	
589	Docosahexaenoic acid production of the marine microalga Isochrysis galbana cultivated on renewable substrates from food processing waste under CO2 enrichment. **2022**, 848, 157654	1
588	Effect of bioactive-rich mango peel extract on physicochemical, antioxidant and functional characteristics of chicken sausage. **2022**, 2, 100183	1
587	Characterization, stability, digestion and absorption of a nobiletin nanoemulsion using DHA-enriched phosphatidylcholine as an emulsifier in vivo and in vitro. **2022**, 397, 133787	2
586	Supercritical methanol-induced esterification of microalgal lipids employing biomineralized cell walls as the catalyst. **2022**, 330, 125707	
585	Seasonal Changes in Biochemical Content of Green Algae Ulva intestinalis Linnaeus, 1753 From Sinop Coastal Environments.	0
584	An insight into the influence of random mutagenesis on growth and lipid accumulation in Chlorella vulgaris: transcriptome study.	0
583	The Impact of Thyme, Rosemary and Basil Extracts on the Chemical, Sensory and Microbiological Quality of Vacuumed Packed Mackerel Balls. **2022**, 11, 2845	0

582	Stearoyl-CoA Desaturase Regulates Angiogenesis and Energy Metabolism in Ischemic Cardiomyocytes. **2022**, 23, 10459	1
581	Identification of lysophosphatidic acid in serum as a factor that promotes epithelial apical junctional complex organization. **2022**, 298, 102426	0
580	Inclusion of duckweed (Lemna minor) in the diet improves flesh omega-3 long-chain polyunsaturated fatty acid profiles but not the growth of farmed Nile tilapia (Oreochromis niloticus). **2022**, 292, 115442	1
579	Potential applications of Botryococcus terribilis: A review. **2022**, 165, 106582	0
578	Lipidomic specializations of honeybee (Apis mellifera) castes and ethotypes. **2022**, 142, 104439	0
577	Engineering diverse fatty acid compositions of phospholipids in Escherichia coli. **2022**, 74, 11-23	2
576	Enhancing growth environment for attached microalgae to populate onto spent coffee grounds in producing biodiesel. **2022**, 169, 112940	0
575	Wastewater treatment and simultaneous production of algal lipids in sequencing batch reactors containing a microalgal-bacterial consortium. **2022**, 175, 105491	0
574	Dual assessment of transcriptional and metabolomic responses in the American dog tick following exposure to different pesticides and repellents. **2022**, 13, 102033	0
573	Impact of microalgal cell wall biology on downstream processing and nutrient removal for fuels and value-added products. **2022**, 187, 108642	1
572	Lipidome analysis and characterization of Buglossoides arvensis acyltransferases that incorporate polyunsaturated fatty acids into triacylglycerols. **2022**, 324, 111445	0
571	Long term outdoor microalgal phycoremediation of anaerobically digested abattoir effluent. **2022**, 323, 116322	0
570	Sulfoquinovosyldiacylglycerol and phosphatidylglycerol bilayers share biophysical properties and are good mutual substitutes in photosynthetic membranes. **2022**, 1864, 184037	0
569	A pilot-scale study of the integrated phycoremediation-photolytic ozonation based municipal solid waste leachate treatment process. **2022**, 323, 116237	0
568	In-situ sampling of lipids in tissues using a porous membrane microprobe for direct mass spectrometry analysis. **2022**, 16, 100424	0
567	Co-pyrolysis of hydrothermally pre-treated microalgae residue and polymeric waste (plastic/tires): Comparative and dynamic analyses of pyrolytic behaviors, kinetics, chars, oils, and in-situ gas emissions. **2023**, 331, 125814	0
566	Lipidomics of common octopus' (Octopus vulgaris) arm muscle using untargeted high-resolution liquid chromatography-mass spectrometry. **2023**, 115, 104871	1
565	Post-Fire Forest Floor Succession in a Central European Temperate Forest Depends on Organic Matter Input from Recovering Vegetation Rather than on Pyrogenic Carbon Input from Fire.	0

564	Fish roe phospholipids and health: composition, extraction, storage and brain health application. **2022**, 93-142	0
563	Nutritional Composition, Heavy Metal´Contents and Lipid´Quality of Five Marine Fish Species from Cameroon Coast.	0
562	Producing Spinnable Regenerated Cellulosic Fibers from Palm Fibers for Use in the Textile Industry. **2022**, 08, 163-186	0
561	Trophic position of dolphins tracks recent changes in the pelagic ecosystem of the Macaronesian region (NE Atlantic).	0
560	Exogenous Addition of Putrescine Enhanced Lipid Accumulation in Tetradesmus Obliquus for Increased Biodiesel Productivity.	0
559	Microalgae Cell Wall Disruption and Biocomponents Fractionation for Fuel Conversion. **2022**, 73-95	0
558	Effects of Rumen-Protected Methionine on Lipid Profiles of the Preimplantation Embryo and Endometrial Tissue of Holstein Cows.	0
557	Serum Ceramide Species Are Associated with Liver Cirrhosis and Viral Genotype in Patients with Hepatitis C Infection. **2022**, 23, 9806	0
556	Unbalanced Expression of Glutathione Peroxidase 4 and Arachidonate 15-Lipoxygenase Affects Acrosome Reaction and In Vitro Fertilization. **2022**, 23, 9907	2
555	Baobab-Fruit Shell and Fibrous Filaments Are Sources of Antioxidant Dietary Fibers. **2022**, 27, 5563	0
554	Corynebacterium genitalium sp. nov., nom. rev. and Corynebacterium pseudogenitalium sp. nov., nom. rev., two old species of the genus Corynebacterium described from clinical and environmental samples. **2022**, 103987	0
553	Effects of Production Systems and Seasons on Retail-Goat-Milk Fatty-Acid Composition and Nutritional Indices in Greece. **2022**, 12, 2204	1
552	Vitamin B12 Attenuates Changes in Phospholipid Levels Related to Oxidative Stress in SH-SY5Y Cells. **2022**, 11, 2574	0
551	In-Needle Pre-Column Derivatization for Amino Acid Quantification (iPDAQ) Using HPLC. **2022**, 12, 807	0
550	Stratum Corneum Structure and Function Studied by X-ray Diffraction. **2022**, 2, 79-108	0
549	Suitability of Solvent-Assisted Extraction for Recovery of Lipophilic Phytochemicals in Sugarcane Straw and Bagasse. **2022**, 11, 2661	1
548	Fossil organic carbon utilization in marine Arctic fjord sediments.	0
547	Reducing culture medium nitrogen supply coupled with replenishing carbon nutrient simultaneously enhances the biomass and lipid production of Chlamydomonas reinhardtii. 13,	1

546	Comparative trophic ecology of nearshore juvenile salmonids in Lake Ontario. **2022**,	0
545	Tri-Reagent Homogenate Is a Suitable Starting Material for UHPLC-MS Lipidomic Analysis. **2022**, 9, 268	0
544	Soil organic matter molecular composition with long-term detrital alterations is controlled by site-specific forest properties.	1
543	Plasma metabolomics and lipidomics signatures of motoric cognitive risk syndrome in community-dwelling older adults. 14,	0
542	The Golgi-localized sphingosine-1-phosphate phosphatase is indispensable for Leishmania major. **2022**, 12,	0
541	Optimisation of alkaline extraction of protein from brewers spent grain.	1
540	Ceramide Metabolism Regulated by Sphingomyelin Synthase 2 Is Associated with Acquisition of Chemoresistance via Exosomes in Human Leukemia Cells. **2022**, 23, 10648	0
539	Competition of Dual Roles of Ionic Liquids during In Situ Transesterification of Wet Algae.	0
538	Viral species differentially influence macronutrient preferences based on honey bee genotype. **2022**, 11,	0
537	Hemp seed significantly modulates the endocannabinoidome and produces beneficial metabolic effects with improved intestinal barrier function and decreased inflammation in mice under a high-fat, high-sucrose diet as compared with linseed. 13,	1
536	Seasonal energetic physiology in the ark shell Anadara kagoshimensis in response to rising temperature. 9,	0
535	Solid and Liquid Surface-Supported Bacterial Membrane Mimetics as a Platform for the Functional and Structural Studies of Antimicrobials. **2022**, 12, 906	1
534	Pig Slaughterhouse Wastewater: Medium Culture for Microalgae Biomass Generation as Raw Material in Biofuel Industries. **2022**, 14, 3016	0
533	Sprouting and Hydrolysis as Biotechnological Tools for Development of Nutraceutical Ingredients from Oat Grain and Hull. **2022**, 11, 2769	2
532	Isolation of Pseudomonas aromaticivorans sp. nov from a hydrocarbon-contaminated groundwater capable of degrading benzene-, toluene-, m- and p-xylene under microaerobic conditions. 13,	2
531	Fatty Acid-Derived N-acylethanolamines Dietary Supplementation Attenuates Neuroinflammation and Cognitive Impairment in LPS Murine Model. **2022**, 14, 3879	0
530	Orthogonality in Principal Component Analysis Allows the Discovery of Lipids in the Jejunum That Are Independent of Ad Libitum Feeding. **2022**, 12, 866	0
529	Comparative transcriptomic and lipidomic analyses indicate that cold stress enhanced the production of the long C18‐C22 polyunsaturated fatty acids in Aurantiochytrium sp.. 13,	0

528	Nitrated Fatty-Acids Distribution in Storage Biomolecules during Arabidopsis thaliana Development. **2022**, 11, 1869	0
527	4D genetic networks reveal the genetic basis of metabolites and seed oil-related traits in 398 soybean RILs. **2022**, 15,	0
526	Major Carotenoids of Meiothermus ruber Are Deinoxanthin Glucoside Esters, Not Meiothermoxanthin Glucoside Esters.	0
525	Generating polyketide diversity in Dictyostelium : a Steely hybrid polyketide synthase produces alternate products at different developmental stages. **2022**, 289,	2
524	Effect of Whey Protein Purity on the Characteristics of Algae Oil-Loaded Encapsulates Obtained by Electrospraying Assisted by Pressurized Gas. **2022**, 12, 3096	0
523	Recent Advances in Marine Microalgae Production: Highlighting Human Health Products from Microalgae in View of the Coronavirus Pandemic (COVID-19). **2022**, 8, 466	3
522	Exosomal lipids from membrane organization to biomarkers: Focus on an endolysosomal-specific lipid. **2022**,	1
521	Phosphatidic acid mediates the Nem1-Spo7/Pah1 phosphatase cascade in yeast lipid synthesis. **2022**, 100282	0
520	Chemical characterization of the introduced red alga Polyopes lancifolius (Halymeniales, Rhodophyta) from the Gulf of Morbihan, France. 1-12	0
519	Identification of a broad lipid repertoire associated to the endothelial cell protein C receptor (EPCR). **2022**, 12,	0
518	Optimization of a Calcium-Based Treatment Method for Jellyfish to Design Food for the Future. **2022**, 11, 2697	1
517	Nutritional Composition and Estimated Iron and Zinc Bioavailability of Meat Substitutes Available on the Swedish Market. **2022**, 14, 3903	1
516	Optimization of nutrient composition for enhanced microalgal biomass and macromolecules using RSM: An integrated approach towards improving microalgal biodiesel feasibility.	0
515	An environment-benign approach of bamboo pulp bleaching using extracellular xylanase of strain Bacillus stratosphericus EB-11 isolated from elephant dung.	0
514	Last Interglacial decadal sea surface temperature variability in the eastern Mediterranean.	1
513	PGC-1 maintains mitochondrial metabolism and restrains inflammatory gene expression. **2022**, 12,	1
512	Valorization of Microalgae Biomass to Biofuel Production: A review. **2022**, 7, 100139	0
511	Limited Stress Response to Transplantation in the Mediterranean Macroalga Ericaria amentacea, a Key Species for Marine Forest Restoration. **2022**, 19, 12253	0

510	Integrated Analysis of Gut Microbiome and Lipid Metabolism in Mice Infected with Carbapenem-Resistant Enterobacteriaceae. **2022**, 12, 892	0
509	Benchmarking One-Phase Lipid Extractions for Plasma Lipidomics. **2022**, 94, 12292-12296	1
508	Inter-individual variability of early life stages of a model marine invertebrate with a bi-phasic life cycle is shaped by contrasting oceanographic conditions. 9,	0
507	Starfish (Asterias rubens) as a New Source of Marine Lipids: Effect of Season, Size and Oil Extraction Methods. **2022**, 11, 2998	0
506	A bacterial pan-genome makes gene essentiality strain-dependent and evolvable. **2022**, 7, 1580-1592	1
505	Positive resolution of the wound-healing response in lens epithelial cells by Ti3C2T x MXene coatings for use in accommodative intraocular lens devices.	0
504	Influence of Different Packaging Materials on the Stability of Omega-3-Enriched Milk Powder During Storage.	0
503	Use of rotifers-fed microalgal paste in the seed production of Mangrove crab Scylla serrata in the Philippines.	0
502	Profile of Molecular Species of Triacylglycerides from the Sea Cucumber Apostichopus japonicus. **2022**, 58, 804-807	0
501	New Angled Twin‐layer Porous Substrate Photobioreactors for Cultivation of Nannochloropsis oculata. **2022**, 125914	0
500	Optimization of biomass production from Chlorella vulgaris by response surface methodology and study of the fatty acid profile for biodiesel production: A green approach. **2022**, 102505	1
499	Valorizing the organic fraction of municipal solid waste by producing black soldier fly larvae and biomethane in a biorefinery approach.. **2022**, 134422	0
498	Tertiary urban wastewater treatment with microalgae natural consortia in novel pilot photobioreactors. **2022**, 134521	0
497	Nutritional profiling of some selected commercially important freshwater and marine water fishes of Bangladesh. **2022**, 8, e10825	0
496	Mouse phospholipid phosphatase 6 regulates dendritic cell cholesterol, macropinocytosis, and allergen sensitization. **2022**, 25, 105185	0
495	Ethanolamine plasmalogens derived from scallops stimulate both follicle-stimulating hormone and luteinizing hormone secretion by bovine gonadotrophs. **2022**, 12,	0
494	Effect of cooking and smoking methods on proximate composition, lipid oxidation and mineral contents of Polypterus bichir bichir fish from far-north region of Cameroon. **2022**, e10921	0
493	Development of probiotic yoghurts with high protein content by ultrafiltration. **2022**,	0

492	Characterization of Pseudochloris wilhelmii potential for oil refinery wastewater remediation and valuable biomass cogeneration. 9,	0
491	Deacylation of galactolipids decomposes photosystem II dimers to enhance degradation of damaged D1 protein.	1
490	Influence of Hydrophobic Groups Attached to Amphipathic Polymers on the Solubilization of Membrane Proteins along with Their Lipids.	0
489	Loss-of-function of triacylglycerol lipases are associated with low flour rancidity in pearl millet [Pennisetum glaucum (L.) R. Br.]. 13,	0
488	Membrane lipid organization and nicotinic acetylcholine receptor function: A two-way physiological relationship. **2022**, 730, 109413	0
487	Malabaricone C derived from nutmeg inhibits arachidonate 5-lipoxygenase activity and ameliorates psoriasis-like skin inflammation in mice. **2022**, 193, 1-8	1
486	Waste utilization and biodiesel production from Desmodesmus maximus grown in swine wastewater using waste eggshells as a catalyst. **2022**, 99, 102293	0
485	Biochar addition augmented the microbial community and aided the digestion of high-loading slaughterhouse waste: Active enzymes of bacteria and archaea. **2022**, 309, 136535	0
484	Cold stress-induced changes in metabolism of carbonyl compounds and membrane fatty acid composition in chickpea. **2022**, 192, 10-19	0
483	Comparative Effects of Dominant Forest Tree Species on Soil Characteristics and Microbial Biomass. 78, 34-42	0
482	ATP-Binding Cassette Transporter Family C Protein 10 Participates in the Synthesis and Efflux of Hexosylceramides in Liver Cells. **2022**, 14, 4401	0
481	Differences in lipid metabolism in acquired versus preexisting glucose intolerance during gestation: role of free fatty acids and sphingosine-1-phosphate. **2022**, 21,	1
480	Effects of Repeated Lysergic Acid Diethylamide (LSD) on the Mouse Brain Endocannabinoidome and Gut Microbiome.	0
479	Western Diet-Fed ApoE Knockout Male Mice as an Experimental Model of Non-Alcoholic Steatohepatitis. **2022**, 44, 4692-4703	1
478	Three-dimensional printed microfluidic mixer/extractor for cell lysis and lipidomic profiling by matrix-assisted laser desorption/ionization mass spectrometry. 20220041	2
477	Advances in methods to analyse cardiolipin and their clinical applications. **2022**, 116808	0
476	Antioxidant Effect of Octopus Byproducts in Canned Horse Mackerel (Trachurus trachurus) Previously Subjected to Different Frozen Storage Times. **2022**, 11, 2091	0
475	Effects of biochar combined with nitrogen reduction on the soil microbial community of rapeseed. 1-15	0

474	Integrated Quantitative Targeted Lipidomics and Proteomics Reveal Unique Fingerprints of Multiple Metabolic Conditions. **2022**, 12, 1439	0
473	Understanding the Performance of Plant Protein Concentrates as Partial Meat Substitutes in Hybrid Meat Emulsions. **2022**, 11, 3311	0
472	Processing Alaska Pollock Protein (Theragra chalcogramma) into Kamaboko Protein Mitigates Elevated Serum Cholesterol and Postprandial Glucose Levels in Obese Zucker fa/fa Rats. **2022**, 11, 3434	0
471	Pseudomonas fitomaticsae sp. nov., isolated at Marimurtra Botanical Garden in Blanes, Catalonia, Spain. **2022**, 72,	0
470	Statistical optimization of microalgal biodiesel production and protein extraction from Chlorella sorokiniana cultivated in dairy effluent. **2022**,	0
469	Sex Differences of Cardiolipin in Tissue Distribution Based on Targeted Lipidomic Analysis by UHPLC-QTOF-MS/MS. **2022**, 27, 6988	0
468	Utilization of Agro-Industrial Residues in the Rearing and Nutritional Enrichment of Zophobas atratus Larvae: New Food Raw Materials. **2022**, 27, 6963	0
467	Dietary Fatty Acid Composition Impacts the Fatty Acid Profiles of Different Regions of the Bovine Brain. **2022**, 12, 2696	0
466	A companion to the preclinical common data elements for proteomics, lipidomics and metabolomics data in rodent epilepsy models. A Report of the TASK3-WG4 Omics Working Group of the ILAE / AES Joint Translational Task Force.	0
465	Chlorella vulgaris growth, pigment, and lipids accumulation: Effect of progressive light and hydrogen peroxide exposure.	0
464	Breeding stage and tissue isotopic consistency suggests colony-level flexibility in niche breadth of an Arctic marine bird.	0
463	LYSOPHOSPHATIDIC ACID ACYLTRANSFERASE 2 (LPAT2) is required for de novo glycerolipid biosynthesis, growth, and development in vegetative and reproductive tissues of Arabidopsis. **2022** , 112, 709-721	0
462	Nutritional Quality, Chemical, and Functional Characteristics of Hemp (Cannabis sativa ssp. sativa) Protein Isolate. **2022**, 11, 2825	1
461	A Bietti Crystalline Dystrophy Mouse Model Shows Increased Sensitivity to Light-Induced Injury. **2022**, 23, 13108	0
460	Retinoic Acid Receptor Alpha (RARα) in Macrophages Protects from Diet-Induced Atherosclerosis in Mice. **2022**, 11, 3186	0
459	Meat Quality and Muscle Tissue Proteome of Crossbred Bulls Finished under Feedlot Using Wet Distiller Grains By-Product. **2022**, 11, 3233	1
458	Deep Eutectic Solvent Pretreatment of Water Hyacinth for Improved Holocellulosic Saccharification and Fermentative Co-Production of Xylitol and Lipids Using Rhodosporidium toruloides NCIM 3547. **2022**, 8, 591	0
457	Discovery of Oleaginous Yeast from Mountain Forest Soil in Thailand. **2022**, 8, 1100	0

456	Effect of Previous Frozen Storage, Canning Process and Packing Medium on the Fatty Acid Composition of Canned Mackerel. **2022**, 20, 666	0
455	Excretion of triacylglycerol as a matrix lipid facilitating apoplastic accumulation of a lipophilic metabolite shikonin.	0
454	A class of anti-inflammatory lipids decrease with aging in the central nervous system.	0
453	Potential Role of Sphingolipidoses-Associated Lysosphingolipids in Cancer. **2022**, 14, 4858	1
452	ATP8B1 Deficiency Results in Elevated Mitochondrial Phosphatidylethanolamine Levels and Increased Mitochondrial Oxidative Phosphorylation in Human Hepatoma Cells. **2022**, 23, 12344	0
451	Lactobacillus-fermented wheat bran, as an economic fish feed ingredient, enhanced dephytinization, micronutrients bioavailability, and tilapia performance in a biofloc system. **2022**, 45, 102521	0
450	Simultaneous Analysis of Free/Combined Phytosterols in Rapeseed and Their Dynamic Changes during Microwave Pretreatment and Oil Processing. **2022**, 11, 3219	0
449	Comparison of Three Artificial Diets for the Larviculture of Giant Kōkopu (Galaxias argenteus). **2022**, 7, 310	1
448	Acetyl Co-A Carboxylase Inhibition Halts Hyperglycemia Induced Upregulation of De Novo Lipogenesis in Podocytes and Proximal Tubular Cells. **2022**, 12, 940	0
447	Selective microbial resolution of lupanine racemate: Bioprocess development and the impact of carbon catabolite repression on industrial wastewater valorisation.	0
446	Anti-inflammatory properties of neutral lipids, glycolipids, and phospholipids isolated from Ammodytes personatus eggs in LPS-stimulated RAW264.7 cells. **2022**,	0
445	The Effect of Deep Frying French Fries and Two Types of Iberian Pork on the Characteristics of Extra Virgin Olive Oil and the Fried Products. **2022**, 11, 3394	0
444	The lipidome of Crithidia fasiculataand its plasticity. 12,	0
443	Morphological, Molecular and Metabolic Characterization of the Pigmented Fungus Subramaniula asteroids. **2022**, 8, 1149	0
442	A lipid transfer protein ensures nematode cuticular impermeability. **2022**, 25, 105357	0
441	Oleic acid-bound FABP7 drives glioma cell proliferation through regulation of nuclear lipid droplet formation.	0
440	Growth, plasma biochemistry and immune-related gene expression of European sea bass (Dicentrarchus labrax) fed bioactive peptides from farmed salmon by-products. **2022**, 738982	0
439	Optimization of multiple enzymes production by fermentation using lipid-producing Bacillus sp.. 13,	0

438	Light modulates the lipidome of the photosynthetic sea slug Elysia timida. **2022**, 159249	0
437	Analysis of n-6 / n-3 ratio of polyunsaturated fatty acids in human serum by reactive thermal desorption-gas chromatography using a vertical microfurnace pyrolyzer. **2022**, 168, 105758	0
436	Antiproliferative Fatty Acids Isolated from the Polypore Fungus Onnia tomentosa. **2022**, 8, 1163	0
435	Modeling of separation of fatty acid methyl esters derived from fisheries waste by urea complexation method. **2022**, 188, 108689	1
434	Oxidative stress is inhibited by plant-based supplements: A quantitative lipidomic analysis of antioxidant activity and lipid compositional change. **2022**, 6, 100054	0
433	Complexity of the serpentinization lipidome. **2022**, 174, 104514	0
432	Mixed grass species differ in rhizosphere microbial community structure and function response to drought compared to monocultures. **2022**, 24, 100615	0
431	Two-stage algal cultivation for the biotransformation of urban wastewater's pollutants into multiple bioproducts in a circular bioeconomy paradigm. **2022**, 273, 116400	0
430	Molecularly tracing of children exposure pathways to environmental organic pollutants and the Autism Spectrum Disorder Risk. **2022**, 315, 120381	1
429	PGLN: A newly identified amino phosphoglycolipid species in Thermus thermophilus HB8. **2022**, 32, 101377	0
428	Co-cultivation of microalgae-cyanobacterium under various nitrogen and phosphorus regimes to concurrently improve biomass, lipid accumulation and easy harvesting. **2022**, 188, 108706	0
427	Different response to priming in Ceiba aesculifolia seeds is associated to the initial transcriptome landscape and to differential regulation of ABA and lipid metabolism. **2022**, 204, 105094	0
426	Protocol for rapid and accurate quantification of phospholipids in yeast and mammalian systems using LC-MS. **2022**, 3, 101769	0
425	Blue light alters cellular lipidome: light-induced lipidomic changes can be modulated by optogenetically engineered cPLA2. **2022**, 12, 100150	0
424	Inter and intra-specific trophic interactions of coastal delphinids off the eastern coast of South Africa inferred from stable isotope analysis. **2022**, 182, 105784	0
423	Depiction of growth specific changes in concentration of storage products in centric marine diatom Chaetoceros gracilis. **2022**, 190, 102289	0
422	L-lysine and dietary fiber improve the physicochemical properties of sausage without added phosphate and reduced salt levels. 80,	0
421	Bioaccumulation of CuO nanomaterials in rainbow trout: Influence of exposure route and particle shape. **2023**, 310, 136894	0

420	Variations in microbial carbon metabolic activities in sedge peatlands along an altitudinal gradient in the Changbai Mountain, China. **2023**, 220, 106722	0
419	Mesofauna as effective indicators of soil quality differences in the agricultural systems of central Cuba. **2023**, 182, 104688	0
418	The potential of biodiesel production from grasses in Thailand through consolidated bioprocessing using a cellulolytic oleaginous yeast, Cyberlindnera rhodanensis CU-CV7. **2023**, 263, 125759	0
417	Dissecting the molecular mechanisms of producing biofuel and value-added products by cadmium tolerant microalgae as sustainable biorefinery approach. **2023**, 454, 140068	0
416	Phycoremediation of Arsenic and biodiesel production using green microalgae Coelastrella sp. M60 an integrated approach. **2023**, 333, 126427	0
415	Bread-Making Properties of Lecithin Subjected to Phosphatidylglycerol Modification with Phospholipase D. **2018**, 44, 239-243	0
414	Biorefinery Approach for Sustainable Biodiesel and Bioethanol Production from Microalgae. **2022**, 31-53	0
413	Soil organic carbon sourcing variance in the rhizosphere vs. non-rhizosphere of two mycorrhizal tree species. **2023**, 176, 108884	0
412	The alteration of the expression level of neuropathy target esterase in human neuroblastoma SK-N-SH cells disrupts cellular phospholipids homeostasis. **2023**, 86, 105509	0
411	Bioremediation of domestic wastewater with microalgae-cyanobacteria co-culture by nutritional balance approach and its feasibility for biodiesel and animal feed production. **2023**, 454, 140197	1
410	Tailored designing of a diploid S. cerevisiae natural isolate for increased production of fatty acid ethyl ester. **2023**, 453, 139852	1
409	Inhibition of Cyclopropane Fatty Acid Synthesis in the Membrane of Halophilic Halomonas socia CKY01 by Kanamycin. **2022**, 27, 762-770	0
408	Quantitative Analyses and Validation of Phospholipids and Sphingolipids in Ischemic Rat Brains. **2022**, 12, 1075	0
407	Effect of Surfactant Assisted Ultrasonic Pretreatment on Production of Volatile Fatty Acids from Mixed Food Waste. **2022**, 128340	1
406	Fish By-Product Valorization as Source of Bioactive Compounds for Food Enrichment: Characterization, Suitability and Shelf Life. **2022**, 11, 3656	0
405	Energy acquisition strategy for reproduction in a semelparous squid. **2022**, 19,	0
404	Nutritional Quality, Techno-Functional Characteristics, and Safety of Biomass Powder and Protein Isolate Produced from Penicillium maximae. **2022**, 11, 3621	0
403	Circadian clock disruption aggravates alcohol liver disease in an acute mouse model. 1-13	0

402	Lipid Serum Profiling of Boar-Tainted and Untainted Pigs Using GC□GC□TOFMS: An Exploratory Study. **2022**, 12, 1111	0
401	C Type Natriuretic Peptide Receptor Activation Inhibits Sodium Channel Activity in Human Aortic Endothelial Cells by Activating the Diacylglycerol and Protein Kinase C Pathway. **2022**, 23, 13959	0
400	Performance of alcoholic solvents in the continuous countercurrent spent coffee grounds oil extraction. **2022**,	0
399	Niche partitioning of hydrothermal vent fauna in the North Fiji Basin, Southwest Pacific inferred from stable isotopes. **2022**, 169,	0
398	Nutritional anti-nutritional chemical composition and antioxidant activities of the leaves of the sea cliff dwelling species Limonium spathulatum (Desf.) Kuntze. 13,	0
397	Human milk nutritional composition across lactational stages in Central Africa. 9,	1
396	Microfluidic preparation of composite hydrogel microparticles for the staining of microalgal cells. **2022**, 113026	0
395	Biochemical characterization of abnormally softened sardine □oggy meat□during the spring spawning migration.	0
394	Maternal omega-3 fatty acid deficiency affects fetal thermogenic development and postnatal musculoskeletal growth in mice. **2022**, 109218	0
393	Gamma Radiation as a Pretreatment for Co-extraction of Lipids and Astaxanthin in Haematococcus pluvialis.	0
392	Cooperative Interaction of Phenolic Acids and Flavonoids Contained in Activated Charcoal with Herb Extracts, Involving Cholesterol, Bile Acid, and FXR/PXR Activation in Broilers Fed with Mycotoxin-Containing Diets. **2022**, 11, 2200	0
391	Cuticular Lipids as a First Barrier Defending Ixodid Ticks against Fungal Infection. **2022**, 8, 1177	0
390	PDZD8-deficient mice accumulate cholesteryl esters in the brain as a result of impaired lipophagy. **2022**, 105612	0
389	Soil microbial abundance was more affected by soil depth than the altitude in peatlands. 13,	0
388	Weak shock wave-mediated fucoxanthin extraction from Sargassum spp. and its electrochemical quantification. **2022**, 68, 102891	0
387	Bioprospecting of tropical microalgae for high-value products: n-3 polyunsaturated fatty acids and carotenoids. **2022**, 27, 101406	0
386	Maximizing unsaturated fatty acids production by using sugarcane agroindustry wastes in cultivation of Desmodesmus sp. in a flat plate photobioreactor. **2022**, 360, 117-124	0
385	Effects of Proteins and Lipids of Rice Starch on Gelatinization and Viscosity. **2017**, 43, 71-75	0

384	Combining bulk stable H isotope (2H) measurements with fatty acid profiles to examine differential use of aquatic vs. terrestrial prey by three sympatric species of aerial insectivorous birds. 10,	0
383	Development of Flavor and Taste Components of Sous-Vide-Cooked Nile Tilapia (Oreochromis niloticus) Fillet as Affected by Various Conditions. **2022**, 11, 3681	1
382	Circulating plasma phospholipid fatty acid levels as a biomarker of habitual dietary fat intake: the INTERMAP/INTERLIPID Study. **2022**,	0
381	Resource Recovery of the Wastewater-Derived Nutrients into Algal Biomass Followed by Its Cascading Processing to Multiple Products in a Circular Bioeconomy Paradigm. **2022**, 8, 650	0
380	Bioremediation of ethanol wash by microalgae and generation of bioenergy feedstock.	0
379	Pyrolysis of de-fatted microalgae residue: A study on thermal-kinetics, products optimization, and neural network modelling. **2023**, 334, 126752	1
378	Co-encapsulation of paprika and cinnamon oleoresin by spray drying using whey protein isolate and maltodextrin as wall material: Development, characterization and storage stability. **2022**, 112164	1
377	Development of skin-permeable flexible liposome using ergosterol esters containing unsaturated fatty acids. **2023**, 250, 105270	0
376	Acyl plastoquinol is a major cyanobacterial substance that co-migrates with triacylglycerol in thin-layer chromatography. **2023**, 641, 18-26	1
375	A MALDI-MS-based impact assessment of ZnO nanoparticles, nanorods and quantum dots on the lipid profile of bacterial pathogens. **2022**, 15, 87-98	0
374	Fatty acid metabolism in liver and muscle is strongly modulated by photoperiod in Fischer 344 rats. **2023**, 238, 112621	0
373	Two-dimensional liquid chromatography-mass spectrometry for lipidomics using off-line coupling of hydrophilic interaction liquid chromatography with 50 cm long reversed phase capillary columns. **2023**, 1687, 463707	0
372	Use of rice on the development of plant-based milk with antioxidant properties: From raw material to residue. **2023**, 173, 114271	0
371	Recovery of lipids and carotenoids from Dunaliella salina microalgae using deep eutectic solvents. **2023**, 69, 102940	0
370	A pilot study assessing sphingolipids and glycolipids dysmetabolism in idiopathic normal pressure hydrocephalus. **2023**, 639, 84-90	0
369	Cricket (Acheta domesticus) flour as meat replacer in frankfurters: Nutritional, technological, structural, and sensory characteristics. **2023**, 83, 103245	0
368	Characteristics, lipogenic enzyme activity, and fatty acid composition of muscles in the Iberian pig: Effects of protein restriction and free-range feeding. **2023**, 267, 105142	0
367	Lipid profile variability in children at different ages measured in dried blood spots.	0

366	Pilot scale production of Crocosphaera chwakensis CCY0110 and evaluation of its biomass nutritional potential. **2023**, 69, 102939	0
365	LC-MS analysis of D2O-labelled soil suggests a large fraction of membrane lipid exists within slow growing microbes. **2023**, 177, 108912	0
364	New Papiliotrema laurentii UFV-1 strains with improved acetic acid tolerance selected by adaptive laboratory evolution. **2023**, 164, 103765	0
363	Efficacy of vitamin E with or without probiotic, astaxanthin or rosemary extract on microbiological and chemical characteristics of fresh and frozen fillet of rainbow trout (Oncorhynchus mykiss). **2023**, 28, 101426	0
362	Post-fire forest floor succession in a Central European temperate forest depends on organic matter input from recovering vegetation rather than on pyrogenic carbon input from fire. **2023**, 861, 160659	0
361	Efficient nutrient removal of Pyropia-processing wastewater and rapid algal biomass harvesting by Scenedesmus obliquus combined with chitosan. **2023**, 51, 103365	0
360	Lipid alterations by oxidative stress increase detached acrosomes after cryopreservation of semen in Holstein bulls. **2023**, 197, 37-45	2
359	Peroxisomes attenuate cytotoxicity of very long-chain fatty acids. **2023**, 1868, 159259	0
358	Myeloperoxidase-derived hypochlorous acid targets human airway epithelial plasmalogens liberating protein modifying electrophilic 2-chlorofatty aldehydes. **2023**, 59, 102557	0
357	Feeding gilthead sea bream with increasing dietary bacterial single cell protein level: Implication on growth, plasma biochemistry, gut histology, and gut microbiota. **2023**, 565, 739132	0
356	qShot MALDI analysis: A rapid, simple, convenient, and reliable quantitative phospholipidomics approach using MALDI-TOF/MS. **2023**, 254, 124099	1
355	Production and antioxidant activity of peptides from sturgeon head. **2023**, 31, 100944	0
354	Effects of activation and assisted reproduction techniques on the composition, structure, and properties of the sauger (Sander Canadensis) spermatozoa plasma membrane. **2023**, 198, 87-99	0
353	A facile green synthesis route to silver nanoparticles using cyanobacterium Nostoc carneum and its photocatalytic, antibacterial and anticoagulative activity. **2023**, 34, 105110	0
352	Cell Type Variability in the Incorporation of Lipids in the Dengue Virus Virion. **2022**, 14, 2566	0
351	Squid industry by-product hydrolysate supplementation enhances growth performance of Penaeus monodon fed plant protein-based diets without fish meal. 6,	0
350	Habitat types and megabenthos composition from three sponge-dominated high-Arctic seamounts. **2022**, 12,	0
349	Unified-Hydrophilic-Interaction/Anion-Exchange Liquid Chromatography Mass Spectrometry (Unified-HILIC/AEX/MS): A Single-Run Method for Comprehensive and Simultaneous Analysis of Polar Metabolome. **2022**, 94, 16877-16886	0

348	Arginine Homopeptide of 11 Residues as a Model of Cell-Penetrating Peptides in the Interaction with Bacterial Membranes. **2022**, 12, 1180	0
347	Genomic basis of the giga-chromosomes and giga-genome of tree peony Paeonia ostii. **2022**, 13,	0
346	An FTIR Spectroscopy Investigation on Different Methods of Lipid Extraction from HepG2 Cells.	0
345	Can Growth of Nannochloropsis oculata under Modulated Stress Enhance Its Lipid-Associated Biological Properties?. **2022**, 20, 737	0
344	Feeding Ecology of Odontaster validus under Different Environmental Conditions in the West Antarctic Peninsula. **2022**, 11, 1723	0
343	Genome-Wide Identification and Expression Analysis of Fatty Acid Desaturase (FAD) Genes in Camelina sativa (L.) Crantz. **2022**, 23, 14550	0
342	Deglacial increase of seasonal temperature variability in the tropical ocean. **2022**, 612, 88-91	0
341	Performance Comparison of CSTR and CSFBR in Anaerobic Co-Digestion of Food Waste with Grease Trap Waste. **2022**, 15, 8929	1
340	Effects of Dietary Omega-3 Enrichment on the Chemical Composition and the Pathogenic Microbiota of Ovine Milk. **2022**, 11, 3736	0
339	Anianabacter salinae gen. nov., sp. nov. ASV31T, a Facultative Alkaliphilic and Extremely Halotolerant Bacterium Isolated from Brine of a Millennial Continental Saltern. **2022**, 14, 1009	0
338	Chlamydial Infection-Dependent Synthesis of Sphingomyelin as a Novel Anti-Chlamydial Target of Ceramide Mimetic Compounds. **2022**, 23, 14697	0
337	A Modeled High-Density Fed-Batch Culture Improves Biomass Growth and Glucans Accumulation in Microchloropsis salina. **2022**, 11, 3229	1
336	Gelatin from Saithe (Pollachius virens) Skin: Biochemical Characterization and Oxidative Stability in O/W Emulsions. **2022**, 20, 739	0
335	Lentil protein: impact of different extraction methods on structural and functional properties. **2022** , 8, e11775	1
334	Ethnological validation of Ashwagandha (Withania somnifera L. Dunal) ghrita as Vajikarana Rasayana In-silico, in-vitro and in-vivo approach. **2022**, 116064	2
333	Chemical Safety and Quality Attributes of Dried Sausage Snacks Stored in Modified Atmosphere. **2022**, 2022, 1-14	0
332	Combination of Solid State and Submerged Fermentation Strategies to Produce a New Jellyfish-Based Food. **2022**, 11, 3974	0
331	Preparation and properties of fucoxanthin-loaded liposomes stabilized by sea cucumber derived cholesterol sulfate instead of cholesterol. **2022**,	0

330	Differential Mobilization of the Phospholipid and Triacylglycerol Pools of Arachidonic Acid in Murine Macrophages. **2022**, 12, 1851	0
329	Linoleic Acid-Enriched Diet Increases Mitochondrial Tetralinoleoyl Cardiolipin, OXPHOS Protein Levels, and Uncoupling in Interscapular Brown Adipose Tissue during Diet-Induced Weight Gain. **2023**, 12, 9	0
328	Kidney tubular epithelial cell ferroptosis links glomerular injury to tubulointerstitial pathology in lupus nephritis. **2022**, 109213	1
327	Phytochemical Profiling and Untargeted Metabolite Fingerprinting of the MEDWHEALTH Wheat, Barley and Lentil Wholemeal Flours. **2022**, 11, 4070	1
326	Huntington disease oligodendrocyte maturation deficits revealed by single-nucleus RNAseq are rescued by thiamine-biotin supplementation. **2022**, 13,	1
325	Lipid peroxidation and sphingolipid alterations in cerebral cortex and hypothalamus of rats fed high-protein diet. **2022**, 111942	0
324	ELOVL4 mutations that cause spinocerebellar ataxia-34 differentially alter very long chain fatty acid biosynthesis. **2022**, 100317	0
323	The effects of feeding benzoic acid and/or active dry yeast (Saccharomyces cerevisiae) on fatty acid composition, sensory attributes, and retail shelf-life of beef longissimus thoracis.	0
322	Cross-Priming Approach Induced Beneficial Metabolic Adjustments and Repair Processes during Subsequent Drought in Olive. **2022**, 14, 4050	0
321	Staphylococcal phosphatidylglycerol antigens activate human T cells via CD1a.	0
320	Spatial variation in carbon source use and trophic position of ringed seals across a latitudinal gradient of sea ice. **2022**, 145, 109746	0
319	Characterization and Optimization of Culture Conditions for Aurantiochytrium sp. SC145 Isolated from Sand Cay (Son Ca) Island, Vietnam, and Antioxidative and Neuroprotective Activities of Its Polyunsaturated Fatty Acid Mixture. **2022**, 20, 780	2
318	Ursolic Acid Impairs Cellular Lipid Homeostasis and Lysosomal Membrane Integrity in Breast Carcinoma Cells. **2022**, 11, 4079	0
317	Parental effects and individual experience of predation risk informs growth and the energy budget of prey.	0
316	LipidPolymer Hybrid Nanoparticles for mRNA Delivery to Dendritic Cells: Impact of Lipid Composition on Performance in Different Media. **2022**, 14, 2675	0
315	Effects of Bifidobacterium with the Ability of 2?-Fucosyllactose Utilization on Intestinal Microecology of Mice. **2022**, 14, 5392	0
314	Molecular-level evidence of early lipid transformations throughout oceanic depths. **2022**,	0
313	LDL delivery of microbial small RNAs drives atherosclerosis through macrophage TLR8. **2022**, 24, 1701-1713	0

312	Semiochemicals from Urine and Hair of Clouded Leopard (Neofelis nebulosa Griffith, 1821).	0
311	Investigating the physical and quality characteristics and rheology of mayonnaise containing aquafaba as an egg substitute. **2022**, 111388	0
310	Seasonal changes of stable isotope signals in the primary feathers of plains sharp-tailed grouse.	0
309	Fourier Transform Infrared Spectrometry Detection of Phaeodactylum tricornutum Biomacromolecules in Response to Environmental Changes.	0
308	Screening for microbial potentiators of neutral lipid degradation in CHO-K1 cells. **2022**, 16, 273-279	0
307	Yeast Sec14-like lipid transfer proteins Pdr16 and Pdr17 bind and transfer the ergosterol precursor lanosterol in addition to phosphatidylinositol.	0
306	Imaging and Manipulation of Plasma Membrane Fatty Acid Clusters Using TOF-SIMS Combined Optogenetics. **2023**, 12, 10	0
305	Milk fat depression and plasma lipids in dairy cows and goats. **2022**, 16, 100635	0
304	Response surface optimization of product yields and biofuel quality during fast hydrothermal liquefaction of a highly CO2-tolerant microalgae. **2022**, 160541	0
303	A new method for detecting proanthocyanidin content in wheat reveals the relationship between R-1 gene to grain color deepness.	1
302	Quantification of free and esterified long-chain fatty acids without extraction by high-performance liquid chromatography in anaerobic digestion sludge.	0
301	High-fat Diet-induced deSUMOylation of E4BP4 Promotes Lipid Droplet Biogenesis and Liver Steatosis in Mice.	0
300	In´vitro and in cellulo ApoE particle formation, isolation, and characterization. **2022**, 3, 101894	0
299	Reconstructed membrane vesicles from the microalga Dunaliella as a potential drug delivery system. **2022**, 108360	0
298	Lipid Profiles of Urinary Extracellular Vesicles Released during the Inactive and Active Phases of Aged Male Mice with Spontaneous Hypertension. **2022**, 23, 15397	0
297	Tomato Sterol 22-desaturase Gene CYP710A11: Its Roles in Meloidogyne incognita Infection and Plant Stigmasterol Alteration. **2022**, 23, 15111	0
296	Biosynthesis of Hybrid Neutral Lipids with Archaeal and Eukaryotic Characteristics in Engineered Saccharomyces cerevisiae.	0
295	Untargeted Metabolomics Associated with Behavioral and Toxicological Studies Yield Insights into the Impact of 2,6-Dichloro-3-hydroxy-1,4-benzoquinone Disinfection By-Product on Zebrafish Larvae. **2022**, 7, 368	0

294	Response in barley roots during interaction with bacillus subtilis and fusarium graminearum. **2022**, 105128	0
293	Reclassification of eight Akkermansia muciniphila strains and description of Akkermansia massiliensis sp. nov. and Candidatus Akkermansia timonensis, isolated from human feces. **2022**, 12,	0
292	Municipal Wastewater Effects on the Performance of Nutrient Removal, and Lipid, Carbohydrate, and Protein Productivity of Blue-Green Algae Chroococcus turgidus. **2022**, 14, 17021	0
291	A metabolic associated fatty liver disease risk variant in MBOAT7 regulates toll like receptor induced outcomes. **2022**, 13,	0
290	Formulation and characterization of popsicles using dehydrated passion fruit juice with foxtail millet milk.	0
289	Genetic defects in peroxisome morphogenesis (Pex11 dynamin-like protein 1, and nucleoside diphosphate kinase 3) affect docosahexaenoic acid-phospholipid metabolism.	1
288	Hepatic GATA4 regulates cholesterol and triglyceride homeostasis in collaboration with LXRs.	0
287	Microalgal Growth in Aquaculture Effluent: Coupling Biomass Valorisation with Nutrients Removal. **2022**, 12, 12608	0
286	Characterization of Neochloris oleoabundans under Different Cultivation Modes and First Results on Bioactivity of Its Extracts against HCoV-229E Virus. **2023**, 12, 26	1
285	Nitrogen Sources Affect the Long-Chain Polyunsaturated Fatty Acids Content in Thraustochytrium sp. RT2316-16. **2023**, 21, 15	2
284	Exploring the Pivotal Significance of Microalgae-Derived Sustainable Lipid Production: A Critical Review of Green Bioenergy Development. **2023**, 16, 531	0
283	Inducing trained immunity in pro-metastatic macrophages to control tumor metastasis.	0
282	Association between maternal obesity, essential fatty acids and BIOMARKERS OF fetal liver function. **2023**, 102541	0
281	Dapagliflozin Treatment Augments Bioactive Phosphatidylethanolamine Concentrations in Kidney Cortex Membrane Fractions of Hypertensive Diabetic db/db Mice and Alters the Density of Lipid Rafts in Mouse Proximal Tubule Cells. **2023**, 24, 1408	0
280	Cardiac Transcriptome Remodeling and Impaired Bioenergetics in Single-Ventricle Congenital Heart Disease. **2023**,	0
279	Lipid Extraction and Sample Preservation Techniques for Stable Isotope Analysis and Ecological Assays. **2023**, 241-257	0
278	Analysis of Lipid Contents in Human Trabecular Meshwork Cells by Multiple Reaction Monitoring (MRM) Profiling Lipidomics. **2023**, 291-298	0
277	Evaluating different levels of papain as texture modifying agent in bovine meat loaf containing transglutaminase. **2023**, 109112	0

276	Using the Synergy between HPLC-MS and MALDI-MS Imaging to Explore the Lipidomics of Clear Cell Renal Cell Carcinoma.	0
275	Positional Distribution of Fatty Acids in Processed Chinook Salmon Roe Lipids Determined by 13C Magnetic Resonance Spectroscopy (NMR). **2023**, 28, 454	0
274	Rapid Multi-Omics Sample Preparation for Mass Spectrometry.	0
273	Quality and chemical stability of long-term stored soy, canola, and sunflower cold-pressed cake lipids before and after thermomechanical processing: A 1H NMR study. **2023**, 173, 114409	0
272	LipidomicsPaving the Road towards Better Insight and Precision Medicine in Rare Metabolic Diseases. **2023**, 24, 1709	0
271	Accumulation of oxysterols in the erythrocytes of COVID-19 patients as a biomarker for case severity.	0
270	Edible exosome-like nanoparticles from Portulaca oleracea L prevent DSS-induced colitis via the promotion of double-positive CD4 + CD8 + T cells.	0
269	Transmembrane protein 135 regulates lipid homeostasis through its role in peroxisomal DHA metabolism. **2023**, 6,	0
268	Transcriptomic Signature of the Simulated Microgravity Response in Caenorhabditis elegans and Comparison to Spaceflight Experiments. **2023**, 12, 270	0
267	Development of economical and sustainable cultivation system for biomass production and simultaneous treatment of municipal wastewater using Tetraselmis indica BDUG001. 1-21	0
266	Effects of citrus essential oils on the oxidative stability of microencapsulated fish oil by spray-drying. 9,	0
265	Transformation of Seafood Side-Streams and Residuals into Valuable Products. **2023**, 12, 422	0
264	Biomass production of green microalgae Chlorella vulgaris through CO2 sequestration. **2023**,	0
263	Identification of Protective Amino Acid Metabolism Events in Nursery Pigs Fed Thermally Oxidized Corn Oil. **2023**, 13, 103	0
262	Cell-cell metabolite exchange creates a pro-survival metabolic environment that extends lifespan. **2023**, 186, 63-79.e21	0
261	The different toxicological effects and removal efficiencies of norfloxacin and sulfadiazine in culturing Arthrospira (Spirulina) platensis. **2023**, 250, 114468	0
260	Benthic Foraminifera and Productivity Regimes in the Kveithola Trough (Barents Sea)Ecological Implications in a Changing Arctic and Actuopaleontological Meaning. **2023**, 11, 237	0
259	LipidA-IDER to Explore the Global Lipid A Repertoire of Drug-Resistant Gram-Negative Bacteria.	0

258	Combined Use of MALDI-TOF Mass Spectrometry and 31P NMR Spectroscopy for the Analysis of (Phospho)Lipids. **2023**, 183-200	0
257	Growth kinetics and metabolic characteristics of five freshwater indigenous microalgae for nutrient removal and biofuel generation: a sustainable approach.	0
256	Qualitative improvement of bio-oil derived from hydrothermal liquefaction of liquid fertiliser drained Kappaphycus alvarezii.	0
255	Differential Regulation of Glucosylceramide Synthesis and Efflux by Golgi and Plasma Membrane Bound ABCC10. **2023**, 15, 346	0
254	Beyond the Interface: Improved Pulmonary Surfactant-Assisted Drug Delivery through Surface-Associated Structures. **2023**, 15, 256	0
253	A Short-Term Supplementation with a Polyphenol-Rich Extract from Radiata Pine Bark Improves Fatty Acid Profiles in Finishing Lambs. **2023**, 13, 188	0
252	Mycobacterium tuberculosis induces delayed lipid droplet accumulation in dendritic cells depending on bacterial viability and virulence.	0
251	Aï pulp improves cognition and insulin sensitivity in obese mice. 1-11	1
250	Aerobic respiration, biochemical composition, and glycolytic responses to ultraviolet radiation in jellyfish Cassiopea sp. 9,	0
249	N-3 PUFA Deficiency Aggravates Streptozotocin-Induced Pancreatic Injury in Mice but Dietary Supplementation with DHA/EPA Protects the Pancreas via Suppressing Inflammation, Oxidative Stress and Apoptosis. **2023**, 21, 39	0
248	Curcumin Has Beneficial Effects on Lysosomal Alpha-Galactosidase: Potential Implications for the Cure of Fabry Disease. **2023**, 24, 1095	1
247	Interactive effects of cold and temperate conditions on growth and biochemical content of Antarctic microalga Chlorella variabilis YTU.ANTARCTIC.001.	0
246	Grass rather than legume species decreases soil organic matter decomposition with nutrient addition. **2023**, 177, 108936	0
245	Microalgae on distillery wastewater treatment for improved biodiesel production and cellulose nanofiber synthesis: A sustainable biorefinery approach. **2023**, 315, 137666	1
244	Data for Oxidative stress is inhibited by plant-based supplements: a quantitative lipidomic analysis of antioxidant activity and lipid compositional change **2023**, 46, 108879	0
243	Bioflocs enriched with lyophilized aï (Euterpe oleracea) improved the survival and weight gain of Litopenaeus vannamei post-larvae cultivated in the BFT system. **2023**, 566, 739230	0
242	Heme b inhibits class III adenylyl cyclases. **2023**, 103, 110568	0
241	Individual and combined effects of hypoxia and hypercapnia on feeding and feed utilization in Nile tilapia (Oreochromis niloticus). **2023**, 567, 739239	0

240	Enzymatic approach for the extraction of bioactive fractions from red, green and brown seaweeds. **2023**, 138, 25-39	0
239	Effect and characterization of polysaccharides extracted from Chlorella sp. by hot-water and alkali extraction methods. **2023**, 70, 102970	0
238	Exploring the potential effect of phospholipase A2 antibody to extend beef shelf-life in a beef liposome model system. **2023**, 198, 109091	0
237	Enoyl-CoA hydratase/3-hydroxyacyl-CoA dehydrogenase (ehhadh) is essential for production of DHA in zebrafish. **2022**, 100326	0
236	African American Women with Cardiometabolic Complications of Pregnancy Have Decreased Serum Abundance of Specialized Pro-Resolving Lipid Mediators and Endocannabinoids. **2023**, 15, 140	0
235	Human Alpha-1 Antitrypsin Attenuates ENaC and MARCKS and Lowers Blood Pressure in Hypertensive Diabetic db/db Mice. **2023**, 13, 66	0
234	Insights into the use of landfill leachate to grow Chlorella sp. for lipid and fatty acids production.	0
233	Effective Chlorella vulgaris Biomass Harvesting through Sulfate and Chloride Flocculants. **2023**, 11, 47	0
232	Description and Genomic Characterization of Oceaniferula flavus sp. nov., a Novel Potential Polysaccharide-Degrading Candidate of the Difficult-to-Cultivate Phylum Verrucomicrobiota Isolated from Seaweed. **2023**, 21, 31	0
231	Convective Drying of Purple Basil (Ocimum basilicum L.) Leaves and Stability of Chlorophyll and Phenolic Compounds during the Process. **2023**, 12, 127	1
230	The novel strategy for enhancing growth and lipid accumulation in Chlorella vulgaris microalgae cultured in dairy wastewater by monochromatic LEDs and melatonin.	0
229	Ultrasonic-Assisted Extraction and Antioxidant Potential of Valuable Protein from Ulva rigida Macroalgae. **2023**, 13, 86	0
228	Biofabricated growth kinetics and macromolecule production potential of food and agri-wastes as a D.armatus nutrient media. **2023**, 115320	0
227	Byproducts of Globe Artichoke and Cauliflower Production as a New Source of Bioactive Compounds in the Green Economy Perspective: An NMR Study. **2023**, 28, 1363	0
226	Optimisation of Low-Toxicity Solvent Employment for Total Lipid and Tocopherol Compound Extraction from Patagonian Squid By-Products. **2023**, 12, 504	0
225	Lipid Biomarkers in Liquid Biopsies: Novel Opportunities for Cancer Diagnosis. **2023**, 15, 437	0
224	Identification and Functional Analysis of Acyl-Acyl Carrier Protein Δ9 Desaturase from Nannochloropsis oceanica. **2023**, 61, 95-107	0
223	Bacillus subtilis K-C3 as Potential Starter to Improve Nutritional Components and Quality of Shrimp Paste and Corresponding Changes during Storage at Two Alternative Temperatures. **2023**, 9, 107	0

222	Nano-copper Enhances Gene Regulation of Non-specific Immunity and Antioxidative Status of Fish Reared Under Multiple Stresses.	0
221	Exposure to solar ultraviolet radiation establishes a novel immune suppressive lipidome in skin-draining lymph nodes. 13,	0
220	Development and Validation of a Bioanalytical Method for the Quantification of Nitrated Fatty Acids in Plasma Using LC-MS/MS: Application to Cardiovascular Patients. **2023**, 10, 87	0
219	PPARδ activation partially drives NAFLD development in liver-specific Hnf4a-null mice.	0
218	Biochemical characterization and insights into the potency of the acidic Aspergillus niger NRC114 purified β-galactosidase in removing raffinose family oligosaccharides from soymilk yogurt. **2023**, 23,	0
217	Effect of Clinical and Laboratory Parameters on HDL Particle Composition. **2023**, 24, 1995	0
216	Comprehensive characterization of complex glycosphingolipids in human pancreatic cancer tissues. **2023**, 102923	0
215	Peat decomposition and erosion contribute to pond deepening in a temperate salt marsh.	0
214	Critical role of the RpoE stress response pathway in polymyxin resistance of Escherichia coli.	0
213	Comprehensive treatment strategy for banana inflorescence bract to synthesize biodiesel and bioethanol through fungal biorefinery.	0
212	Biodiesel Production from Chlorella homosphaera by Two-Step Catalytic Conversion Using Waste Radish Leaves as a Source for Heterogeneous Catalyst.	0
211	Chitosan-based nanocapsules by emulsification containing PUFA concentrates from tuna oil. 108201322311534	0
210	A Lipidomics- and Transcriptomics-Based Analysis of the Intestine of Genetically Obese (ob/ob) and Diabetic (db/db) Mice: Links with Inflammation and Gut Microbiota. **2023**, 12, 411	0
209	Applications of thin-layer chromatography to the analysis of lipids. **2023**, 437-472	0
208	Impact of Different Light Characteristics on the Growth and Lipid Content of Diatom <i>Phaeodactylum tricornutum</i> Transconjugant Strains. **2023**, 14, 41-63	0
207	Distinctly localized lipid phosphate phosphatases mediate endoplasmic reticulum glycerolipid metabolism in Arabidopsis.	0
206	Performance and Tolerance of a Protocol for Idiopathic Chronic Greasy Seborrhea in 18 Dogs Using a Shampoo and Mousse Containing Plant Extracts. **2023**, 10, 95	0
205	Direct activation of microglia by β-glucosylceramide causes phagocytosis of neurons that exacerbates Gaucher disease. **2023**,	0

204	Diet of deep-sea holothurians in theVolcanologists Massif, Bering sea, as inferred from stable isotope and fatty acid analyses. **2023**, 208, 105266	0
203	A study of microalgae cultivation in hydrothermal carbonization process water: Nutrient recycling, characterization and process design. **2023**, 30, 103048	0
202	Reducing phosphorus emissions from net cage fish farming by diet manipulation. **2023**, 334, 117445	0
201	Assessment of the effects of collets moisture and addition of ethyl esters on the ethanolic extraction of soybean oil. **2023**, 348, 111456	0
200	Gut microbiota promote liver regeneration through hepatic membrane phospholipid biosynthesis. **2023**, 78, 820-835	0
199	Retinoids stored locally in the lung are required to attenuate the severity of acute lung injury in male mice. **2023**, 14,	0
198	Mastering targeted genome engineering of GC-rich oleaginous yeast for tailored plant oil alternatives for the food and chemical sector. **2023**, 22,	0
197	Brain fatty acid and transcriptome profiles of pig fed diets with different levels of soybean oil. **2023** , 24,	0
196	Preanalytics for Lipidomics Analysis. **2023**, 13-40	0
195	Modulation of Dietary Fatty Acids in an Open-Label Study Improves Psoriasis and Dampens the Inflammatory Activation Status. **2023**, 15, 1698	0
194	Evaluation of Lipid Extracts from the Marine Fungi Emericellopsis cladophorae and Zalerion maritima as a Source of Anti-Inflammatory, Antioxidant and Antibacterial Compounds. **2023**, 21, 199	0
193	Gastrointestinal structure and function of preweaning dairy calves fed a whole milk powder or a milk replacer high in fat. **2023**, 106, 2408-2427	0
192	A short-chain acyl-CoA synthetase that supports branched-chain fatty acid synthesis in Staphylococcus aureus. **2023**, 299, 103036	0
191	Vitellogenin 1 is essential for fish reproduction by transporting DHA-containing phosphatidylcholine from liver to ovary. **2023**, 1868, 159289	0
190	Conserved regions of the regulatory subunit Spo7 are required for Nem1-Spo7/Pah1 phosphatase cascade function in yeast lipid synthesis. **2023**, 104683	0
189	New and known species of the genus Desmodora De Man, 1889 (Nematoda: Desmodoridae) from the hydrothermal vent communities of the Piip volcano (south-west Bering Sea). **2023**, 208, 105267	0
188	Methods for assessing the bioaccumulation of hydrocarbons and related substances in terrestrial organisms: A critical review.	0
187	SM22αDeletion Contributes to Neurocognitive Impairment in Mice through Modulating Vascular Smooth Muscle Cell Phenotypes. **2023**, 24, 7117	0

186	The Inhibitory Effects of Hydroxytyrosol, Tocopherol and Ascorbyl Palmitate on Lipid Peroxidation in Deep-Fat Fried Seafood. **2023**, 12, 929	0
185	Quantification of bulk lipid species in human platelets and their thrombin-induced release. **2023**, 13,	0
184	Correlation between sphingomyelin and the membrane stability of mammalian erythrocytes. **2023**, 265, 110833	0
183	Differentiation-linked changes in the biosynthesis and turnover of sphingomyelins in rat male germ cells: Genes involved and effects of testosterone. **2023**, 299, 103058	0
182	Biorefining of corn stover for efficient production of bioethanol, biodiesel, biomethane, and value-added byproducts. **2023**, 283, 116877	0
181	Combined glucose-dependent insulinotropic polypeptide receptor and glucagon-like peptide-1 receptor agonism attenuates atherosclerosis severity in APOE*3-Leiden.CETP mice. **2023**, 372, 19-31	0
180	Isotope fractionation in juvenile and large rainbow trout (Oncorhynchus mykiss): Repeatability of stable isotope measures and their relationship to growth rate. **2023**, 569, 739380	0
179	An evaluation of the growth and immunity of New Zealand black-footed abalone (Haliotis iris) treated with encapsulated feed and probiotics. **2023**, 299, 115639	0
178	Properties of alginate-like exopolymers recovered from flocculent and granular microbial sludges of different biological treatment systems treating real municipal wastewater. **2023**, 313, 123460	0
177	How do pH and temperature influence extraction yield, physicochemical, functional, and rheological characteristics of brewer spent grain protein concentrates?. **2023**, 139, 34-45	1
176	A novel cultivation platform of duckweed (Lemna minor) via application of beeswax superhydrophobic coatings. **2023**, 224, 115544	0
175	Long-term different fertilization regimes impact on the fate of root-derived C and microbial community structure in paddy soil. **2023**, 116, 103487	0
174	Long-term fertilizer postponing increases soil carbon sequestration by changing microbial composition in paddy soils: A 13CO2 labelling and PLFA study. **2023**, 180, 108996	0
173	Deyeuxia angustifolia upward migration and nitrogen deposition change soil microbial community structure in an alpine tundra. **2023**, 180, 109009	0
172	Alternative sources of marine bioactive compounds from the Black Sea: Isolation and characterization of fish skin collagen from Neogobius melanostomus (Pallas 1814) (Perciformes: Gobiidae). **2023**, 60, 102887	0
171	Impact of purine nucleotide on fatty acid metabolism and expression of lipid metabolism-related gene in the liver cell of rainbow trout Oncorhynchus mykiss. **2023**, 266, 110845	0
170	Use of Lactiplantibacillus plantarum CNPC 003 for the manufacture of functional skimmed fresh cheese. **2023**, 141, 105628	0
169	A biphasic photobioreactor system for consecutive extraction of lipids and carotenoids from pre-hydrolysed microalgae and evaluation of its biodiesel potential. **2023**, 226, 115681	0

168	Decrease in cholesterol in the cell membrane is essential for Nrf2 activation by quercetin. **2023**, 116, 109329	0
167	Global serum metabolomic and lipidomic analyses reveal lipid perturbations and potential biomarkers of the colorectal cancer by adenoma-carcinoma sequence. **2023**, 51, 100270	0
166	Characterization of baru (Dipteryx alata Vog.) and application of its agro-industrial by-product in the formulation of cookies. **2023**, 12, 100577	0
165	New insights into the microalgal culture using kitchen waste: Enzyme pretreatment and mixed microalgae self-flocculation. **2023**, 195, 108904	0
164	Lipidomics characterized TAG biosynthesis of developing kernels in three walnut cultivars in Xinjiang region. **2023**, 416, 135808	0
163	Elevated CO2 alters aggregate-carbon and microbial community but does not affect total soil organic C in the semi-arid tropics. **2023**, 187, 104843	0
162	Ozone processing of peanut milk: Degradation of aflatoxins, impact on quality attributes and the potential effect on peanut allergens. **2023**, 405, 136950	0
161	Grazing, liming, and fertilization: Shifts on soil fertility and microbial community in a no-till sheep-soybean integrated system. **2023**, 188, 104893	0
160	The structure of triglycerides impacts the digestibility and bioaccessibility of nutritional lipids during in vitro simulated digestion. **2023**, 418, 135947	0
159	Growth performance and lipid profiles of some tropical microalgae: An assessment of their potential as biofuel source. **2023**, 50, 102699	0
158	Lactobacillus delbrueckii subsp. bulgaricus derivatives for 3D printed alginate/hyaluronic acid self-crosslinking hydrogels: Manufacturing and wound healing potential. **2023**, 124454	0
157	Effects of dietary synbiotics and biofloc meal on the growth, tissue histomorphology, whole-body composition and intestinal microbiota profile of Nile tilapia (Oreochromis niloticus) cultured at different salinities. **2023**, 570, 739391	0
156	A sustainable bioeconomy approach for improved biodiesel production using photocatalytic GO@CN assisted cultivation of Chlorosarcinopsis sp. MAS04. **2023**, 173, 106802	0
155	Disturbances in growth, oxidative stress, energy reserves and the expressions of related genes in Daphnia magna after exposure to ZnO under thermal stress. **2023**, 869, 161682	0
154	Stoichiometry and energy assessment comparison between thermophilic and mesophilic high-solid anaerobic co-digestion of lipids and food waste. **2023**, 459, 141551	0
153	Effects of Advanced Oxidation on Wastewater Effluent Ecotoxicity: A Novel Assessment through the Life History and Lipidomics Analysis of Daphnia magna. **2023**, 3, 438-447	0
152	Improving the textural and nutritional properties in restructured meat loaf by adding fibers and papain designed for elderly. **2023**, 165, 112539	0
151	Hepatic phosphatidylcholine catabolism driven by PNPLA7 and PNPLA8 supplies endogenous choline to replenish the methionine cycle with methyl groups. **2023**, 42, 111940	1

150	Modeling and experimental assessment of Synechococcus nidulans cultivation using simulated Martian medium and astronauts□urine. **2023**, 205, 185-198	0
149	Tracing carbon flow and trophic structure of a coastal Arctic marine food web using highly branched isoprenoids and carbon, nitrogen and sulfur stable isotopes. **2023**, 147, 109938	0
148	Do Rootstocks Influence Global Fruit Quality, Postharvest Performance and Metabolite Profiles of Persea americana cv. Hass?. **2023**, 9, 184	0
147	Ultrastructural study of Manihot esculenta amyloplast: intragranular channels and membrane lipid profiling. **2023**, 46, 139-151	0
146	Exploration of fMRI brain responses to oral sucrose after Roux-en-Y gastric bypass in obese yucatan minipigs in relationship with microbiota and metabolomics profiles. **2023**, 42, 394-410	0
145	Recent Advances in Supercritical CO2 Extraction of Pigments, Lipids and Bioactive Compounds from Microalgae. **2023**, 28, 1410	0
144	Dietary choline increases brown adipose tissue activation markers and improves cholesterol metabolism in female APOE*3-Leiden.CETP mice.	0
143	Integrated approach for enhanced crude bio-oil yield from microalgae cultivated on the aqueous phase of hydrothermal co-liquefaction with agar-free seaweed residues. **2023**, 392, 136286	0
142	Insights into the susceptibility of Pseudomonas putida to industrially relevant aromatic hydrocarbons that it can synthesize from sugars. **2023**, 22,	0
141	The Effect of the Species and Harvesting Location on Dried Salted Cod Fatty Acid Signatures and Nutritional Quality. **2023**, 12, 654	0
140	Cultivation of Chlorella vulgaris in mediums with varying nitrogen sources and concentrations to induce the lipid yield. 1-12	0
139	Expanding the Bacterial Diversity of the Female Urinary Microbiome: Description of Eight New Corynebacterium Species. **2023**, 11, 388	0
138	Heterotrophic and Photoautotrophic Media Optimization Using Response Surface Methodology for the Novel Microalga Chlorococcum amblystomatis. **2023**, 13, 2089	0
137	Plant□soil interactions in the native range of two congeneric species with contrasting invasive success. **2023**, 201, 461-477	0
136	Enhancing Docosahexaenoic Acid Production of Isochrysis galbana from Starch-Rich Food Processing Byproducts. **2023**, 9, 158	0
135	A single point mutation expands the applicability of ostreolysin A6 in biomedicine. **2023**, 13,	0
134	High cell density culture of Neochloris oleoabundans in novel horizontal thin-layer algal reactor: Effects of localized aeration, nitrate concentration and mixing frequency. **2023**, 192, 108839	0
133	Hepatic oleate regulates one-carbon metabolism during high carbohydrate feeding. **2023**, 651, 62-69	0

132	Valorization of Food Waste Slurry as Potential Candidate for Lipid Accumulation: A Concept of Oleaginous Bio-Refinery. **2023**, 9, 163	0
131	Effect of the season on the production and chemical properties of fish protein hydrolysates and high-quality oils obtained from gurnard (Trigla spp.) by-products. **2023**, 177, 114576	0
130	Optimization of a two-phase culture system of Chlamydomonas hedleyi using light-emitting diodes and potential as a biodiesel feedstock. **2023**, 127, 138-144	0
129	Combined Effects of Parsnip Fermented Juice and Hawthorn Extract Regarding Pork Mince Stability: Physico-Chemical and Microbiological Aspects. **2023**, 13, 432	0
128	Effect of Rigor Stage and Pressurisation on Lipid Damage, Total Volatile Amine Formation and Autolysis Development in Palm Ruff Stored on Ice. **2023**, 12, 799	0
127	Evaluation of suitability of P-deficient medium-cultured microalga and copepod as an alternative live feed for Pacific whiteleg shrimp Penaeus vannamei post-larvae.	0
126	Exogenous addition of putrescine enhanced lipid accumulation in Tetradesmus obliquus for increased biodiesel productivity. **2023**, 206, 263-273	0
125	Horse-Derived Ceramide Accentuates Glucosylceramide Synthase and Ceramide Synthase 3 by Activating PPARγ and/or PPARβ to Stimulate Ceramide Synthesis. **2023**, 11, 548	0
124	Expanding the Molecular Disturbances of Lipoproteins in Cardiometabolic Diseases: Lessons from Lipidomics. **2023**, 13, 721	0
123	The Effect of Schizochytrium sp. on Growth, Fatty Acid Profile and Gut Microbiota of Silver Pomfret (Pampus argenteus). **2023**, 11, 414	0
122	Fish Viscera Silage: Production, Characterization, and Digestibility of Nutrients and Energy for Tambaqui Juveniles. **2023**, 8, 111	0
121	Characterization of N-Acetyl Cysteine Adducts with Exogenous and Neutrophil-Derived 2-Chlorofatty Aldehyde. **2023**, 12, 504	0
120	PHGDH-mediated endothelial metabolism drives glioblastoma resistance to chimeric antigen receptor T´cell immunotherapy. **2023**, 35, 517-534.e8	0
119	Quality of Oreochromis niloticus and Cynoscion virescens fillets and their by-products in flours make for inclusion in instant food products. **2023**, 18, e0279351	0
118	Cholesterol esters form supercooled lipid droplets whose nucleation is facilitated by triacylglycerols. **2023**, 14,	0
117	Chia (Salvia hispanica L.) oil supplementation ameliorates liver oxidative stress in high-fat diet-fed mice through PPAR-α and Nrf2 upregulation. **2023**, 102, 105462	0
116	Lipidomic profiling of rat hepatic stellate cells during activation reveals a two-stage process accompanied by increased levels of lysosomal lipids. **2023**, 299, 103042	0
115	Comparison of Fish, Krill and Flaxseed as Omega-3 Sources to Increase the Omega-3 Index in Dogs. **2023**, 10, 162	0

114	Novel spiro[chromanone-2,4?-piperidine]-4-one derivatives as potential inhibitors of fatty acid synthesis in pathogens: Design, synthesis, and biological evaluation. **2023**, 250, 115215	0
113	Solid-state fermentation-based enzyme-assisted extraction of eicosapentaenoic acid-rich oil from Nannochloropsis sp. **2023**, 374, 128763	0
112	The Interplay among Glucocorticoid Therapy, Platelet-Activating Factor and Endocannabinoid Release Influences the Inflammatory Response to COVID-19. **2023**, 15, 573	1
111	Increasing Temperature Results in Higher Allocation of Energy to Protein Synthesis in Sea Urchin Larvae (Lytechinus pictus). 000-000	0
110	Mechanical processing of Phaeodactylum tricornutum and Tetraselmis chui biomass affects phenolic and antioxidant compound availability, nutrient digestibility and deposition of carotenoids in Atlantic salmon. **2023**, 569, 739395	0
109	Genomic insights of an alkaliphilic bacterium Halalkalibacter alkaliphilus sp. nov. isolated from an Indian Soda Lake.	0
108	Antioxidant and Antimicrobial Effect of Biodegradable Films Containing Pitaya (Stenocereus thurberi) Extracts during the Refrigerated Storage of Fish. **2023**, 12, 544	0
107	Variability of biochemical compounds in surface sediments along the eastern margin of the Arabian Sea. **2023**, 195,	0
106	Engineered human hepatocyte organoids enable CRISPR-based target discovery and drug screening for steatosis.	1
105	Expression of the 2Duf protein in wild-typeBacillus subtilisspores stabilizes inner membrane proteins and increases spore resistance to wet heat and hydrogen peroxide. **2023**, 134,	0
104	Regulation of astrocyte lipid metabolism and ApoE´secretionby the microglial oxysterol, 25-hydroxycholesterol. **2023**, 64, 100350	0
103	Adaptations of Pseudoxylaria towards a comb-associated lifestyle in fungus-farming termite colonies. **2023**, 17, 733-747	0
102	Enhanced production of bio-indigo in engineered Escherichia coli, reinforced by cyclopropane-fatty acid-acyl-phospholipid synthase from psychrophilic Pseudomonas sp. B14-6. **2023**, 366, 1-9	0
101	Comparison of Commercial Fish Proteins: Chemical and Sensory Properties for Human Consumption. **2023**, 12, 966	0
100	Assessing the biotechnological potential of cotton type-1 and type-2 diacylglycerol acyltransferases in transgenic systems. **2023**, 196, 940-951	0
99	New K50R mutant mouse models reveal impaired hypusination of eif5a2 with alterations in cell metabolite landscape. **2023**, 12,	0
98	Potential of siRNA-Bearing Subtilosomes in the Treatment of Diethylnitrosamine-Induced Hepatocellular Carcinoma. **2023**, 28, 2191	0
97	One-time freeze-thawing or carbon input events have long-term legacies in soil microbial communities. **2023**, 432, 116399	0

96	Nutritional composition, heavy metal contents and lipid quality of five marine fish species from Cameroon coast. **2023**, 9, e14031	0
95	Effect of replacement of soybean oil by Hermetia illucens fat on performance, digestibility, cecal microbiome, liver transcriptome and liver and plasma lipidomes of broilers. **2023**, 14,	0
94	Fermentation performance of oleaginous yeasts on Eucommia ulmoides Oliver hydrolysate: Impacts of the mixed strains fermentation. **2023**, 366, 10-18	0
93	Long-term tillage and irrigation effects on aggregation and soil organic carbon stabilization mechanisms. **2023**, 432, 116398	0
92	A Brief Review of FT-IR Spectroscopy Studies of Sphingolipids in Human Cells. **2023**, 3, 158-180	0
91	The START domain potentiates HD-ZIPIII transcriptional activity.	0
90	Hyperlipidaemia elicits an atypical, T helper 1 like CD4+ T-cell response: a key role for very low-density lipoprotein. **2023**, 3,	0
89	Lipids Fraction from Caralluma europaea (Guss.): MicroTOF and HPLC Analyses and Exploration of Its Antioxidant, Cytotoxic, Anti-Inflammatory, and Wound Healing Effects. **2023**, 10, 172	0
88	Spatial variations of biochemical content and stable isotope ratios of size-fractionated plankton in the Mediterranean Sea (MERITE-HIPPOCAMPE campaign). **2023**, 189, 114787	0
87	Multi-taxa marine isoscapes provide insight into large-scale trophic dynamics in the North Pacific. **2023**, 213, 103005	0
86	Lipids Productivity of Cyanobacterium Anabaena vaginicola in an Internally Illuminated Photobioreactor Using LED Bar Lights.	0
85	Impact of Longkong Pericarp Extract on the Physicochemical Properties of Alginate-Based Edible Nanoparticle Coatings and Quality Maintenance of Shrimp (Penaeus monodon) during Refrigerated Storage. **2023**, 12, 1103	0
84	Fatty Acid 2-Hydroxylase and 2-Hydroxylated Sphingolipids: Metabolism and Function in Health and Diseases. **2023**, 24, 4908	0
83	Meat Quality of Male Layer-Type Chickens Slaughtered at Different Ages. **2023**, 13, 624	0
82	Critical assessment of the sulfo-phospho-vanillin method to quantify lipids in freeze-dried microalgae.	0
81	Cannabimimetic N-Stearoylethanolamine as Double-Edged Sword In Anticancer Chemotherapy: Proapoptotic Effect on Tumor Cells and Suppression of Tumor Growth versus Its Bio-Protective Actions in Complex with Polymeric Carrier on General Toxicity of Doxorubicin In Vivo. **2023**, 15, 835	0
80	Potential biomarkers and metabolomics of acetaminophen-induced liver injury during alcohol consumption: A preclinical investigation on C57/BL6 mice. **2023**, 465, 116451	0
79	Physicochemical Quality and Fatty Acid Profile in the Meat of Goats Fed Forage Cactus as a Substitute for Tifton 85 Hay. **2023**, 13, 957	0

78	Tisochrysis lutea as a Substrate for Lactic Acid Fermentation: Biochemical Composition, Digestibility, and Functional Properties. **2023**, 12, 1128	0
77	Abiotic and biotic drivers of struvite solubilization in contrasting soils. **2023**,	0
76	Lipolytic and oxidative changes in acoustically assisted frozen fattened duck liver. **2023**, 58, 01010	0
75	Mapping the performance of photobioreactors for microalgae cultivation. Part III : subtropical and mid-latitudes climate zone.	0
74	Stratification of asthma by lipidomic profiling of induced sputum supernatant. **2023**,	0
73	Sulfolipid substitution ratios of Microcystis aeruginosa and planktonic communities as an indicator of phosphorus limitation in Lake Erie.	0
72	The evaluation of the genotype and slaughter weight effect on meat quality and fatty acid profile from two native sheep. **2023**, 55,	0
71	Effects of anthropogenic sounds on the behavior and physiology of the Eastern oyster (Crassostrea virginica). 10,	0
70	Combined Intake of Fish Oil and D-Fagomine Prevents High-Fat High-Sucrose Diet-Induced Prediabetes by Modulating Lipotoxicity and Protein Carbonylation in the Kidney. **2023**, 12, 751	0
69	Fatty Acids in Waste Tissues: The Nutraceutical Value of Gonads and Livers from the Moroccan Hypophthalmichthys molitrix and Cyprinus carpio Fishes. **2023**, 21, 188	0
68	Physicochemical Characteristics of Model Membranes Composed of Legionella gormanii Lipids. **2023**, 13, 356	0
67	Fungal Endophytes Enhance Wheat and Tomato Drought Tolerance in Terms of Plant Growth and Biochemical Parameters. **2023**, 9, 384	0
66	Effect of digestible protein on intermediate metabolism, hepatic enzyme activities, energy reserves and growth performance of pacu (Piaractus mesopotamicus) in the finishing growth phase.	0
65	Site of infusion of a commercially available direct-fed microbial on performance and digestibility in lactating Holstein cows. **2023**, 39, 44-55	0
64	Gram-positive anaerobic cocci guard skin homeostasis by regulating host-defense mechanisms. **2023**, 26, 106483	0
63	Optimisation of hydrolysis conditions for yellowfin tuna (Thunnus albacares) heads using alcalase enzyme. **2023**, 1155, 012019	0
62	Photobiomodulation Reduces the Cytokine Storm Syndrome Associated with COVID-19 in the Zebrafish Model. **2023**, 24, 6104	0
61	Protective Properties of Marine Alkyl Glycerol Ethers in Chronic Stress. **2023**, 21, 202	0

60	The microdomains (rafts) of plasmalemma in the protection of the plant cell under oxidative stress.	0
59	Antimicrobial protein REG3A regulates glucose homeostasis and insulin resistance in obese diabetic mice. **2023**, 6,	0
58	Sewage Water Treatment Using Chlorella Vulgaris Microalgae for Simultaneous Nutrient Separation and Biomass Production. **2023**, 10, 229	0
57	Composition, Organoleptic Characteristics, Fatty Acid Profile and Oxidative Status of Cow Milk and White Cheese after Dietary Partial Replacement of Soybean Meal with Flaxseed and Lupin. **2023**, 13, 1159	0
56	The Activation of PPARby (2Z,4E,6E)-2-methoxyocta-2,4,6-trienoic Acid Counteracts the EpithelialMesenchymal Transition Process in Skin Carcinogenesis. **2023**, 12, 1007	0
55	Bioenergetics of Euphausia superba and Euphausia crystallorophias in the Ross Sea. **2023**, 15, 480	0
54	Extraction of a Docosahexaenoic Acid-Rich Oil from Thraustochytrium sp. Using a Hydrophobic Ionic Liquid. **2023**, 11, 5726-5736	0
53	Impact of Regular Intake of Microalgae on Nutrient Supply and Cardiovascular Risk Factors: Results from the NovAL Intervention Study. **2023**, 15, 1645	0
52	Increased Biomass and Polyhydroxybutyrate Production by Synechocystis sp. PCC 6803 Overexpressing RuBisCO Genes. **2023**, 24, 6415	0
51	Profiles of lipid, protein and microRNA expression in exosomes derived from intestinal epithelial cells after ischemia-reperfusion injury in a cellular hypoxia model. **2023**, 18, e0283702	0
50	Gastrointestinal permeability and inflammatory status of preweaning dairy calves in response to decreasing the ratio of n-6 to n-3 fatty acid in milk replacer. **2023**,	0
49	Distinctive serum lipidomic profile of IVIG-resistant Kawasaki disease children before and after treatment. **2023**, 18, e0283710	0
48	Optimization of Artemia Feed Regimes for Larval Giant Kopu (Galaxias argenteus). **2023**, 8, 183	0
47	Marine Fish-Derived Lysophosphatidylcholine: Properties, Extraction, Quantification, and Brain Health Application. **2023**, 28, 3088	0
46	Climate and forest properties explain wildfire impact on microbial community and nutrient mobilization in boreal soil. 6,	0
45	Can banana peel and sweet potato vines have efficient in diets for growing rabbits?.	0
44	Impact of dietary supplementation with Cinnamomum cassia essential oil on silver catfish (Rhamdia quelen): Toxicological effects and muscle antioxidant and fatty acid profiles. **2023**, 86, 313-325	0
43	An Alternative Exploitation of Synechocystis sp. PCC6803: A Cascade Approach for the Recovery of High Added-Value Products. **2023**, 28, 3144	0

42	Unravelling the Lipids Content and the Fatty Acid Profiles of Eight Recently Described Halophytophthora Species and H. avicennae from the South Coast of Portugal. **2023**, 21, 227	0
41	Sterol methyltransferases in uncultured bacteria complicate eukaryotic biomarker interpretations. **2023**, 14,	0
40	The Impact of MOSE (Experimental Electromechanical Module) Flood Barriers on Microphytobenthic Community of the Venice Lagoon. **2023**, 11, 936	0
39	Extraction of fatty acids and cellulose from the biomass of algae Durvillaea antarctica and Ulva lactuca: An alternative for biorefineries. **2023**, 71, 103084	0
38	Sphingomyelin 16:0 is a therapeutic target for neuronal death in acid sphingomyelinase deficiency. **2023**, 14,	0
37	Enhancement of Biomass and Protein Production of Chlorella protothecoides in Heterotrophic Cultivation Using Expired Juices as Alternative Source of Nutrients for an Added-Value Biorefinery Scheme. **2023**, 9, 360	0
36	Adsorption of Fatty Acid Methyl Ester Derived from Squid Liver Lipid onto Silica Gel Adsorbent. **2023**, 10, 244	0
35	Anaerobic Digestion of Agricultural Waste Using Microbial Inocula: Performance and Characterization of Bacterial Communities Using 16S rRNA Sequencing Approach. **2023**, 16, 3300	0
34	Production and marketing of Tuber floridanum Ecology and gastronomic value of a recently described truffle species. 80,	0
33	Whey permeate as a phosphorus source for algal cultivation. **2023**, 95,	0
32	Towards a free wild-caught fishmeal, fish oil and soy protein in European sea bass diet using by-products from fishery and aquaculture. **2023**, 573, 739571	0
31	Reverse Salt Flux Effect on Dewatering Chlorella vulgaris in a Forward Osmosis System. **2023**, 15, 1462	0
30	Untargeted Lipidomic Profiling Reveals Lysophosphatidylcholine and Ceramide as Atherosclerotic Risk Factors in apolipoprotein E Knockout Mice. **2023**, 24, 6956	0
29	Trophic structure and a temporal shift in trophic diversity of mobile consumers in a subarctic estuary.	0
28	Raspberry Extract as a Strategy to Improve the Oxidative Stability of Pork Burgers Enriched with Omega-3 Fatty Acids. **2023**, 12, 1631	0
27	Influence of the Antimicrobial LL-37 Peptide on Legionella dumoffii Phospholipids Adsorbed at the Air liquid Interface. **2023**, 15, 6670	0
26	Elite screening and nutritional profiling of Syzygium caryophyllatum (L.) Alston -an underutilized fruit tree. 1-17	0
25	Vegetable Oil-Peroxidation Product Hydroxynonenal Causes Hepatocyte Injury and Steatosis via Hsp70.1 and BHMT Disorders in the Monkey Liver. **2023**, 15, 1904	0

24	Membrane Adaptations and Cellular Responses of Sulfolobus acidocaldarius to the Allylamine Terbinafine. **2023**, 24, 7328	0
23	Upgrading Marine Oils from Cod (Gadus morhua) On-Board the Deep-Sea Vessels: From Waste to Value. **2023**, 12, 1659	0
22	Turnover of non-polymeric leaf lipids in a loamy grassland soil.	0
21	Surfactant-Free Decellularization of Porcine Auricular Cartilage Using Liquefied Dimethyl Ether and DNase. **2023**, 16, 3172	0
20	Lipid extraction from fresh Nannochloropsis oceanica using semi-hydrophobic eutectic solvents. **2023**, 103117	0
19	Delta-6 desaturase (Fads2) deficiency alters triacylglycerol / fatty acid cycling in murine white adipose tissue. **2023**, 100376	0
18	Effects of Yellow Mealworm (Tenebrio molitor) on Growth Performance, Hepatic Health and Digestibility in Juvenile Largemouth Bass (Micropterus salmoides). **2023**, 13, 1389	0
17	Colloidal stability of Camembert and Cheddar cheese feeds in the absence of emulsifying salts. **2023**, 105678	0
16	Polymer Lung Surfactants Attenuate Direct Lung Injury in Mice.	0
15	NAD depletion mediates cytotoxicity in human neurons with autophagy deficiency. **2023**, 42, 112372	0
14	Optimizing extraction of antioxidative biostimulant from waste onion peels for microalgae cultivation via response surface model. **2023**, 286, 117023	0
13	Recombinant PNPLA1 catalyzes the synthesis of acylceramides and acyl acids with selective incorporation of linoleic acid. **2023**, 100379	0
12	The Ebola virus VP40 matrix layer undergoes endosomal disassembly essential for membrane fusion.	0
11	Two C18 hydroxy-cyclohexenone fatty acids from mammalian epidermis: Potential relation to 12R-lipoxygenase and covalent binding of ceramides. **2023**, 104739	0
10	Computational design and molecular dynamics simulations suggest the mode of substrate binding in ceramide synthases. **2023**, 14,	0
9	The sphingolipids ceramide and inositol phosphorylceramide protect the Leishmania major membrane from sterol-specific toxins. **2023**, 104745	0
8	Component and Content of Lipid Classes and Phospholipid Molecular Species of Eggs and Body of the Vietnamese Sea Urchin Tripneustes gratilla. **2023**, 28, 3721	0
7	Hexanoic acid improves the production of lipid and oleic acid in Yarrowia lipolytica: The benefit of integrating biorefinery with organic waste management. **2023**, 31, 103168	0

6	slr2103, a homolog of type-2 diacylglycerol acyltransferase genes, for plastoquinone-related neutral lipid synthesis and NaCl-stress acclimatization in a cyanobacterium, Synechocystis sp. PCC 6803. 14,	0
5	Atorvastatin Attenuates Diet-Induced Non-Alcoholic Steatohepatitis in APOE*3-Leiden Mice by Reducing Hepatic Inflammation. **2023**, 24, 7818	0
4	Pseudomonas petrae sp. nov. isolated from regolith samples in Antarctica. **2023**, 46, 126424	0
3	Contrasting radiocesium transfer in the river and lake food webs: Importance of trophic level and food source. **2023**, 263, 107184	0
2	Metabolic performance of black soldier fly larvae during entomoremediation of brewery waste.	0
1	Doxorubicin inhibits phosphatidylserine decarboxylase and confers broad-spectrum antifungal activity.	0