

AUTHOR INDEX

INDUSTRIAL AND ENGINEERING CHEMISTRY

VOLUME 18—1926

ADAMS, F. W., AND KEAN, R. H. Measurement of Surface Temperatures. II—Comparison of Various Methods.....	143
KEAN, R. H., AND HASLAM, R. T. Rate of Solution and Availability of Commercial Limes.....	417
ADAMS, ROGER. Synthetic Versus Natural Products.....	1109
ADKINS, L. R. Fire-Point Carbon Test. (<i>See</i> Byrd and Vilbrandt, 699).....	348
AHMANN, C. F., AND HOOKER, H. D. Determination of Pectin.....	340
ALDRICH, A. R. Knock Suppression with Colloidal Metal Solutions. (<i>See</i> Clark and Thee, 528).....	785
ALEXANDER, JEROME, Editor. Colloid Chemistry, Theoretical and Applied. Vol. I—Theory and Methods. (Book Review).....	1357
CHARLES Avery Doremus. (Obituary).....	1331
ALLEN, P. W. Industrial Fermentations. (Book Review).....	224
ALLEN, R. W., AND BOGERT, M. T. Researches on Thiazoles. XI—Synthesis of 2-(<i>p</i> -Aminophenyl)-5-Methylbenzothiazole and Incidental Compounds: Isomers of Dehydrothio- <i>p</i> -Toluidine and Chloramine Yellow.....	1257
ALLIOTT, E. A. Centrifugal Dryers and Separators. (Book Review).....	650
ALMQVIST, J. A., AND CRITTENDEN, E. D. Catalytic Removal of Oxygen from Gas Mixtures Containing Hydrogen. Study of Pure-Iron and Promoted-Iron Catalysts for Ammonia Synthesis.....	1028
ALSBERG, C. L. Frederick Belding Power. (American Contemporaries).....	532
Studies upon Starch.....	499
AMERICAN INSTITUTE OF MINING AND METALLURGICAL ENGINEERS. Petroleum Development and Technology in 1925. (Book Review).....	224
AMERICAN SOCIETY FOR TESTING MATERIALS. A. S. T. M. Tentative Standards, 1925. (Book Review).....	532
ANALYTICAL CHEMIST. Recipes for Colour, Paint, Varnish, Oil, Soap, and Drysalteries Trades. (Book Review).....	866
ANDREWS, L. T., AND NELSON, V. E. Milk Powders as Food. II—Observations on Existence of Vitamin E.....	1307
ANDERSON, EVALD. Relation between Water Permeability and Water Absorption of Concrete.....	299
APPEL, W. D. Work of Bureau of Standards on Dyes. Dye Symposium.....	224
BRODE, W. R., AND WELCH, I. M. Standardization of Agalma Black 10B.....	739
APPLEBY, R. B., AND DOVER, M. V. Effect of Ozone upon Oils.....	1290
ARNER, W. J., AND LONG, J. S. Rate of Molecular Weight Increase in Boiling of Linseed Oil.....	103
ARNY, H. V. Evolution of Synthetic Medicinal Chemicals.....	190
ARSEM, W. C. Settling and Packing of Mixed Paints.....	987
AULD, S. J. M., AND DUNSTAN, A. E. Development of a Liquid-Phase Cracking Process.....	324
AUSTIN, W. E. Fur-Dyeing and Fur Dyes in America. Dye Symposium.....	654
AYLESWORTH, M. B., AND EVANS, W. V. Some Critical Constants of Furfural.....	620
BABASINIAN, V. S., AND BILLINGER, R. D. Modified Fusion Pot.....	17
BACHLER, F. R. Subjection of Molasses Treated with Zeolites to Steffens Process.....	1341
BACOT, A. M., HENDRICKS, S. B., AND YOUNG, H. C. Relative Toxicity of the Arsenates of Calcium.....	627
BADGER, W. L. Heat Transfer and Evaporation. (Book Review).....	63
BAILAR, J. C. Analysis of Lime.....	1252
BAINBRIDGE, W. C. Development of Food Color Industry in U. S. Dye Symposium.....	949
BAKER, G. L. Jelly Strength of Pectin Jells.....	157
BAKER, THODORE, AND PETERS, W. A., JR. High-Precision Fractional Distillation in the Laboratory.....	803
BANCROFT, W. D. Applied Colloid Chemistry. (Book Review).....	1342
BARDWELL, D. C., LIND, S. C., AND PORTER, FRANK. All-Glass Circulating Pump for Gases.....	24
BARNARD, D. P., 4TH. Oil Flow in Plain Bearings. Lubrication Symposium.....	340
BARTOW, EDWARD. Disposal of Some Organic Trade Wastes.....	180
BATE, S. C. Synthesis of Benzene Derivatives. (Book Review).....	389
BATES, P. H. High-Alumina Hydraulic Cements. Use of Sulfur in Rendering Cement Drain Tile Resistant to Attack of Alkali.....	1329
BAUER, W. W. Some Developments in Controlling China Wood Oil Varnishes.....	89
BAYLIS, J. R. Factors Other than Dissolved Oxygen Influencing Corrosion of Iron Pipes. Turbidimeter for Accurate Measurement of Low Turbidity.....	1361
BEAR, A. W., AND WILSON, J. A. Effect of Vegetable Tanning upon Combination of Collagen with Acid.....	1085
BECKER, A. E. Surface Action and Fluid Film Lubrication. Lubrication Symposium.....	765
BENSON, H. K., BORG, J. N., AND ROURKE, R. K. Effect of Sulfur in Briquetting of Sub-Bituminous Coal.....	554
BERKELEY, C. Natural Indigo Industry Still Exists. (<i>See</i> Weber, 404).....	554
BERRY, W. M., AND BROWN, C. C. Fuel Oil Situation as It Affects Gas Company Operations in California.....	309
BESTETHORN, R., AND HÄUSSER, F. Kohle, Koks, Teer: Abhandlungen zur Praxis der Gewinnung, Veredelung und Verwertung der Brennstoffe. Edited by Gwosdz. Band 6—Gesammelte Untersuchungen über die Verbrennlichkeit von Hütten Koks in Technischen Körnungen. (Book Review).....	1249
BEYERSDORFER, PAUL. Staub Explosionen. (Book Review).....	370
BIBLE, C. M. Pipets for Potash Work.....	988
BICKNELL, J. W. Botanical and Chemical Developments in Plantation Industry. Raw Rubber Symposium.....	656
BIERER, J. M., AND DAVIS, C. C. Economical Use of Reclaimed Rubber as Substitute for New Rubber.....	19
BILLINGER, R. D., AND BABASINIAN, V. S. Modified Fusion Pot.....	1182
AND STOUGHTON, BRADLEY. Spheroiodizing of Cementite.....	1094
BILLINGHAM, A. Winslow Bros. & Smith Company. (American Chemical Industries).....	412
BISHOP, O. M., AND SACHS, J. H. Progress in Development and Manufacture of Vat Colors in America. Dye Symposium.....	985
BLAKE, J. T., AND BOOGES, C. R. Absorption of Water by Rubber.....	214
BLANCO, G. W. Cellulose Xanthate.....	326
BLOWSKI, A. A., AND BON, J. H. Decolorizing Carbons. (<i>See</i> Wickenden, 649).....	143
BLUM, WILLIAM. Future Trends in Electrochemistry. Symposium, Future Trends in Industrial and Engineering Chemistry. Researches on Thiazoles. XI—Synthesis of 2-(<i>p</i> -Aminophenyl)-5-Methylbenzothiazole and Incidental Compounds: Isomers of Dehydrothio- <i>p</i> -Toluidine and Chloramine Yellow.....	1109
AND EVANS, R. L. New Dye Intermediates. 2,4-Diaminophenyl Oxide, 2-Nitro-4-Aminophenyl Oxide, and 2,4-Diaminophenyl Sulfide.....	1331
BOGGES, C. R., AND BLAKE, J. T. Absorption of Water by Rubber. BOGUE, R. H., AND LERCH, WM. Determination of Uncombined Lime in Portland Cement.....	299
BOLENN, W. B. Improved Wash Bottle.....	190
BON, J. H., AND BLOWSKI, A. A. Decolorizing Carbons. (<i>See</i> Wickenden, 649).....	224
BONNER, W. D., AND YOST, D. M. Examination of Some Methods for Determination of Sulfites and of Ferrous Iron.....	532
BOONE, C. E., AND NEWMAN, J. R. Effect of Heat Generated during Stressing upon Tensile Properties of Rubber.....	55
BOARD, C. E., MACK, EDWARD, JR., AND CHARCH, W. H. Anti-knock Materials. Experimental and Theoretical Study.....	539
BORG, J. N., BENSON, H. K., AND ROURKE, R. K. Effect of Sulfur in Briquetting of Sub-Bituminous Coal.....	334
BOSART, L. W., ROBBINS, H. B., AND MACMILLAN, H. J. Amounts of Soap and Builders Necessary to Soften Water of Different Degrees of Hardness.....	116
BOUSQUET, C. F. A. C. S. Acrostic.....	27
BOYER, M. W., AND BUSS, J. Measurement of Surface Temperatures. I—Portable Thermocouple Device Compensated for Heat Losses.....	986
BRADLEY, M. J., CORBIN, R. M., AND FLOYD, T. W. Oxygen Bomb Method for Sulfur Determinations.....	583
ROSECRANS, C. Z., AND CORBIN, R. M. Theoretical and Recorded Pressures in Oxygen Bomb Determinations. (Correction, 388)	1279
AND WILSON, H. E. Lubricants for Ground-Glass Joints.....	307
BRADSHAW, H., AND HAHN, F. C. Viscosity of Cuprammonium Solutions of Cotton Cellulose.....	1259
BRAHAM, J. M., SHERMAN, M. S., GUERNSEY, E. W., AND YEE, J. V. Some Factors Affecting Fixation of Nitrogen as Sodium Cyanide. BRAUDY, HENRI. La Fabrication de l'Acide Sulfurique par le Procédé de Contact. (Book Review).....	243
BRECKENRIDGE, J. E. Chemistry's Contributions to Fertilizer Industry.....	657
BRODE, W. R. Subsidary Dyes in Commercial Agalma Black 10B. Spectrophotometric Method for Their Identification and Quantitative Estimation.....	941
APPEL, W. D., AND WELCH, I. M. Standardization of Agalma Black 10B.....	708
BROOKS, A. P., AND LARSON, A. T. Ammonia Catalysts.....	627
BROOKS, B. T. Chemistry of Gasolines, Particularly with Respect to Gum Formation and Discoloration. Distillation of Lubricating Oils under High Vacuum.....	1305
RESEARCH IN PETROLEUM INDUSTRY.....	1198
BROSCHAT, ERNST. Der Behälterbau. Ein Handbuch für die Berechnung und Ausführungsreiseiner Flüssigkeits- und Gasbehälter. Part I—Konstruktionselemente. (Book Review).....	518
BROWN, B. K. "Experts." (<i>See</i> editorial, 442; Harris, 764, 1356; Grosvenor, 873; Glaze, 874; Brown, C. O., 1095).....	1097
BROWN, C. C., AND BERRY, W. M. Fuel Oil Situation as It Affects Gas Company Operations in California.....	1096
BROWN, C. O. "Experts." (<i>See</i> editorial, 442; Harris, 764, 1356; Grosvenor, 873; Glaze, 874; Brown, B. K., 1096).....	83
BROWN, G. G. Present Status of Facts and Theories of Detonation. [<i>See</i> THIS JOURNAL, 17, 1219 (1925)].....	1095
AND CARR, A. R. Pure Hydrocarbons from Petroleum.....	213
BROWN, R. L., AND FIELDNER, A. C. Future Trends in Automotive Fuels. Symposium, Future Trends in Industrial and Engineering Chemistry.....	718
BROWNE, C. A. Chronological Table.....	1009
AND CHAMBERLAIN, J. S., Editors. Chemistry in Agriculture. (Book Review).....	884
BRUN, P. Industrie des Cyanures. (Book Review).....	655
BRUN, H. A., WITH STAUDINGER, HERMAN. "Cyclopentadiene Rubber," A New Cyclic Synthetic Polymerization Product.....	107
BUCK, J. S. Ascarite as CO ₂ Absorbent.....	381
BUERHRER, T. F., AND SCHUPP, O. E., JR. Successive Potentiometric Titration of Copper and Iron in Metallurgical Products.....	1321
BUGGE, GÜNTHER. Die Holzverkohlung und Ihre Erzeugnisse. (Book Review).....	121
BUNBURY, H. M., AND DAVIDSON, A. Industrial Applications of Coal Tar Products. (Book Review).....	657
BEYERSDORFER, PAUL. Staub Explosionen. (Book Review).....	435

BURGDORF, C. C.	Artificial Rubber during the War in Germany	1172	DAVIDSON, A.	Intermediates for Dyestuffs. (Book Review)	766
BUSH, A. D.	Potter's Compend of <i>Materia Medica</i> , Therapeutics, and Prescription Writing, with Special Reference to Physiological Action of Drugs. (Book Review)		AND BUNBURY, H. M.	Industrial Applications of Coal Tar Products. (Book Review)	435
BUSS, J., AND BOYER, M. W.	Measurement of Surface Temperatures. I—Portable Thermocouple Device Compensated for Heat Losses	656	DAVIDSON, J. G.	Glycol Ethers and Their Use in Lacquer Industry. (Correction, 874)	669
BUSWELL, A. M., GREENFIELD, R. E., AND SHIVE, R. A.	Chemical Characteristics of Some Trade Wastes	728	DAVIS, C. C., AND BIERER, J. M.	Economical Use of Reclaimed Rubber as Substitute for New Rubber	348
AND STRICKHouser, S. I.	Some Observations on Sewage Tank Gases	1082	DAVIS, D. S.	Freeness of Sulfito Pulp	631
BYRD, R. M., AND VILBRANDT, F. C.	Fire-Point Carbon Test. (See Marley, <i>et al.</i> , and Adkins, 1094)	407	DAVIS, G. H. B., AND WHITMAN, W. G.	Comparison of Gas Absorption and Rectification	264
BYRNE, J. F., AND DAVIS, J. D.	Influence of Moisture on Spontaneous Heating of Coal	233	DAVIS, H. S., AND MURRAY, W. J.	Aliphatic Tertiary Alcohols and Their Industrial Possibilities	118
CALBECK, J. H.	Application of Statistical Method in Testing Paints for Durability	1220	DAVIS, J. D., AND BYRNE, J. F.	Influence of Moisture on Spontaneous Heating of Coal	844
AND MORGAN, H. T.	Cause and Prevention of Staining on White Paints	1227	AND REYNOLDS, D. A.	Coking Constituents of Mesa Verda and Pittsburgh Coals	233
CAMP, J. M., Editor.	Methods of Chemists of U. S. Steel Corporation for Sampling and Analysis of Iron and Manganese Ores. (Book Review)	1227	DAVIS, L. H.	Hydroelectric Power in Industry and The Role of Industry in the Distribution of Power	838
CARLSSON, VICTORIA, EDDY, W. H., AND KOHMAN, E. F.	Vitamins in Canned Foods. IV—Green Peas	875	DAVISON, W. C., AND WAKSMAN, S. A.	Enzymes: Properties, Distribution, Methods and Applications. (Book Review)	1058
HALLIDAY, NELLIE, KOHMAN, E. F., AND EDDY, W. H.	Vitamins in Canned Foods. V—Peaches	85	DEAN, E. W., NEUSBAUM, C. A., AND DEVERTER, P. L.	Portable Combustion Apparatus for Detection and Measurement of Small Quantities of Petroleum Vapor	1360
CARNAHAN, G. H.	Production of Guayule Rubber. Raw Rubber Symposium	302	DEDLOW, C., AND SMITH, D. T.	Determination of Moisture in Meat Extract	183
CARR, A. R., AND BROWN, G. G.	Pure Hydrocarbons from Petroleum	1124	DEKKER, P., AND VAN ROSSEM, A.	Chemical Research on Raw Rubber at Netherland Government Rubber Institute. Raw Rubber Symposium	858
CARSON, C. M.	Determination of Aniline. (See Pamfilov, 763)	718	DELONG, C. R.	Future Demand for Bromine	1152
CARSWELL, T. S.	Fractionating Column Calculations. Relations between Height of Theoretical Plate, Radius of Packing Rings, and Nature of Liquids under Distillation in Packed Fractionating Columns	764	DEONG, E. R.	Potassium Xanthate as a Soil Fumigant	425
CARTER, G. O.	Fifty Years of Developments of Compressed Gases	294	AND GRAY, G. P.	California Petroleum Insecticides. Laboratory and Field Tests	52
CARTER, J. D.	Soluble Silicates. Their Influence on Hypochlorite Bleach. (Correction, 356)	954	DENNIS, L. M.	Poisoning by Mercury Vapor	1205
CARTER, R. M.	Loss of Free Iodine from Alcoholic Solutions of Varying Purity and Effect Thereon of Potassium Iodide. Separation and Analysis of Volatile Solvents and Thinners of Lacquers	248	DERICK, C. G.	Importance of Research in Dye Industry. Dye Symposium	1324
CARVER, E. K., SHEPPARD, S. E., AND SWEET, S. S.	Time Factor and Yield Value of Cellulose Esters	827	DEVERTER, P. L., NEUSBAUM, C. A., AND DEAN, E. W.	Portable Combustion Apparatus for Detection and Measurement of Small Quantities of Petroleum Vapor	183
CASTAN, P.	La Chimie des Matières Colorantes Organiques. (Book Review)	1234	DE VRIES, O.	Developments in Netherlands Indies Rubber-Planting Industry. Raw Rubber Symposium	1129
CATLIN, L. J.	Cresylic Acid from Petroleum Distillates	76	DIETERICH, E. O., AND GRAY, HAROLD.	Effects of Accelerated Aging upon Some Physical Properties of Hard Rubber Compounds	1190
Protecting "Doctor" from CO ₂ Pollution		877	DIETRICH, H. E., AND HENDERSON, W. F.	Cellulose Sausage Casings	428
CHAMBERLAIN, J. S., AND BROWNE, C. A., Editors.	Chemistry in Agriculture. (Book Review)	743	DILL, D. B., AND CLARK, P. B.	Can Corrosion and Blackening in Certain Marine Products	560
CHAPIN, R. M.	Comparison of Deflocculating Powers of Soaps by Carbon Black Test	319	DINSMORE, R. P.	Composition and Structure of Hevea Rubber. Raw Rubber Symposium	1140
CHAPPLET, A.	Les Soies Artificielles. (Book Review)	655	AND ZIMMERMAN, A. O.	Effect of Accelerators on Cure and Quality of Various Rubbers	144
CHAPPELL, E. L., AND WHITMAN, W. G.	Corrosion of Steels in Atmosphere	1313	DOHERTY, H. L.	Our Future Sources of Energy	1062
CHARCH, W. H., MACK, EDWARD, JR., AND BOORD, C. E.	Antiknock Materials. An Experimental and Theoretical Study	767	DOMOGALLA, B. P., AND SCHUETTE, H. A.	Fatty Oils as Substitutes for Ethyl Alcohol in Citrus Flavors	1254
CHEMICAL CATALOG CO., INC.	Chemical Engineering Catalog (Book Review)	533	DOVER, M. V.	Comparison of Lubricating Efficiencies of Oils and Some of Their Physical and Chemical Properties. Lubrication Symposium	499
CHEMICAL INDUSTRY, SOCIETY OF.	Reports of the Progress of Applied Chemistry. Vol. X—1926. (Book Review)	334	AND APPLEYBEE, R. B.	Effect of Ozone upon Oils	63
CHESNY, H. H., AND WEATHERBY, L. S.	New Reagent and Standard for Botax	1206	DOYLE, A. M.	Digest of Patents. Coal Tar Dyes and Allied Compounds. (Book Review)	1359
CHURCH, M. B., AND THOM, CHARLES.	The Aspergilli. (Book Review)	1206	DRALLE, ROBERT.	Die Glasfabrikation. Band I. (Book Review)	656
CHURCHMAN, J. W.	Aniline Dyes in Treatment of Infection. Dye Symposium	820	DUDLEY, F. M.	"Daylight" [See This JOURNAL, 17, 1214 (1925)] Protecting Wood from Moisture	323
CLAPPERTON, GEORGE.	Practical Paper-Making. Manual for Paper-Makers and Owners and Managers of Paper Mills. (Book Review)	1337	DUNLAP, M. E.	Painting of Treated Wood	1091
CLARK, G. L.	Present Status of Facts and Theories of Detonation [See This JOURNAL, 17, 1219 (1925)] X-Ray Contributions to Analysis of Structure of Rubber and Allied Materials. Raw Rubber Symposium	766	DU NOTY, P. L.	Surface Equilibria of Biological and Organic Colloids. (Book Review)	1230
CLARK, L. E., AND RIES, E. D.	Analysis of Sulfur Dioxide in Presence of Excess Air	528	DUNSTAN, A. E., AND AULD, S. J. M.	Development of Liquid-Phase Cracking Process	1206
CLARK, P. B., AND DILL, D. B.	Can Corrosion and Blackening in Certain Marine Products	747	DU PONT, IRÉNE.	Dyestuffs Industry, Forerunner of What?	803
CLARKE, H. T., AND RAHRS, E. J.	A "Bubbler" Laboratory Fractionating Column	560	ECKMAN, J. R., AND JORDAN, LOUIS.	Determination of Oxygen and Hydrogen in Metals by Fusion in Vacuum	1002
COLBJÖRNSEN, BÅJRNE.	Geometrical Calculation of Ternary Fertilized Mixtures Using Triangular Coordinates	1092	EDDY, W. H., CARLSSON, VICTORIA, HALLIDAY, NELLIE, AND KOHMAN, E. F., AND CARLSSON, VICTORIA.	Vitamins in Canned Foods. IV—Green Peas	279
COLLINS, W. D.	Recommended Specifications for Analytical Reagent Chemicals. Part I, 636; Part II, Report of Committee on Guaranteed Reagents	724	EDWARDS, J. D.	Fifty Years' Progress in Aluminum	302
CONTI, P. G.	Development of Chemical Industry in Italy	759	EGGLOFF, GUSTAV, AND MORRELL, J. C.	Antiknock Motor Fuels by Cracking Shale Oils	85
CORBIN, R. M., BRADLEY, M. J., AND FLOYD, T. W.	Oxygen Bomb Method for Sulfur Determinations	639	1092	Determination of Unsaturated, Aromatic, Naphthene, and Paraffin Hydrocarbons in Motor Fuels and Their Automotive Equivalents	922
BRADLEY, M. J., AND ROSECRANS, C. Z.	Theoretical and Recorded Pressures in Oxygen Bomb Determinations. (Correction, 388)	999	724	Sulfuric Acid Absorption and Iodine Values of Various Petroleum Products and Cracked Distillates Obtained Therefrom. Correction. [See This JOURNAL, 17, 1259 (1925)]	354
CORSE, W. M.	Metallurgy Fifty Years Ago and Now	583	ELDER, A. L., AND GREENFIELD, R. E.	Rate of Deoxygenation of Diluted Sewage	67
COWARD, H. F., AND JONES, G. W.	Extinction of Methane-Air Flames by Some Chlorinated Hydrocarbons	307	McMURRAY, R. E., AND GREENFIELD, R. E.	Further Studies on Biochemical Oxygen Demand Test	482
CRAWFORD, R. M.	Elimination and Recovery of Phenols from Crude Ammonia Liquors	892	ELLIS, CARLETON, AND WELLS, A. A.	Chemical Action of Ultra-Violet Rays. (Book Review)	291
CRITTENDEN, E. D., AND ALMOUSTI, J. A.	Catalytic Removal of Oxygen from Gas Mixtures Containing Hydrogen. Study of Pure-Iron and Promoted-Iron Catalysts for Ammonia Synthesis	970	ENGINEERING FOUNDATION.	Popular Research Narratives. Vol. II. (Book Review)	1276
CRONIN, J. J., COGGIN, J. F., FOOG, H. C., AND JAMES, C.	Metallic Uranium	313	ERNST, F. A.	Equipment for High-Pressure Reactions	104
CRONSHAW, H. B.	Modern Drying Machinery. (Book Review)	866	ERSKINE, A. M.	Aromatic Hydrocarbon Content of Natural Gas Gasoline	326
CROSSLEY, M. L.	Ten Years of Progress in Dye and Intermediate Industry. Dye Symposium	1307	Precise Determination of Aromatic Hydrocarbons in Gasoline	664	
CUNO, C. W.	Mass Law in Manufacture of Nitric Acid	114	ESSELEN, G. J., JR.	Future Trend of Cellulose Chemistry. Symposium	722
CUSHMAN, A. S.	Chemistry and Civilization. (Book Review)	766	ETTELE, CLAUDE.	Lubricating Oil Salesman's Primer. (Book Review)	694
DANIELS, SAMUEL.	Properties of Some Sand-Cast Alloys of Aluminum Containing Silicon and Magnesium. Properties of Some Sand-Cast Aluminum-Magnesium Silicide Alloys	1322	EVANS, R. L., AND BOGERT, M. T.	New Dye Intermediates. 2,4-Diaminophenyl Oxide, 2-Nitro-4-Aminophenyl Oxide, and 2,4-Diaminophenyl Sulfide	1031
Sand-Cast Aluminum-Manganese Alloys		1298	EVANS, R. M., AND NEWTON, W. L.	Hydrogen from Water Gas. Catalysts for Its Production	1096
Some Sand-Cast Alloys of Aluminum Containing Cobalt		216	EVANS, W. L., MARLING, P. W., AND LOWER, S. E.	Relationship during Drying between Acid Value of Linseed Oil and Concentration of Cobalt Acetate	299
		393	EVANS, W. V., AND AYLESWORTH, M. B.	Some Critical Constants of Furfural	513
		1280	EVERS, NORMAN.	Chemistry of Drugs. (Book Review)	1229
		125			24
		686			436

FABRICS COORDINATING RESEARCH COMMITTEE. First Report (Book Review).....	106	GREENEWALT, C. H. Absorption of Water Vapor by Sulfuric Acid Solutions.....	1291	
FALOON, D. B. Zinc Oxide: History, Manufacture, and Properties as a Pigment. (Book Review).....	326	GREENFIELD, R. E., BUSWELL, A. M., AND SHIVE, R. A. Chemical Characteristics of Some Trade Wastes.....	1082	
FARRELL, HUGH. What Price Progress? (Book Review).....	1359	AND ELDER, A. L. Effect of Temperature on Rate of Deoxygenation of Diluted Sewage.....	291	
FAUST, J. B. Production of Iodine in Chile.....	808	ELDER, A. L., AND McMURRAY, R. E. Further Studies on Biochemical Oxygen Demand Test.....	1276	
FIELDNER, A. C. Trends in Power Development with Special Reference to Mineral Fuels.....	1054	GREENSFELDER, E. L. Victor G. Bloede. (American Contemporaries).....	755	
AND BROWN, R. L. Future Trends in Automotive Fuels. Symposium, Future Trends in Industrial and Engineering Chemistry		GRIGGS, M. A., AND JOHNSTIN, RUTH. Preparation and Colloidal Properties of Pectin. Preliminary Report.....	623	
FUNK, G. J. Practical Aspects of Research.....		GRIMM, F. V., ROGERS, T. H., AND LEMMON, N. E. Adsorption Studies on Decolorization of Mineral Oils.....	164	
FIREMAN, PETER. Oxidation of Metallic Iron by Current of Air in Presence of Iron Salts.....		GROSVENOR, W. M. "Experts." (See editorial, 442; Harris, 764, 1356; Glaze, 874; Brown, C. O., 1095; Brown, B. K., 1096).....	873	
FISCHER, FRANZ. Conversion of Coal into Oils. (Book Review).....		GRUBB, A. C. Dewar Flasks in Physical Chemistry Laboratory Exercises.....	163	
FISHER, H. L., AND GRAY, A. E. Chemical Unsaturation of Rubber under Action of Heat, Trichloroacetic Acid, Ultra-Violet Light, and Mastication.....		GRUSE, W. A., MARLEY, S. P., AND LIVINGSTONE, C. J. Fire-Point Carbon Test. (See Byrd and Vilbrandt, 699).....	1094	
FITCH, J. B., TITUS, R. W., HUGHES, J. S., AND HINSHAW, W. R. Destruction of Vitamin A in Milk by Ultra-Violet Light.....		Motor Carbon Deposits Formed under Controlled Conditions from Typical Automobile Oils. Lubrication Symposium.....	502	
FLECK, L. C., AND RITTER, G. J. Chemistry of Wood. VIII—Further Studies of Sapwood and Heartwood, 576; IX—Springwood and Summerwood.....		GUERNSEY, E. W., YEE, J. Y., BRAHAM, J. M., AND SHERMAN, M. S. Some Factors Affecting Fixation of Nitrogen as Sodium Cyanide	243	
FLOYD, T. W., BRADLEY, M. J., AND CORBIN, R. M. Oxygen Bomb Method for Sulfur Determinations.....		GUERRANT, N. B. Vacuum Extractor for Biochemical Use.....	1090	
FOGG, H. C., GOOGIN, J. F., CRONIN, J. J., AND JAMES, C. Metallic Uranium.....		GUERTLER, W. Metallographie. (Book Review).....	1096	
FONDA, J. S., AND RHODES, F. H. Factors Determining Brightness and Opacity of White Paints.....				
FOOD INVESTIGATION BOARD. Report for the Year 1924. (Book Review).....		HADFIELD, R. A. Metallurgy and Its Influence on Modern Progress. With Survey of Education and Research. (Book Review).....	875	
FORBES, E. B. Present and Future of the Food Supply.....		HÄUSSER, F., AND BESTEHORN, R. Kohle, Koks, Teer: Abhandlungen zur Praxis der Gewinnung, Veredelung und Verwertung der Brennstoffe. Edited by Gwosdz, Band 6—Gesammelte Untersuchungen über die Verbrennlichkeit von Hütten Koks in Technischen Körnungen. (Book Review).....	988	
FORTSCH, A. R., AND WHITMAN, W. G. Specific Heats of Oils.....		HAGLUND, T. R. Haglund Process for Electrothermic Production of Pure Aluminum Oxide.....	67	
FOSTER, R. H. K. Use of Methyl Salicylate in a Flowmeter. (Correction, 213).....		HAHN, F. C., AND BRADSHAW, H. Viscosity of Cuprammonium Solutions of Cotton Cellulose.....	1259	
FOULK, C. W. Industrial Water Supplies of Ohio. (Book Review).....		HALEY, J. M. Detection of Alcohol Adulterants.....	1312	
FRANCIS, A. W. Estimation of Unsaturated Content of Petroleum Products. (Correction, 1095).....		HALLIDAY, NELLIE, KOHMAN, E. F., EDDY, W. H., AND CARLSSON, VICTORIA. Vitamins in Canned Foods. V—Peaches.....	302	
FRARY, F. C. Future Developments in the Light Metals. Symposium, Future Trends in Industrial and Engineering Chemistry		HANSEN, H. V. Calculations for Regeneration of Nitrating Acids.....	598	
George B. Frankforter. (American Contemporaries).....		HARDING, E. P., AND THORDARSON, WILLIAM. Distribution of Sulfur in Oil Shale. (Correction, 765).....	731	
FREHAFFER, M. K., AND SNOW, C. L. Tables and Graphs for Facilitating the Computation of Spectral Energy Distribution by Planck's Formula. (Book Review).....		HARRIS, F. W. "Experts." (See editorial, 442; "We Were Wrong," 547; Grosvenor, 873; Glaze, 874; Brown, C. O., 1095; Brown, B. K., 1096).....	764	
FRENCH, R. W. Effect of Variations in Concentration of Dyes in Solution upon Their Quantitative Determination Spectrophotometrically. Methylene Blue.....		HART, A. B., AND SCHUYLER, W. M., Editors. American Year Book. Record of Events and Progress for Year 1925. (Book Review).....	1356	
FROST, E. C., AND JONES, C. O. Note on Determination of Small Amounts of Bismuth in Copper.....		HART, EDWARD. John Townsend Baker. (American Contemporaries).....	322	
FURTHER, ARTHUR. Braunkohle und Ihre Chemische Verwertung. Vol. II of Fortschritte der Chemische Technologie in Einzeldarstellungen, edited by Rassow. (Book Review).....		HASLAM, R. T. Relation of Chemistry to the Development of Power ADAMS, F. W., AND KEAN, R. H. Rate of Solution and Availability of Commercial Limes.....	1047	
FUJIIHARA, TADAYOSHI. Passivity of Iron by Dilute Nitric Acid.....		AND HERMANN, E. C. Effect of Time and Temperature of Burning on Properties of Lime.....	19	
FULWEILER, W. H. Fifty Years of Gas Chemistry.....		AND RUSSELL, R. P. Fuels and Their Combustion. (Book Review).....	960	
FURMAN, N. H., AND KOLTHOFF, I. M. Indicators. Their Use in Quantitative Analysis and in Colorimetric Determination of Hydrogen-Ion Concentration. (Book Review).....		Hausbrand, E. S. Principles and Practice of Industrial Distillation. (Book Review).....	435	
Potentiometric Titrations. Theoretical and Practical Treatise. (Book Review).....		HAUSER, E. A. Microcinematograms of Brownian Movement in Rubber Latex and of the Dissection of Single Latex Particles with the Micromanipulator. Raw Rubber Symposium.....	546	
GARBY, C. D. Determination of Biguanide.....		HAWLEY, F. G. Determination of Fluorine.....	1146	
GARDNER, WILLIAM. Chemical Synonyms and Trade Names. (Book Review).....		HAWLEY, L. F. Fifty Years of Wood Distillation.....	573	
GEER, W. C. Future Commercial Prospects for Synthetic Rubber. Raw Rubber Symposium.....		HEATON, NOEL. Volatile Solvents and Thinners. (Book Review).....	929	
GENIESSE, J. C., AND LESLIE, E. H. Distillation Studies. LESLIE, E. H., LEGATSKI, T. W., AND JAGROWSKI, L. H. Latent Heats of Vaporization of Distillates from Paraffin-Base Petroleum.....		HEELEY, D. G., HENRIKSEN, ALFRED, AND PADGETT, F. W. Wax Crystallization.....	216	
GEORGIA, F. R., AND MORALES, RITA. Detection of Methanol in Alcoholic Beverages.....		HENDERSON, W. F., AND DIETRICH, H. E. Cellulose Sausage Casings and HENDRICKS, S. B., BACOT, A. M., AND YOUNG, H. C. Relative Toxicity of the Arsenates of Calcium.....	1190	
GERARD, JEAN, Editor. 1914-1924. Dix Ans d'Efforts Scientifiques et Industriels. Vol. I. (Book Review).....		HENRIKSEN, ALFRED, PADGETT, F. W., AND HEELEY, D. G. Wax Crystallization.....	50	
GILKEY, W. A. Calcination Rates of Limestone.....		HERMANN, E. C., AND HASLAM, R. T. Effect of Time and Temperature of Burning on Properties of Lime.....	832	
GILL, A. H., AND GILL, HELEN. Possible Test for Oiliness of Oils.....		HERRICK, H. T. Contribution of Color Laboratory to Industry. Dye Symposium.....	1334	
GILMAN, HENRY, Editor-in-Chief. Organic Syntheses—Vol. VI. (Book Review).....		HERSHEY, R. L., AND WEBER, H. C. Some Practical Applications of Lewis Filtration Equation.....	341	
GILSON, E. G. Some Little Understood Factors Affecting Lubrication. Lubrication Symposium.....		HERTY, C. H. Future Trends of Synthetic Organic Chemistry. Symposium, Future Trends in Industrial and Engineering Chemistry.....	1025	
GIVEN, G. C. Artificial Leather.....		1206	HETHERINGTON, H. C., AND PINCK, L. A. Preparation of Cyanamide Hydrochloride.....	629
GLANCY, W. E., WRIGHT, D. D., AND OON, K. H. Rate of Combination of Sulfur with Rubber in Hard Rubber.....		1207	HIBBARD, P. L. Chromic Acid Method for Estimation of Small Amounts of Bromine.....	57
GLANVILLE, W. H. Permeability of Portland Cement Concrete. (Book Review).....		1208	Iodometric Determination of the Halogens.....	836
GLAZE, F. W. "Experts." (See editorial, 442; Harris, 764, 1356; Grosvenor, 873; Brown, C. O., 1095; Brown, B. K., 1096).....		1209	HIER, G. S. Modified Liquid Sealed Mechanical Stirrer.....	1203
GNADINGER, C. B. Piperonal in Vanilla Extract.....		1210	HINSHAW, W. R., FITCH, J. B., TITUS, R. W., AND HUGHES, J. S. Destruction of Vitamin A in Milk by Ultra-Violet Light.....	843
GOFF, J. A. Chemical Reactions in the Gas Producer.....		1211	HIPPENSTEEL, C. L. New Mechanical Test for Rubber Insulation.....	409
GOOGIN, J. F., CRONIN, J. J., FOGG, H. C., AND JAMES, C. Metallic Uranium.....		1212	HIXON, R. M. Laboratory Mixing Machine for Solids.....	138
GOLDSMITH, H. E., AND RHODES, F. H. Effect of Various Carbon Pigments upon Rate of Oxidation of Linseed Oil.....		1213	HOLDEN, E. F., AND KRAUS, E. H. Gems and Gem Materials. (Book Review).....	104
GOODWIN, HAROLD. Autoclaves and High Pressure Work. (Book Review).....		1214	HOLLINGSHEAD, T. E., AND OTTERBACHER, T. J. Suitability of Monel Metal for Vanilla Flavoring Containers.....	871
GOOS, A. W., OLIN, H. L., AND READ, C. D. Role of Metallic Colloids in Suppression of Detonation.....		1215	HOLMES, A. D., AND PIGOTT, M. G. Vitamin Potency of Cod-Liver Oils. XVIII—Effect on Vitamin Potency of Cold-Pressing Cod-Liver Oils.....	188
GORDON, H. B. Filtering Devices.....		1216	HOLMES, H. N., SULLIVAN, R. W., AND METCALF, N. W. Increasing the Internal Volume of Silica Gels by Moist Heat Treatment and Weiser, H. S., Editors. Colloid Symposium Monograph. Vol. III. (Book Review).....	386
GOSS, HAROLD, Meyer E. Jaffa. (American Contemporaries).....		1217	HOLTON, E. C. Insecticides and Fungicides.....	324
GRAY, A. E., AND FISHER, H. L. Chemical Unsaturation of Rubber under Action of Heat, Trichloroacetic Acid, Ultra-Violet Light, and Mastication.....		1218	HONAN, E. M., AND WATERMAN, R. E. Rapid Evaluation of Baked Japan Finishes.....	931
GRAY, G. P., AND DEONG, E. R. California Petroleum Insecticides. Laboratory and Field Tests.....		1219	HOOKE, H. D., AND AHMANN, C. F. Determination of Pectin. HOPKINS, F. W. Separation and Analysis of Pigments in Lacquer. HOUBEN, J. Fortschritte der Heilstoffchemie. (Book Review).....	412
GRAY, HAROLD, AND DIETERICH, E. O. Effects of Accelerated Aging upon Some Physical Properties of Hard Rubber Compounds.....		1220	HOWARD, F. A. Fifty Years in the Petroleum Industry.....	1362
GRAY, H. L. B. Suggested Constitutional Formula for Cellulose. GREAVES, J. E., AND E. O. Bacteria in Relation to Soil Fertility. (Book Review).....		1221	HOWARD, HENRY. Report, Committee on Patent and Related Legislation.....	936
GREENBERG, H., AND WHITBY, G. S. Significance of Resin of Hevea Rubber in Vulcanization and in Aging of Raw Rubber. Raw Rubber Symposium.....		1222	HOOKE, H. D., AND AHMANN, C. F. Determination of Pectin. HOPKINS, F. W. Separation and Analysis of Pigments in Lacquer. HOUBEN, J. Fortschritte der Heilstoffchemie. (Book Review).....	412
GREENE, A. R., WOOD, A. E., AND PROVINE, R. W. Desulfurizing Effects of Sodium Hypochlorite on Naphtha Solutions of Organic Sulfur Compounds.....		1223	HOWARD, HENRY. Report, Committee on Patent and Related Legislation.....	542

HOWARTH, H. A. S.	Characteristics of Full and Partial Journal Bearings. Lubrication Symposium.	453	LEECH, F. B.	Organic Rubber Accelerators. (Correction, 517)...	316
HOWE, H. E., Editor.	Chemistry in Industry. Vol. II. (Book Review).	105	LEECH, P. N.	Standardization and Evaluation of Medicinals...	953
Chemistry in the World's Work.	(Book Review).	987	LEGATSKI, T. W., JAGROWSKI, L. H., LESLIE, E. H., AND GENIESSE, J. C.	Latent Heats of Vaporization of Distillates from Paraffin-Base Petroleum.	45
HOWELL, W. H.	Report of Surgeon General's Committee on Tetraethyl Lead.	193	LEMMON, N. E., ROGERS, T. H., AND GRIMM, F. V.	Adsorption Studies on Decolorization of Mineral Oils.	164
HOYT, L. F., AND VERWIEBE, ALMA.	Determination of Concentration of Liquid Soaps by Immersion Refractometer.	581	LERCH, WM., AND BOGUE, R. H.	Determination of Uncombined Lime in Portland Cement.	739
HUBER, F. C., AND REID, E. E.	Influence of Rate of Stirring on Reaction Velocity.	535	LESLIE, E. H., AND GENIESSE, J. C.	Distillation Studies.	590
HUESTIS, B. L.	Shipping Containers. (Book Review).	655	GENIESSE, J. C., LEGATSKI, T. W., AND JAGROWSKI, L. H.	Latent Heats of Vaporization of Distillates from Paraffin-Base Petroleum.	45
HUFF, W. J.	Origin of Carbon Disulfide in Carbonization of Coal.	357	AND POTTHOFF, E. H.	Cracking of Petroleum Oils.	776
HUGHES, J. S., TITUS, R. W., HINSHAW, W. R., AND FITCH, J. B.	Destruction of Vitamin A in Milk by Ultra-Violet Light.	843	LEUCK, G. J., AND TRICKEY, J. P.	Furfural Derivatives as Rubber Accelerators.	812
HUNZIKER, O. F.	Condensed Milk and Milk Powder. (Book Review).	767	LEVY, L. I.	Introduction to Industrial Chemistry. (Book Review).	877
I DDLES, H. A., AND TAYLOR, T. C.	Separation of Amyloses in Some Common Starches.	713	LEWIS, W. K., AND RADASCH, A. H.	Industrial Stoichiometry (Book Review).	988
ITTNER, M. H.	Progress in the Soap Industry during the Last Fifty Years.	908	AND RIES, E. D.	Note on "Influence of Reaction Rate on Operating Conditions in Contact Sulfuric Acid Manufacture." [See This Journal, 17, 593 (1925)].	213
Report, Committee on Industrial Alcohol.		541	LI, S. H., WITH PARR, S. W.	Oxidation of Pyrites as Factor in Spontaneous Combustion of Coal.	1299
JACKSON, L. E.	Industrial Requirements for Dry-Cleaner's Naphtha.	237	LILLEY, E. R.	Oil Industry. (Book Review).	215
JAGROWSKI, L. H., LESLIE, E. H., GENIESSE, J. C., AND LEGATSKI, T. W.	Latent Heats of Vaporization of Distillates from Paraffin-Base Petroleum.	45	LIND, S. C.	James Lewis Howe. (American Contemporaries).	434
JAMES, C., GOGGIN, J. F., CRONIN, J. J., AND FOGG, H. C.	Metallic Uranium.	114	BARDWELL, D. C., AND PORTER, FRANK.	An All-Glass Circulating Pump for Gases.	1086
JAMIESON, G. S.	Volumetric Iodate Methods. (Book Review).	326	LING, T. T., AND TOCH, MAXIMILLIAN.	Rate of Polymerization of Perilla Oil.	1285
JECUSO, F. P.	Addition of Light to Accelerated Aging.	420	LIPMAN, J. G.	Future Trends in Soil Conservation. Symposium, Future Trends in Industrial and Engineering Chemistry.	1034
JOHNSTIN, RUTH, AND GRIGGS, M. A.	Preparation and Colloidal Properties of Pectin. Preliminary Report.	19	LITTLE, A. D.	Romance of Carbon.	444
JONES, C. O., AND FROST, E. C.	Note on Determination of Small Amounts of Bismuth in Copper.	420	LIVINGSTONE, C. J., MARLEY, S. P., AND GRUSE, W. A.	Fire-Point Carbon Test. (See Byrd and Vilbrandt, 699).	1094
JONES, G. W., AND COWARD, H. F.	Extinction of Methane-Air Flames by Some Chlorinated Hydrocarbons.	623	Motor Carbon Deposits Formed under Controlled Conditions from Typical Automobile Oils. Lubrication Symposium.	502	
JORDAN, LOUIS, AND ECKMAN, J. R.	Determination of Oxygen and Hydrogen in Metals by Fusion in Vacuum.	596	LLOYD, D. J.	Chemistry of the Proteins and Its Economic Applications. (Book Review).	1097
KEAN, R. H., AND ADAMS, F. W.	Measurement of Surface Temperatures. II—Comparison of Various Methods.	970	LORENVART, A. S.	Future Chemotherapy.	1268
HASLAM, R. T., AND ADAMS, F. W.	Rate of Solution and Availability of Commercial Limes.	279	LONG, J. S., AND ARNER, W. J.	Rate of Molecular Weight Increase in Boiling of Linseed Oil.	1252
KEINERT, M.	Metallographic. Vol. II—The Properties of Metals and Their Alloys. Part IV—Technical Metallurgy. (Book Review).	19	AND WENTZ, GRAHAM.	Rate of Molecular Increase in Boiling of Linseed and China Wood Oils.	1245
KELLEY, K. K.	Thermodynamic Consideration of Synthetic Methanol Process.	1096	LONG, LOUIS, JR., WANG, H. Y., AND WHITMAN, W. G.	Absorption of Gases by a Liquid Drop.	363
KELLY, M. W., AND THOMAS, A. W.	Further Studies of Quinone Tannage.	78	LOVELESS, A. W. T.	An Improved Laboratory Fractionating Column.	826
Nature of Vegetable Tannage. Tanning with Mixtures of Gallo-tannin and Quinone.		383	LOWER, S. E., EVANS, W. L., AND MARLING, P. E.	Relationship during Drying between Acid Value of Linseed Oil and Concentration of Cobalt Acetate.	1229
Ultrafiltration of Vegetable Tanning Solutions.		625	LUCKIISH, M.	A Half-Century of Artificial Lighting.	920
KEMMERER, GEORGE, AND SCHRENK, H. H.	Mercuric Bromide Paper for Gutzeit Method for Arsenic.	136	LUNDELL, G. E. F., AND KNOWLES, H. B.	Rapid Detection of Small Amounts of Aluminum in Certain Nonferrous Materials.	60
KERN, E. J., AND WILSON, J. A.	Effect of Splitting on Tensile Strength of Leather.	707	MABERY, C. F.	Composition of Midcontinent Petroleum.	81
KERSHAW, S. H.	Safety in Manufacture of Nitric, Sulfuric, and Mixed Acids and Nitrate of Ammonia as Used in Manufacture of Explosives.	312	MACARDLE, D. W.	Use of Solvents in Synthetic Organic Chemistry. (Book Review).	436
KILGORE, A. J., AND SHERWOOD, T. K.	Absorption and Desorption of Ammonia in Coke-Packed Column. (Correction, 1194).	4	MACDOUGALL, F. H.	Thermodynamics and Chemistry. (Book Review).	1350
KILLEFFER, D. H.	Furfural Steps into Industry. Commercial Manufacture of This New Industrial Raw Material.	1217	MACK, EDWARD, JR., BOORD, C. E., AND CHARCH, W. H.	Antiknock Materials. Experimental and Theoretical Study.	334
Industry Finds a New Tool—X-Rays.		577	MACMILLAN, H. J., ROBBINS, H. B., AND BOSART, L. W.	Amounts of Soap and Builder Necessary to Soften Water of Different Degrees of Hardness.	27
Plowshares from Chemistry's Swords.		253	MANDELBAUM, M. R., AND NISSON, P. S.	Life of Fuller's Earth Used in Vapor-Phase Treatment of Cracked Distillates.	564
Progress of a Year—A Chemical Review.	(Correction, 1205).	1041	MARASCO, MARTIN.	Hydroxylamine Hydrochloride for Quick Estimation of Acetone.	701
KINGMAN, W. A.	Determination of Water Content of Liquid Glue	93	MARCOVITCH, S.	Fluosilicates as Insecticides.	572
KINGSBURY, P. C.	Hydrochloric Acid Absorption Equipment. [See This Journal, 17, 1002 (1925)].	322	MARIE, CH., Editor.	Tables Annuelles de Constantes et Données Numériques de Chimie, de Physique et de Technologie. (Book Review).	1361
KLAR, M.	Technology of Wood Distillation. (Book Review).	325	MARLEY, S. P., LIVINGSTONE, C. J., AND GRUSE, W. A.	Fire-Point Carbon Test. (See Byrd and Vilbrandt, 699).	1094
KLIPESTEIN, K. H.	Development of Synthetic Anthraquinone. Dye Symposium.	1327	Motor Carbon Deposits Formed under Controlled Conditions from Typical Automobile Oils. Lubrication Symposium.	502	
KLYCE, SCUDERI.	Sins of Science. (Book Review).	324	MARLING, P. E., LOWER, S. E., AND EVANS, W. L.	Relationship during Drying between Acid Value of Linseed Oil and Concentration of Cobalt Acetate.	1229
KNIGHT, H. C., AND WALTON, D. C.	Deflagration Products of Smokeless Powder. Analytical and Physiological Study.	287	MARSHALL, E. K., JR.	John Jacob Abel. (American Contemporaries).	984
KNOWLES, H. B., AND LUNDELL, G. E. F.	Rapid Detection of Small Amounts of Aluminum in Certain Nonferrous Materials.	60	MARTINET, J.	Matières Colorantes Indigo et Ses Dérivées. Encyclopédie de Chimie Industrielle. (Book Review).	1362
KOERTHEN, F. L.	Role of Graphite in Lubrication. Lubrication Symposium.	497	MARVEL, C. S.	Organic Syntheses. (Book Review).	215
KOHMAN, E. F., EDDY, W. H., AND CARLSSON, VICTORIA.	Vitamins in Canned Foods. IV—Green Peas.	85	MARVIN, C. J., AND WALKER, MARK.	Determination of Strength of Liquid Hydrocyanic Acid by Specific Gravity.	139
EDDY, W. H., CARLSSON, VICTORIA, AND HALLIDAY, NELLIE.	Vitamins in Canned Foods. V—Peaches.	302	MASTERS, HELEN, AND TINKLER, C. K.	Applied Chemistry. Practical Handbook for Students of Household Science and Public Health. Vol. II—Foods. (Book Review).	326
KOLTHOFF, I. M., AND FURMAN, N. H.	Indicators. Their Use in Quantitative Analysis and in Colorimetric Determination of Hydrogen-Ion Concentration. (Book Review).	876	MATHES, R. A., AND RHODES, F. H.	Effect of Zinc Oxide Pigments upon Rate of Oxidation of Linseed Oil.	30
Potentiometric Titrations. Theoretical and Practical Treatise. (Book Review).		766	MATHES, J. A.	Future Trends in Iron and Steel Production. Symposium, Future Trends in Industrial and Engineering Chemistry. The Steel Age—1876 to 1926.	1021
KOWALKE, O. L., AND RAGATZ, R. A.	The Thomas Gas Calorimeter. Factors Affecting Its Precision, Flexibility, and Reliability.	1087	MATTHEWS, J. R., AND NORRON, FRED.	Problem in Diesel Engine Lubrication. Lubrication Symposium.	913
KRAEFF, A.	Preparation of Asphalt for Ductility Test.	874	McCALLUM, W. B.	Botany and Cultural Problems of Guayule. Raw Rubber Symposium.	480
KRALL, STANLEY, SHEPARD, N. A., AND MORRIS, H. L.	Some Factors Influencing the Weathering of Vulcanized Rubber.	615	MCDONNELL, H. B.	Quick Method for Determination of Ozone.	1121
KRASE, H. J., THOMPSON, J. G., AND YEE, J. Y.	Fixation of Nitrogen as Aluminum Nitride.	1287	McHARGUE, J. S.	Manganese and Plant Growth.	135
KRAUS, E. H., AND HOLDEN, E. F.	Gems and Gem Materials. (Book Review).	104	MCINTOSH, D. H.	Determination of Metallic Lead in Metallurgical Products and Pigments.	172
LABARRE, F.	Manuel du Chimiste de Laiterie Analysis de Lait et de ses Sous-Produits. (Book Review).	216	McKIM, W. A.	Interpretation of Stress-Strain Curves on Lacquer and Lacquer Components.	1320
LANGE, A. R.	Characteristics of Fish and Allied Oils.	9	MCMURRAY, R. E., GREENFIELD, R. E., AND ELDER, A. L.	Further Studies on Biochemical Oxygen Demand Test.	1239
LANGE, OTTO.	Die Schwefelsärfstoffe, Ihre Herstellung und Verwendung. (Book Review).	325	MEADE, R. K.	Portland Cement Industry. Portland Cement. Its Composition, Raw Materials, Manufacture, Testing, and Analysis. (Book Review).	910
LANGTON, H. M.	Blacks and Pitches. (Book Review).	106	MEES, C. E. K.	Fifty Years of Photography.	877
LARSON, A. T., AND BROOKS, A. P.	Ammonia Catalysts.	1305	MEISTER, W. F., AND STEPHENS, THOMAS.	Determination of Water-Soluble Barium in Black Ash.	915
LAWALL, C. H.	Henry Leffmann, A.M., M.D., Ph.D. (American Contemporaries).	648			828

MELLOR, J. W. Comprehensive Treatise on Inorganic and Theoretical Chemistry. Vol. VI—Carbon (continued) and Silicon. (Book Review).....	546	PARKER, H. R. Control of Industrial Waste.....	322
MERRILL, H. B., AND WILSON, J. A. Another Important Role Played by Enzymes in Bating.....	185	PARR, S. W. A Pioneer Investigator. With Some Present-Day Observations Relating to His Work.....	94
METCALF, N. W., HOLMES, H. N., AND SULLIVAN, R. W. Increasing Internal Volume of Silica Gels by Moist Heat Treatment.....	386	Constitution of Coal. Chandler Lecture.....	640
METZGER, F. J. Calcium Cyanide—"Powdered Hydrocyanic Acid.".....	161	Future Trends in Low-Temperature Carbonization. Symposium, Future Trends in Industrial and Engineering Chemistry.....	1015
MILES, F. D. Manufacture of Sulfuric Acid (Contact Process). Vol. IV—Manufacture of Acids and Alkalies. (Book Review).....	105	Recording Gas Calorimeter of the Flow Type.....	1194
MILLENET, L. E. Enameling on Metal—A Practical Manual on Enameling and Painting on Enamel as Applied Particularly to Gold and Silver Ware and Art Metal Work. (Book Review).....	987	WITH LI, S. H. Oxidation of Pyrites as Factor in Spontaneous Combustion of Coal.....	1299
MOHLMAN, F. W. Treatment of Packing-House, Tannery, and Corn-Products Wastes.....	1076	PARSONS, L. W., AND TAYLOR, G. R. Lubricating Value as Related to Certain Physical and Chemical Properties of Oils. Lubrication Symposium.....	493
MONYPENNY, J. H. G. Stainless Iron and Steel. (Book Review).....	1096	PARTINGTON, J. R. Alkali Industry. (Book Review).....	325
MOOR, W. C., AND WAYNE, W. P. Treatment of Packing-House Sewage.....	239	PASCAL, PAUL. Explosifs, Poudres Gaz de Combat Leçons Professées à la Faculté des Sciences le Lelle. (Book Review).....	437
MOORE, R. B. Commercial Production of Radium, Mesothorium, and Helium. Perkin Medal Award Address.....	198	PATTERSON, A. M. History of the Word "Alum".....	634
MOORE, R. L., AND SPEAR, E. B. High and Low Stiffening Carbon Blacks.....	418	Meetings of the International Nomenclature Committees.....	320
MOORE, W. C. Backhaus Process for Carbon Dioxide Purification.....	540	PENNING, C. H., AND WATSON, W. N. Indigo and the World's Dye Trade.....	1309
MORALES, RITA, AND GEORGIA, F. R. Detection of Methanol in Alcoholic Beverages.....	304	PETERS, W. A., JR., AND BAKER, THOMAS. High-Precision Fractional Distillation in the Laboratory.....	69
MOREY, G. W. Future Progress in Ceramic Chemistry. Symposium, Future Trends in Industrial and Engineering Chemistry. Half-Century of Progress in Glass Industry.....	1023	PETRIES, TELFORD. Elements of Internal Combustion Engineering. (Book Review).....	765
MORGAN, H. T., AND CALBECK, J. H. Cause and Prevention of Staining on White Paints.....	943	PIERCE, H. F. A Mobile Refrigerating Unit.....	270
MORRELL, J. C. Systematic Refining of Cracked Distillates. Chemical Factors in Refining. AND EGLOFF, GUSTAV. Antiknock Motor Fuels by Cracking Shale Oils.....	1227	PIGOTT, M. G., AND HOLMES, A. D. Vitamin Potency of Cod-Liver Oils. XVIII—Effect on Vitamin Potency of Cold-Pressing Cod-Liver Oils.....	188
Determination of Unsaturated, Aromatic, Naphthalene, and Paraffin Hydrocarbons in Motor Fuels and Their Automotive Equivalents.....	733	PINCK, L. A., AND HETHERINGTON, H. C. Preparation of Cyanamide Hydrochloride.....	629
Sulfuric Acid Absorption and Iodine Values of Various Petroleum Products and Cracked Distillates Obtained Therefrom. Correction. [See This Journal, 17, 1259 (1925)].....	801	PINCUSSEN, L., AND OPPENHEIMER, C. Editors. Tabulae Biologicae. Vol. I—Reine und physiologische Physik, physikalische Chemie und biologische Anwendungen. (Book Review).....	107
MORRELL, R. S., AND WOOD, H. R. Chemistry of Drying Oils. (Book Review).....	67	PLATT, WASHINGTON. Small-Scale to Factory Proportion. POPE, A. W., JR. Automotive Engine Lubrication. Lubrication Symposium.....	774
MORRIS, H. L., SHEPARD, N. A., AND KRALL, STANLEY. Some Factors Influencing the Weathering of Vulcanized Rubber.....	354	PORTER, FRANK, BARDWELL, D. C., AND LIND, S. C. An All-Glass Circulating Pump for Gases.....	1197
MORSE, E. H. Laboratory Preparation of Viscose.....	398	PORTER, L. E. Free Chlorine in Air. Colorimetric Method for Its Estimation.....	490
MÜLLER, ERICH. La Pratique Electrochimie: Les Besoins d'un Laboratoire d'Electrochimie, Travaux Pratiques. (Book Review).....	437	POTTHOFF, E. H., AND LESLIE, E. H. Cracking of Petroleum Oils. POUCHER, W. A. Perfumes, Cosmetics, and Soaps. With Special Reference to Synthetics. Vol. I—Dictionary of Raw Materials. Vol. II—Treatise on Practical Perfumery. (Book Review).....	1086
MUNROE, C. E., et al. Report of A. C. S. Committee on Hazardous Chemicals and Explosives.....	756	POWERS, D. H. Contribution of the Dyestuff Industry in Development of the Rubber Industry. Dye Symposium.....	730
MURRAY, J. A. Science of Soils and Manures. (Book Review).....	436	PRICE, W. A. Relation of Light to Life and Health. Some Biochemical and Clinical Aspects.....	679
MURRAY, W. J., AND DAVIS, H. S. Aliphatic Tertiary Alcohols and Their Industrial Possibilities.....	844	PRICE, W. B. Report, Committee Advisory to Bureau of Mines and Bureau of Standards on Nonferrous Metals. (Correction, 653). PROVINE, R. W., GREENE, A. R., AND WOOD, A. E. Desulfurizing Effects of Sodium Hypochlorite on Naphtha Solutions of Organic Sulfur Compounds.....	542
PURDY, R. C. Influence of Chemistry on Ceramics.....	844	PURDY, R. C. Influence of Chemistry on Ceramics.....	823
NATIONAL RESEARCH COUNCIL. Bibliography on Research. (Book Review).....	876	RADASCH, A. H., AND LEWIS, W. K. Industrial Stoichiometry. (Book Review).....	952
NELLER, J. R. Effect of Sulfur upon Nitrogen Content of Legumes. NELSON, H. A., AND SCHMUTZ, F. C. Accelerated Weathering. A Consideration of Some Fundamentals Governing Its Application AND WERTHAN, S. Traffic Paint.....	72	RAGATZ, R. A., AND KOWALKE, O. L. Thomas Gas Calorimeter. Factors Affecting Its Precision, Flexibility, and Reliability.....	988
NELSON, V. E., AND ANDEREGG, L. T. Milk Powders as Food. II—Observations on the Existence of Vitamin E.....	1222	RAHRS, E. J., AND CLARKE, H. T. A "Bubbler" Laboratory Fractionating Column.....	1087
NEUSBAUM, C. A., DEVERTER, P. L., AND DEAN, E. W. Portable Combustion Apparatus for Detection and Measurement of Small Quantities of Petroleum Vapor.....	965	RAY, A. B. Production of Colored Smoke Signals.....	1092
NEWELL, F. H. Relation of By-Product Coke Ovens to Super-Power Development.....	620	READ, C. D., OLIN, H. L., AND GOOS, A. W. Role of Metallic Colloids in Suppression of Detonation.....	1316
NEWELL, L. C. Charles W. Eliot. (Obituary).....	183	REID, E. E. Relation of University to Dye Industry. Dye Symposium.....	1325
NEWITT, D. M., Editor. Chemical Engineering and Chemical Catalogue. (Book Review).....	1052	AND HUBER, F. C. Influence of Rate of Stirring on Reaction Velocity.....	535
NEWMAN, J. R., AND BOONE, C. E. Effect of Heat Generated during Stressing upon Tensile Properties of Rubber.....	1207	RETTBERG, H., AND ZÄNKER, W. Erkennung und Prüfung von Färbungen. (Book Review).....	217
NEWTON, W. L., AND EVANS, R. M. Hydrogen from Water Gas. Catalysts for Its Production.....	1360	REYERSON, L. H. Preparation of an Ash-Free Wood Charcoal. [See This Journal, 17, 1114 (1925)].....	213
NILSSON, K. T., AND WEBER, H. C. Absorption of Gases in Milk of Lime—I.....	539	REYNOLDS, D. A., AND DAVID, J. D. Coking Constituents of Mesa Verde and Pittsburgh Coals.....	833
NISSEN, P. S., AND MANDELBAUM, M. R. Life of Fuller's Earth Used in the Vapor-Phase Treatment of Cracked Distillates.....	513	RHEAD, E. L. Metallurgy. (Book Review).....	656
NORRIS, J. F. A Look Ahead. Chemists' Club Honors William H. Nichols. Future of the Chemistry of Petroleum. Symposium, Future Trends in Industrial and Engineering Chemistry. Opportunities for Research in Aliphatic Chemistry.....	1070	RHODES, F. H., AND FONDA, J. S. Factors Determining Brightness and Opacity of White Paints.....	130
NORTON, FRED., AND MATTHEWS, R. R. Problem in Diesel Engine Lubrication. Lubrication Symposium.....	564	AND GOLDSMITH, H. E. Effect of Various Carbon Pigments upon Rate of Oxidation of Linseed Oil.....	566
NOYES, W. A. Relation between Cost of Research and Cost of Publication.....	994	AND MATHEWS, R. A. Effect of Zinc Oxide Pigments upon Rate of Oxidation of Linseed Oil.....	30
OAKES, B. J. Analysis of Lacquers. General Discussion.....	317	RICHARDSON, A. S., AND SNODDY, A. O. Heterogeneous Catalysis. III—Hydrogenation of Cottonseed Oil with Platinum.....	570
OENSLAGER, GEORGE. Changes in Rubber Industry during Past Fifty Years.....	1019	RICHARDSON, W. D. Standard Methods for Sampling and Analysis of Commercial Fats and Oils.....	1346
OHN, ASTA. Viscosity of Pectin Solns.....	262	RIES, E. D., AND CLARK, L. E. Analysis of Sulfur Dioxide in Presence of Excess Air.....	747
OLIN, H. L., READ, C. D., AND GOOS, A. W. Role of Metallic Colloids in Suppression of Detonation.....	480	AND LEWIS, W. K. Note on "Influence of Reaction Rate on Operating Conditions in Contact Sulfuric Acid Manufacture." [See This Journal, 17, 593 (1925)].....	213
OON, K. H., GLANCY, W. E., AND WRIGHT, D. D. Rate of Combination of Sulfur with Rubber in Hard Rubber.....	985	RILEY, RAY, AND SWEENEY, O. R. Effect of Hydrogen-Ion Concentration in Revivifying Zeolites.....	1214
OPPENHEIMER, C., AND PINCUSSEN, L. Editors. Tabulae Biologicae. Vol. I—Reine und physiologische Physik, physikalische Chemie und biologische Anwendungen. (Book Review).....	1232	RINKENBACH, W. H. Properties of Glycol Dinitrate. AND TAYLOR, C. A. Ethylene Glycol. An Evaluation of Available Information on Physical Properties of This Compound.....	1195
Ost, H. Lehrbuch der Chemischen Technologie. (Book Review).....	902	RITTER, G. J., AND FLECK, L. C. Chemistry of Wood. VIII—Further Studies of Sapwood and Heartwood. 576; IX—Springwood and Summerwood.....	676
OTTERBACHER, T. J., AND HOLLINGSHEAD, T. E. Suitability of Monel Metal for Vanilla Flavoring Containers.....	1316	ROBBINS, H. B., MACMILLAN, H. J., AND BOSART, L. W. Amounts of Soap and Builder Necessary to Soften Water of Different Degrees of Hardness.....	608
PADGETT, F. W., HEFLEY, D. G., AND HENRIKSEN, ALFRED. Wax Crystallization.....	73	ROBBINS, W. K. Textile Dyeing.....	27
PALKIN, S., AND WATKINS, H. R. Suitability of Chloroform for Alkaloidal Assay.....	107	ROBINSON, C. S. Some Factors Influencing Sedimentation. AND WEBRE, A. L. Evaporation. (Book Review).....	927
PAMFILOV, A. V. Determination of Aniline. [See Carson, This Journal, 17, 62 (1925)].....	657	ROGERS, ALLEN, Editor. Elements of Industrial Chemistry. Abridgment of Manual of Industrial Chemistry. (Book Review).....	869
PARISH, W. F. Power and the Viscosity of Oil.....	763	ROGERS, T. H., GRIMM, F. V., AND LEMMON, N. E. Adsorption Studies on Decolorization of Mineral Oils.....	875
PARK, BART. Bismuthate Method for Manganese.....	525	ROSECRANS, C. Z., BRADLEY, M. J., AND CORBIN, R. M. Theoretical and Recorded Pressures in Oxygen Bomb Determinations. (Correction, 388).....	1097
PARKER, C. L. Supreme Court Patent Decision.....	597	ROURKE, R. K., BENSON, H. K., AND BORGES, J. N. Effect of Sulfur in Briquetting of Sub-Bituminous Coal.....	164
	433		307
			116

RUE, J. D.	Fifty Years' Progress in Pulp Industry.....	917	STEPHENS, THOMAS, AND MEISTER, W. F.	Determination of Water-Soluble Barium in Black Ash.....	828	
RUSSELL, R. P., AND HASLAM, R. T.	Fuels and Their Combustion. (Book Review).....	435	STEVENS, H. P.	Recent Developments in Preparation of Plantation Rubber. Raw Rubber Symposium.....	1116	
AND WHITMAN, W. G.	Factors Influencing the Corrosion of Iron Pipes. (<i>See</i> Baylis, 370).....	986	STIEGLITZ, JULIUS.	Chemistry and Recent Progress in Medicine. (Book Review).....	546	
SABATIER, PAUL.	How I Have Been Led to the Direct Hydrogenation Method by Metallic Catalysts.....	1005	STOUGHTON, BRADLEY, AND BILLINGER, R. D.	Spheroidizing of Cementite.....	785	
SACHS, J. H., AND BISHOP, O. M.	Progress in Development and Manufacture of Vat Colors in America. Dye Symposium.....	1331	STRICKHOUSER, S. I., AND BUSWELL, A. M.	Some Observations on Sewage Tank Gases.....	407	
SADTLER, S. S., <i>et al</i> , Editors.	Allen's Commercial Organic Analysis. Vol. IV—Resins, Rubber, Gutta Percha, Essential Oils. (Book Review).....	435	STRONG, R. K.	Laboratory Safety. (<i>See</i> editorial, 332). STUTZ, G. F. A.	Some Effects of Ultra-Violet Light on Paint Vehicles.....	653
SALE, J. W., AND WILSON, J. B.	Evaluation of Commercial Vanilla Oleoresins.....	283	SUCHARIPA, RUDOLPH.	Die Pektinstoffe. (Book Review).....	1235	
SCHIDROWITZ, PHILIP.	Direct Use of Rubber Latex, Especially Vulcanized Latex. Raw Rubber Symposium.....	1147	SULLIVAN, BETTY, AND SNYDER, HARRY.	Determination of Moisture in Wheat and Flour—IV.....	437	
SCHLATTER, HUGO.	Explosives 1876–1926.....	905	SULLIVAN, R. W., METCALF, N. W., AND HOLMES, H. N.	Increasing Internal Volume of Silica Gels by Moist Heat Treatment.....	272	
SCHMITZ, F. C., AND NELSON, H. A.	Accelerated Weathering. Consideration of Some Fundamentals Governing Its Application.....	1222	SWEENEY, O. R., AND RILEY, RAY.	Effect of Hydrogen-Ion Concentration in Revitalizing Zeolites.....	1214	
SCHNETZLER, H. G., AND WILSON, R. E.	Effect of Pressure and Temperature on Total Volume of Partially Vaporized Midcontinent Crude.....	523	SWEET, S. S., SHEPPARD, S. E., AND CARVER, E. K.	Time Factor and Yield Value of Cellulose Esters.....	76	
SCHREIBER, HERMAN.	Purification of Diffusion Juice from Beets.....	860	SZAMATOSKI, MARTIN.	Development of the Aromatic Chemical Industry from 1876 to 1926.....	933	
SCHRENK, H. H., AND KEMMRER, GEORGE.	Mercuric Bromide Paper for Gutzeit Method for Arsenic.....	707	TAGUE, E. L.	Casain—Its Preparation, Chemistry, and Technical Utilization. (Book Review).....	1360	
SCHUETTE, H. A., AND DOMOGALLA, B. P.	Fatty Oils as Substitutes for Ethyl Alcohol in Citrus Flavors.....	1254	TAYLOR, C. A., AND RINKENBACH, W. H.	Ethylene Glycol. Evaluation of Available Information on Physical Properties of This Compound.....	676	
AND SMITH, M. P.	Isopropanol as Substitute for Ethanol. III—Determination of Acid Numbers.....	1242	TAYLOR, G. R., AND PARSONS, L. W.	Lubrication Value as Related to Certain Physical and Chemical Properties of Oils. Lubrication Symposium.....	493	
SCHUHPP, O. E., JR., AND BUEHRER, T. F.	Successive Potentiometric Titration of Copper and Iron in Metallurgical Products.....	765	TAYLOR, H. S.	Catalysis—An Industrial Development.....	958	
SCHUYLER, W. M., AND HART, A. B.	American Year Book. Record of Events and Progress for Year 1925. (Book Review).....	1207	TAYLOR, T. C., AND IDLES, H. A.	Separation of Amyloses in Some Common Starches.....	713	
SCIENTIFIC AND INDUSTRIAL RESEARCH, DEPARTMENT OF.	Carbonization of Coal in Continuous Vertical Retorts. (Book Review).....	107	TEEPEE, J. E.	Raw Materials—Waste and By-Products.....	1187	
Enrichment of Coal Gas by Injection of Oil into Retort during Carbonisation. (Book Review).....	142	TEMPLETON, H. L., AND SHERRARD, E. C.	Tannin Content of Western Hemlock after Immersion in Sea Water.....	101		
Second Report of Adhesives Research Committee. (Book Review).....	612	THATCHER, R. W.	Whitman Howard Jordan. (American Contemporaries).....	1093		
SCOFIELD, G. V.	A Vacuum Regulator.....	1065	THEE, W. C., AND CLARK, G. L.	Ultra-Violet Spectroscopy of Flames of Motor Fuels. Preliminary Experimental Survey. (<i>See</i> Albright, 985).....	528	
SCOTT, P. L.	Diesel Engine Lubrication. Lubrication Symposium.....	1359	THOM, CHARLES, AND CHURCH, M. B.	The Aspergilli. (Book Review).....	766	
SCOTT, W. M.	Role of Chemistry in Manufacture of Silk.....	107	THOMAS, A. W.	Sulfur Tannage.....	259	
SCOTT, W. W., Editor.	Standard Methods of Chemical Analysis. (Book Review).....	612	AND KELLY, M. W.	Further Studies of Quinone Tannage. Nature of Vegetable Tannage. Tanning with Mixtures of Gallo-tannin and Quinone.....	383	
SEBRELL, L. B., AND SHAW, D. N.	Chemical Composition of Rosin.....	142	THOMPSON, J. G., KRASE, H. J., AND YEE, J. Y.	Fixation of Nitrogen as Aluminum Nitride.....	625	
SEL, G. E.	Determination of Hydrocyanic Acid in Gaseous Mixtures.....	169	THORDARSON, WILLIAM, AND HARDING, E. P.	Distribution of Sulfur in Oil Shale.....	136	
SHAW, D. N., AND SEBRELL, L. B.	Chemical Composition of Rosin.....	854	THORPE, EDWARD.	Dictionary of Applied Chemistry. Vol. VI—S Acid-Tetral. (Book Review).....	1287	
SHAW, J. A.	Stability of Constant-Boiling Hydrochloric Acid.....	615	TINKLER, C. K., AND MASTERS, HELEN.	Applied Chemistry. Practical Handbook for Students of Household Science and Public Health. Vol. II—Food. (Book Review).....	731	
SHEARCROFT, W. F. F.	Story of the Atom. (Book Review).....	76	TITUS, R. W., HUGHES, J. S., HINSHAW, W. R., AND FITCH, J. B.	Destruction of Vitamin A in Milk by Ultra-Violet Light.....	546	
SHEELY, CLYDE, WOOD, A. E., AND TRUSTY, A. W.	Action of Petroleum Refining Agents on Naphtha Solutions of Pure Organic Sulfur Compounds.....	1261	TOCH, MAXIMILIAN.	Chemistry and Technology of Paints. (Book Review).....	326	
SHELTON, G. R.	Action of Sodium and Magnesium Sulfates on Portland Cement.....	243	Paint and Varnish—Yesterday, Today, and Tomorrow.....	843		
SHEPARD, N. A., KRALL, STANLEY, AND MORRIS, H. L.	Some Factors Influencing the Weathering of Vulcanized Rubber.....	101	AND LING, T. T.	Rate of Polymerization of Perilla Oil.....	436	
SHEPPARD, S. E., CARVER, E. K., AND SWEET, S. S.	Time Factor and Yield Value of Cellulose Esters.....	744	TRICKY, J. P., AND LEUCK, G. J.	Furfural Derivatives as Rubber Accelerators.....	948	
SHERMAN, H. C.	Nutrition and Health.....	1082	TRUMBULL, H. L.	Safeguarding Laboratory Motors.....	1285	
SHERMAN, M. S., GUERNSEY, E. W., YEE, J. Y., AND BRAHAM, J. M.	Some Factors Affecting Fixation of Nitrogen as Sodium Cyanide.....	345	TRUSTY, A. W., WOOD, A. E., AND SHEELY, CLYDE.	Action of Petroleum Refining Agents on Naphtha Solutions of Pure Organic Sulfur Compounds.....	812	
SHERRELL, E. C., AND TEMPLETON, H. L.	Tannin Content of Western Hemlock after Immersion in Sea Water.....	657	TSCHISCHIKWSKI, N.	Analysis of Boron Alloys.....	675	
SHEWOOD, T. K., AND KILGORE, A. J.	Absorption and Desorption of Ammonia in a Coke-Packed Column. (Correction, 1194).....	1362	TURNER, H. G., AND SINKINSON, ERIC.	Adsorption of Carbon Dioxide by Coal.....	169	
SHIVE, R. A., BUSWELL, A. M., AND GREENFIELD, R. E.	Chemical Characteristics of Some Trade Wastes.....	896	TURNER, W. A.	Apparatus for Wet Ashing.....	602	
SHOAFF, P. S.	Internal Mixers for Rubber Stocks.....	602	TURRENTINE, J. W.	Potash. (Book Review).....	630	
SIEPER, F.	Die Beseitigung des Überschüssigen Belebten Schlammes bei der Abwasserreinigung. (Book Review).....	1104	UNDERWOOD, J. E.	Apparatus for Direct Determination of Carbon Dioxide.....	1069	
SILBERMANN, HENR.	Hilfsapparate für den Farber und Koloristen. (Book Review).....	107	VAN DER HAAR, A. W.	Anleitung zum Nachweis, zur Trennung und Bestimmung der Monosaccharide und Aldehydsäuren. (Book Review).....	657	
Maschinen zum Bedrucken von Textilstoffen. II—Garndruck, Zengdruck, und Tapetendruck. (Book Review).....	858	VAN ROSSEM, A., AND DEKKER, P.	Chemical Research on Raw Rubber at Netherland Government Rubber Institute. Raw Rubber Symposium.....	1152		
SILVERMAN, ALEXANDER.	Fifty Years of Glass-Making.....	1216	VAN VLECK, J. H.	Quantum Principles and Line Spectra. (Book Review).....	767	
SINKINSON, ERIC, AND TURNER, H. G.	Adsorption of Carbon Dioxide by Coal.....	1242	VERWIEBE, ALMA, AND HOYT, L. F.	Determination of Concentration of Liquid Soaps by Immersion Refractometer.....	581	
SLOSSON, E. E.	Importance of Rubber in Modern Civilization. Raw Rubber Symposium.....	691	VESPER, H. G.	Laboratory Distillation Analysis of Petroleum. With Special Reference to Southern California Crude Oils.....	64	
SERMONS, OF Chemist.	(Book Review).....	570	VILBRANDT, F. C.	Oil-Bearing Shales in North Carolina.....	793	
SMITH, D. T., AND DEDLOW, C.	Determination of Moisture in Meat Extract.....	104	AND BYRD, R. M.	Fire-Point Carbon Test. (<i>See</i> Marley, <i>et al</i> , and Adkins, 1094).....	699	
SMITH, G. F.	Modified Weight Buret.....	272	VOLWILER, E. H.	Medicinal and Dyes. Dye Symposium.....	1336	
SMITH, M. P., AND SCHUETTE, H. A.	Isopropanol as Substitute for Ethanol. III—Determination of Acid Numbers.....	865	VON WEIMARN, P. P.	Dispersoidological Investigations—IV and V. (Book Review).....	437	
SMITH, O. M., AND WOOD, R. E.	Inhibiting Agents in Oxidation of Unsaturated Organic Compounds.....	482	VIILLEUMIER, E. A.	Dickinson Alchometer.....	261	
SNOODY, A. O., AND RICHARDSON, A. S.	Heterogeneous Catalysis. III—Hydrogenation of Cottonseed Oil with Platinum.....	1137	WAIT, J. F.	Enclosed Continuous Filter.....	295	
SNOW, C. L., AND FREHAFER, M. K.	Tables and Graphs for Facilitating the Computation of Spectral Energy Distribution by Planck's Formula. (Book Review).....	418	WAKSMAN, S. A., AND DAVISON, W. C.	Enzymes: Properties, Distribution, Methods and Application. (Book Review).....	1360	
SNYDER, HARRY, AND SULLIVAN, BETTY.	Determination of Moisture in Wheat and Flour—IV.....	877	WALES, H.	Choice of Indicators for Alkaloidal Titrations.....	390	
SOMMER, H. H., AND YOUNG, D. M.	Effect of Milk Salts on Whipping Ability of Ice Cream Mixes.....	1126	WALKER, MARK, AND MARVIN, C. J.	Determination of Strength of Liquid Hydrocyanic Acid by Specific Gravity.....	139	
SPARROW, S. W., AND EISINGER, J. O.	Lubrication Data from Cooperative Fuel Research. Lubrication Symposium.....	276	WALL, E. J.	History of Three-Color Photography. (Book Review).....	107	
SPEAR, E. B.	Alternative Materials for Rubber. Principles of Tread Wear and Resistance to Abrasion. Raw Rubber Symposium.....	104	WALTON, D. C., AND KNIGHT, H. C.	Deflagration Products of Smokeless Powder. Analytical and Physiological Study.....	287	
AND MOORE, R. L.	High and Low Stiffening Carbon Blacks.....	1318	WANG, H. Y., WHITMAN, W. G., AND LONG, LOUIS, JR.	Absorption of Gases by a Liquid Drop.....	363	
SPELLER, F. N.	Corrosion: Causes and Prevention. An Engineering Problem. (Book Review).....	215	VAUCLER, J. A.	Properties of Synthetic Polymers. (Book Review).....	1137	
SPENCE, DAVID.	Chemistry of Guayule. Raw Rubber Symposium.....	418	WILCOX, J. C.	Properties of Synthetic Polymers. (Book Review).....	1138	
SPERRY, D. R.	New Method of Conducting Filtration Tests.....	877	WILLIAMS, R. K.	Properties of Synthetic Polymers. (Book Review).....	1139	
SPROXTON, F.	Cellulose Ester Varnishes. (Book Review).....	1276	WILSON, J. C.	Properties of Synthetic Polymers. (Book Review).....	1140	
STAFFORD, O. F.	Wood as Gas-Making Material.....	104	WILSON, J. C.	Properties of Synthetic Polymers. (Book Review).....	1141	
STANDARDS, BUREAU OF.	National Directory of Commodity Specifications. (Book Review).....	1318	WILSON, J. C.	Properties of Synthetic Polymers. (Book Review).....	1142	
STAUDINGER, HERMAN, WITH BRUSON, H. A.	"Cyclopentadiene Rubber." A New Cyclic Synthetic Polymerization Product.....	215	WILSON, J. C.	Properties of Synthetic Polymers. (Book Review).....	1143	

WASHBURN, E. W.	International Critical Tables of Numerical Data, Physics, Chemistry, and Technology—Vol. I. (Book Review).	654	
WATERMAN, R. E., AND HONAN, E. M.	Rapid Evaluation of Baked Japan Finishes.	1066	
WATKINS, H. R., AND PALKIN, S.	Suitability of Chloroform for Alkaloidal Assay.	867	
WATSON, H. E.	Chemical Industries in India.	748	
WATSON, W. N., AND PENNING, C. H.	Indigo and the World's Dye Trade.	1309	
WAYNE, T. B.	Influence of Absorption Spectra of Technical Sugar Products on Decolorizing Efficiency of Bone Char.	847	
WAYNE, W. P., AND MOOR, W. C.	Treatment of Packing-House Sewage.	239	
WEATHERBY, L. S., AND CHESNY, H. H.	New Reagent and Standard for Borax.	820	
WEBER, G. A.	The Bureau of Standards. Its History, Activities, and Organization. (Book Review).	216	
WEBER, H. C., AND HERSHEY, R. L.	Some Practical Applications of Lewis Filtration Equation.	341	
AND NILSSON, K. T.	Absorption of Gases in Milk of Lime—I.	1070	
WEBER, L. E.	Antioxidants and Their Retarding Action in Deterioration of Rubber.	963	
	Chemistry of Rubber Manufacture. (Book Review).	765	
	Is Commercial Synthetic Rubber Probable? (See Berkeley, 652)	404	
WEBRE, A. L., AND ROBINSON, C. S.	Evaporation. (Book Review)	875	
(Correction, 936)		98	
WEIDLEIN, E. R.	Administration of Industrial Research.	1174	
WEIL, RICHARD	Synthetic Rubber.	324	
WEISER, H. S., AND HOLMES, H. N.	Colloid Symposium Monograph. Vol. III. (Book Review).	627	
WELCH, I. M., APPEL, W. D., AND BRODE, W. R.	Standardization of Agalma Black 10B.	104	
WELLS, A. A., AND ELLIS, CARLETON.	Chemical Action of Ultra-Violet Rays. (Book Review).	1245	
WENTZ, GRAHAM, AND LONG, J. S.	Rate of Molecular Weight Increase in Boiling of Linseed and China Wood Oils.	767	
WENTZEL, FRITZ.	Die Photographisch-chemische Industrie. (Book Review).	965	
WERTHAN, S., AND NELSON, H. A.	Traffic Paint.	938	
WESSION DAVID.	The Cotton Seed and Its Products.	899	
WESTON, R. S.	Water Supply and Sewerage during the Past Fifty Years.	43	
WHATMOUGH, W. A.	Equilibrium Boiling Points.	609	
	Relation between Fuel Deposition Temperature and Equilibrium Boiling Point.	1168	
WHITEY, G. S., AND GREENBERG, H.	Significance of Resin of Hevea Rubber in Vulcanization and in Aging of Raw Rubber. Raw Rubber Symposium.	1113	
WHITFORD, H. N.	Possibilities of Wild and Plantation Rubber Production in Tropical America and Africa. Raw Rubber Symposium.	533	
WHITMAN, W. G., AND CHAPPELL, E. L.	Corrosion of Steels in the Atmosphere.	264	
AND DAVIS, G. H. B.	Comparison of Gas Absorption and Rectification.	118	
	Hydration of Lime.	795	
AND FORTSCH, A. R.	Specific Heats of Oils.	363	
LONG, LOUIS, JR., AND WANG, H. Y.	Absorption of Gases by a Liquid Drop.	986	
AND RUSSELL, R. P.	Factors Influencing Corrosion of Iron Pipes. (See Baylis, 370).	872	
WHITMORE, F. C.	Charles Loring Jackson. (American Contemporaries).	605	
WHITTON, L. C.	Oil Extraction in Theory and Practice.	1361	
WHITTAKER, C. M.	Dyeing with Coal-Tar Dyestuffs. Principles Involved and Methods Employed. (Book Review).	649	
WICKENDEN, LEONARD.	Decolorizing Carbons. (See Blowski and Bon, 32).	1157	
WIEGAND, W. B.	Optimum Cure Criteria in Vulcanized Rubber. Raw Rubber Symposium.	325	
WILEY, H. W.	Principles and Practice of Agricultural Analysis. Vol. I—Soils. (Book Review).	486	
WILHARM, W. C.	Role of Oiliness in Industrial Lubrication. Lubrication Symposium.	1178	
WILKIN, R. E., AND WILSON, R. E.	Principles Underlying the Use of Equilibrium Oils for Automotive Engines. Lubrication Symposium.	361	
WILLARD, F. W.	Problem of Secondary Metals in World Affairs.	144	
WILLIAMS, H. E.	A Foam Meter.	1279	
WILLIAMS, IRA.	Oxidation of Rubber Exposed to Light.	481	
WILLIAMS, J. F.	Rapid Determination of Alcohol in Distilled Spirits and of Color in Whisky.	934	
WILSON, H. E., AND BRADLEY, M. J.	Lubricants for Ground-Glass Joints.	1279	
WILSON, J. A.	Destructive Action of Sulfuric and Hydrochloric Acids upon Leathers. Tanning 1876–1926.	47	
AND BEAR, A. W.	Effect of Vegetable Tanning upon Combination of Collagen with Acid.	312	
AND KERN, E. J.	Effect of Splitting on Tensile Strength of Leather. AND MERRILL, H. B.	Another Important Role Played by Enzymes in Bating.	185
WILSON, J. B., AND SALE, J. W.	Evaluation of Commercial Vanilla Oleoresins.	283	
WILSON, OTTO.	Advance of Rayon.	829	
	American Trade in Paints, Varnishes, and Raw Materials.	703	
	Fertilizer Trade Developments.	401	
	Gases in Commerce and Industry.	1273	
	Our Foreign Trade in Chemicals in 1925.	267	
WILSON, R. E.	Lubrication Symposium. Introduction.	452	
AND SCHNETZLER, H. G.	Effect of Pressure and Temperature on Total Volume of Partially Vaporized Midcontinent Crude.	523	
AND WILKIN, R. E.	Principles Underlying Use of Equilibrium Oils for Automotive Engines. Lubrication Symposium.	486	
WILSON, S. P.	Pyrroxylon Enamels and Lacquers. (Book Review).	217	
WINKELMANN, H. A.	Present and Future of Reclaimed Rubber. Raw Rubber Symposium.	1163	
WOOD, A. E., GREENE, A. R., AND PROVINE, R. W.	Desulfurizing Effects of Sodium Hypochlorite on Naphtha Solutions of Organic Sulfur Compounds.	823	
SHEELY, CLYDE, AND TRUSTY, A. W.	Action of Petroleum Refining Agents on Naphtha Solutions of Pure Organic Sulfur Compounds.	169	
WOOD, H. R., AND MORELL, R. S.	Chemistry of Drying Oils. (Book Review).	217	
WOOD, R. E., AND SMITH, O. M.	Inhibiting Agents in Oxidation of Unsaturated Organic Compounds.	691	
WRIGHT, D. D., GLANCY, W. E., AND OON, K. H.	Rate of Combination of Sulfur with Rubber in Hard Rubber.	73	
WRIGHT, J. S.	Eli Lilly and Company. (American Chemical Industries).	979	
YANT, W. P.	Apparatus for Preparing Vapor-Air Mixtures of Constant Composition. Correction. [See THIS JOURNAL, 17, 692 (1925)].	874	
YARDLEY, J. L. McK.	Power for Chemical Plants.	505	
YEE, J. Y. BRAHAM, J. M., SHERMAN, M. S., AND GUERNSEY, E. W.	Some Factors Affecting Fixation of Nitrogen as Sodium Cyanide.	243	
KRASE, H. J., AND THOMPSON, J. G.	Fixation of Nitrogen as Aluminum Nitride.	1287	
YOST, D. M., AND BONNER, W. D.	Examination of Some Methods for Determination of Sulfites and of Ferrous Iron.	55	
YOUNG, D. M., AND SOMMER, H. H.	Effect of Milk Salts on Whipping Ability of Ice Cream Mixes.	865	
YOUNG, H. C., HENDRICKS, S. B., AND BACOT, A. M.	Relative Toxicity of the Arsenates of Calcium.	50	
ZÄNKER, W., AND RETTBERG, H.	Erkennung und Prüfung von Färbungen. (Book Review).	217	
ZEITFUCHS, E. H.	Specific Heats, Heats of Vaporization, and Critical Temperatures of California Petroleum Oils.	79	
ZIMMERMAN, A. O., AND DINSMORE, R. P.	Effect of Accelerators on Cure and Quality of Various Rubbers.	144	