

GUIDE TO JOURNAL ABBREVIATIONS²

BASIC ABBREVIATIONS

Ann. Conf.	Annual Conference.
Ann. Conv.	Annual Convention.
Ann. Meet.	Annual Meeting.
Bull.	Bulletin.
Conf.	Conference.
Conv.	Convention.
Jour.	Journal.
Proc.	Proceedings.
Rept.	Report.
Trans.	Transactions.

PUBLICATION ABBREVIATIONS

Acad. Polit. Sci.	Academy of Political Science.
ACHEMA	Ausstellungs-Tagung für Chemischer Apparatewesen.
Acoustical Soc. America	Acoustical Society of America.
Acta Cryst.	Acta Crystallographica.
Advances in Chem. Ser.	Advances in Chemistry Series.
AEC	Atomic Energy Commission.
AEC Divisions and Publications:	
Oak Ridge, Tenn., Tech. Inf. Service Extension.	Oak Ridge, Tenn., Technical Information Service Extension.
Semiann. Rept.	Semiannual Report.
Tech. Paper	Technical Paper.
Aeronaut. Ind. Sec., — Nat. Safety Cong. and Exposition.	Aeronautical Industrial Section, — National Safety Congress and Exposition.
AGA	See Am. Gas Assoc.
AGARD (NATO)	Advisory Group for Aeronautical Research and Development (North Atlantic Treaty Organization).
AICE	American Institute of Chemical Engineers.
AICHE	See AICE.
AICHE-SPE Joint Symp., — Nat. Meeting	American Institute of Chemical Engineers-Society of Plastic Engineers Joint Symposium, — National Meeting.
AIEE	American Institute of Electrical Engineers.
AIME	Founded in 1871 as the American Institute of Mining Engineers; name changed in 1919 to American Institute of Mining and Metallurgical Engineers; name changed in 1950 to American Institute of Mining, Metallurgical, and Petroleum Engineers.
AIME Divisions and Publications:	
Ann. Joint Meet. Rocky Mt. Petroleum Secs.	Annual Joint Meeting of the Rocky Mountain Petroleum Sections.
Arizona Sec.	Arizona Section.
Blast Furnace and Raw Materials Com.	Blast Furnace and Raw Materials Committee.
Blast Furnace, Coke Oven and Raw Materials Conf.	Blast Furnace, Coke Oven, and Raw Materials Conference.
Bull.	Bulletin.
Coal Div.	Coal Division.
Coal Technol.	Coal Technology.
Committee on Bituminous Res. Planning	Committee on Bituminous Research Planning.
Electric Furnace Steel Proc.	Electric Furnace Steel Proceedings.
Geophys.	Geophysics.
Ind. Mat. and Rocks	Industrial Materials and Rocks.
Ind. Metals Div.	Industrial Metals Division.
Ind. Min. and Rocks	Industrial Minerals and Rocks.
Ind. Min. Div.	Industrial Minerals Division.
Ind. Min. Div. (Nonmetallics)	Industrial Minerals Division (Nonmetallics).
Ind. Min. (Nonmetallics)	Industrial Minerals (Nonmetallics).
Inst. Metals Div.	Institute of Metals Division.
Iron and Steel Div.	Iron and Steel Division.
Jour. Metals	Journal of Metals.
Jour. Petrol. Technol.	Journal of Petroleum Technology.

²In this key to the abbreviations used in this Bibliography, publications appearing as the Journals, Proceedings, Transactions, etc., of various organizations may be traced by referring to the list of Basic Abbreviations for the initial word involved (Jour., Proc., Trans., etc.) and to the Publication Abbreviations list for the organization. Other publications are listed alphabetically according to the first word of the abbreviated version used in the main part of the Bibliography.

AIME Divisions and Publications—Continued

Met. Soc.	Metallurgical Society.
Metal Min. and Mill. Meth.	Metal Mining and Milling Methods.
Metal Min. and Min. Geol.	Metal Mining and Mining Geology.
Metal Min. and Nonmetallic Minerals	Metal Mining and Nonmetallic Minerals.
Metal Min. Technol.	Metal Mining Technology.
Metals Div.	Metals Division.
Metals Technol.	Metals Technology.
Mill. Methods	Milling Methods.
Min.	Mining.
Min. and Met.	Mining and Metallurgy.
Min. Branch	Mining Branch.
Min. Geol.	Mining Geology.
Min. Technol.	Mining Technology.
Min. Technol. Series	Mining Technology Series.
Min. Trans.	Mining Transactions.
Open-Hearth Conf.	Open-Hearth Conference.
Petrol. Devel. and Technol.	Petroleum Development and Technology.
Petrol. Div.	Petroleum Division.
Petrol. Trans.	Petroleum Transactions.
Prepr.	Preprint.
Proc. Metals Div.	Proceedings of the Institute of Metals Division.
Reduc. and Refin. Nonfer. Metals	Reduction and Refining of Nonferrous Metals.
Tech. Paper	Technical Paper.
Tech. Pub.	Technological Publication.
Trans.	Transactions.
Air Pollution Assoc.	Air Pollution Association.
AISI Yearbook	American Iron and Steel Institute Yearbook.
Alabama Geol. Survey Bull.	Alabama Geological Survey Bulletin.
All-Ohio Safety Cong.	All-Ohio Safety Congress.
Am. Assoc. Petrol. Geol.	See Am. Assoc. Petrol. Geologists.
Am. Assoc. Petrol. Geologists	American Association of Petroleum Geologists.
Am. Brass Founders' Assoc.	American Brass Founders' Association.
Am. Ceram. Soc.	American Ceramic Society.
Am. Ceram. Soc. Bull.	American Ceramic Society Bulletin.
Am. Chem. Eng., preprint	American Chemical Engineering, preprint.
Am. Chem. Soc.	American Chemical Society.
Am. Chem. Soc. Divisions and Publications:	
Div. Gas and Fuel Chem.	Division of Gas and Fuel Chemistry.
Div. Ind. Eng. Chem.	Division of Industrial Engineering Chemistry, 110th Meeting Abstract.
Div. Petrol. Chem., Gen. Papers	Division of Petroleum Chemistry, General Papers.
Div. Petrol. Chem., Preprints	Division of Petroleum Chemistry, Preprints.
Meet., Gas and Fuel Div.	Meeting, Gas and Fuel Division.
News ed.	News edition.
Petrol. Div. Meet.	Petroleum Division Meeting.
Am. City	American City.
Am. Coal Jour.	American Coal Journal.
Am. Doc. Inst.	American Documentation Institute.
Am. Econ. Rev.	American Economic Review.
Am. Electrochem. Soc.	American Electrochemical Society.
Am. Electrochem. Soc. Pub.	American Electrochemical Society Publication.
Am. Eng. Coun.	American Engineering Council.
Am. Fert.	American Fertilizer.
Am. Fert. Handbook	American Fertilizer Handbook.
Am. Foundrymen's Assoc.	American Foundrymen's Association.
Am. Gas Assoc.	American Gas Association.
Am. Gas Assoc. Divisions and Publications:	
Ann. Accident Prev. Conf.	Annual Accident Prevention Conference.
Ann. Conv.	Annual Convention.
Ann. Conv. of Operating Sec.	Annual Convention of the Operating Section.
Gas Supply, Transmission, and Storage Conf.	Gas Supply, Transmission, and Storage Conference.
Nat. Gas Dept.	Natural Gas Department.
Nat. Gas Sec.	Natural Gas Section.
PAR Rept.	PAR Report. (PAR=Promotion, Advertising, Research.)
Proj.	Project.
Research and Utilization Conf.	Research and Utilization Conference.
Tech. Sec.	Technical Section.
Tech. Sec. Com. on Gas Purification	Technical Section, Committee on Gas Purification.
Tech. Sessions	Technical Sessions.
Am. Gas Eng. Jour.	American Gas Engineering Journal (Name changed to American Gas Journal in March 1921).
Am. Gas Inst.	American Gas Institute (before 1918) (After June 1918, combined with American Gas Association).

Am. Gas Inst., Interim Research Rept.	American Gas Institute, Interim Research Report.
Am. Gas Jour.	American Gas Journal.
Am. Geophys. Union.	American Geophysical Union.
Am. Geophys. Union, Nat. Res. Council.	American Geophysical Union, National Research Council.
Am. Ind. Hyg. Assoc.	American Industrial Hygiene Association.
Am. Ind. Hyg. Assoc. Quart.	American Industrial Hygiene Association Quarterly.
Am. Ind. Hyg. Jour.	American Industrial Hygiene Journal.
Am. Inst. Chem. Eng.	See AICE.
Am. Inst. Elec. Eng.	See AIEE.
Am. Inst. Phys.	American Institute of Physics.
Am. Inst. Radio Eng.	American Institute of Radio Engineers.
Am. Iron and Steel Inst.	American Iron and Steel Institute.
Am. Jour. Botany.	American Journal of Botany.
Am. Jour. Hygiene.	American Journal of Hygiene.
Am. Jour. Phys.	American Journal of Physics.
Am. Jour. Physiol.	American Journal of Physiology.
Am. Jour. Pub. Health.	American Journal of Public Health.
Am. Jour. Roentgenology and Radium Therapy.	American Journal of Roentgenology and Radium Therapy.
Am. Jour. Sci.	American Journal of Science.
Am. Mach.	American Machinist.
Am. Mangan. Prod. Assoc.	American Manganese Producers' Association.
Am. Math. Monthly.	American Mathematical Monthly.
Am. Metal Market.	American Metal Market.
Am. Min. Cong.	American Mining Congress.
Am. Mine Safety Assoc.	American Mine Safety Association.
Am. Mineral.	American Mineralogist (Journal of the Mineralogical Society of America).
Am. Oil Chemists Soc.	American Oil Chemists' Society.
Am. Petrol. Inst.	See API.
Am. Phil. Soc.	American Philosophical Society.
Am. Phys. Soc.	American Physical Society.
Am. Power Conf.	American Power Conference.
Am. Power Conf., Illinois Inst. of Technol.	American Power Conference, Illinois Institute of Technology (Chicago, Ill.).
Am. Pub. Health Assoc.	American Public Health Association.
Am. Refractories Inst. Bull.	American Refractories Institute Bulletin.
Am. Refractories Inst. Tech. Bull.	American Refractories Institute Technical Bulletin.
Am. Rocket Soc. Jour.	American Rocket Society Journal.
Am. Roofer.	American Roofer and Siding Contractor.
Am. Ry. Assoc. Bull.	American Railway Association Bulletin.
Am. Ry. Devel. Assoc.	American Railway Development Association.
Am. Soc. Anesthesiologists News Letter.	American Society of Anesthesiologists News Letter.
Am. Soc. Heat. and Vent. Eng.	American Society of Heating and Ventilating Engineers.
Am. Soc. Metals.	American Society for Metals.
Am. Soc. Metals Prepr.	American Society for Metals Preprint.
Am. Soc. Naval Eng.	American Society of Naval Engineers.
Am. Soc. Safety Eng.	American Society of Safety Engineers.
Am. Soc. Steel Treat.	American Society for Steel Treating (after January 1934, name changed to Transactions of the American Society for Metals).
Am. Standards Assoc.	American Standards Association.
Am. Stat. Assoc.	American Statistical Association.
Am. Tech. Soc., Chicago Ill.	American Technical Society, Chicago, Ill.
Am. Water Works Assoc.	American Water Works Association.
Am. Weld. Soc.	American Welding Society.
Am. Year Book.	American Year Book.
Am. Zinc Inst.	American Zinc Institute.
AMA.	American Medical Association.
AMA Arch. Ind. Hyg.	American Medical Association, Archives of Industrial Hygiene.
AMA Arch. Ind. Hyg. and Occupat. Med.	American Medical Association, Archives of Industrial Hygiene and Occupational Medicine.
Anal. Chem.	Analytical Chemistry.
Anal. Chim. Acta.	Analytica Chimica Acta.
Anal. — Congr. panamer. Ing., minas y geol., Santiago, Chile.	Anales — Congreso Panamericano de Ingenieria de Minas y Geologia, Santiago, Chile.
Anes. and Analges.	Anesthesia and Analgesia, Current Researches in.
Ann. Accident Prev. Conf., AGA.	Annual Accident Prevention Conference, American Gas Association.
Ann. Am. Acad. Polit. and Soc. Sci.	Annals of the American Academy of Political and Social Science.
Ann. Am. Acad. Sci.	Annals of the American Academy of Science.
Ann. Anth. Conf.	Annual Anthracite Conference, Lehigh University.
Ann. Conf., Administration Research.	Annual Conference on Administration Research.
Ann. Conf. West. Pennsylvania Safety Coun. and Am. Soc. of Safety Eng.	Annual Conference and Exhibit of the Western Pennsylvania Safety Council and American Society of Safety Engineers.
Ann. de mines de Belgique, Brussels.	See Ann. mines Belgique.

Ann. des Mines.....	Annales des mines et des carburants (Recueil de mémoires et de documents sur l'exploitation des mines et sur l'industrie des carburants).
Ann. Joint Meet. Rocky Mt. Petroleum Secs., AIME.....	See AIME, Ann. Joint Meet. Rocky Mt. Petroleum Secs.
Ann. mines Belgique.....	Annales des mines de Belgique, Brussels.
Ann. New York Acad. Sci.....	Annals of the New York Academy of Sciences.
Ann. Northwest Fire School.....	Annual Northwest Fire School.
Ann. N.W. Fertilizer Conf.....	Annual North-West Fertilizer Conference.
Ann. Rept., Director of the Mint.....	Annual Report, Director of the Mint.
Ann. Rept., Min. Ind. Idaho.....	Annual Report, Mining Industry of Idaho.
Ann. Rev. of Phys. Chem.....	Annual Review of Physical Chemistry.
Ann. Safety Cong.....	Annual Safety Congress.
Ann. Safety Cong., cement sec.....	Annual Safety Congress, Cement Section.
Ann. Survey Am. Chem.....	Annual Survey of American Chemistry.
Ann. Tech. Inst. Buildings and Public Works, Paris, France.....	Annals of the Technical Institute of Buildings and Public Works, Paris, France.
Ann. Tech. Seminar, Assoc. State Planning and Development Agencies.....	Annual Technical Seminar, Association of State Planning and Development Agencies.
Ann. Water Conf., Eng. Soc. West. Pennsylvania.....	Annual Water Conference, Engineers' Society of Western Pennsylvania.
Ann. Wyoming Min. Assoc. Conv.....	Annual Wyoming Mining Association Convention.
Annals Am. Acad. Pol. and Soc. Sci.....	See Ann. Am. Acad. Polit. and Soc. Sci.
Annual Survey of Am. Chem.....	See Ann. Survey Am. Chem.
Anthracite Conf., Pennsylvania State University.....	Anthracite Conference, Pennsylvania State University.
APCA News.....	APCA News (Air Pollution Control Association).
APCA Proc.....	Air Pollution Control Association Proceedings.
API.....	American Petroleum Institute.
API Divisions and Publications:	
Bull.....	Bulletin.
Div. of Production.....	Division of Production.
Div. of Ref.....	Division of Refining.
Production Bull.....	Production Bulletin.
Appl. Hydraulics.....	Applied Hydraulics.
Appl. Hydraulics and Pneumatics.....	Applied Hydraulics and Pneumatics.
Appl. Spectroscopy.....	Applied Spectroscopy.
Arch. Biochem. and Biophys.....	Archives of Biochemistry and Biophysics.
Arch. Internal Medicine.....	Archives of Internal Medicine.
Arizona Bureau of Mines Bull.....	Arizona Bureau of Mines Bulletin.
Arizona Min. Jour.....	Arizona Mining Journal.
Arizona Sec., AIME.....	Arizona Section, American Institute of Mining and Metallurgical Engineers.
Armed Forces Chem. Jour.....	Armed Forces Chemical Journal.
Armed Forces Ind. College.....	Armed Forces Industrial College.
ARS Jour.....	See Am. Rocket Soc. Journal.
ASM.....	See Am. Soc. Metals.
ASME.....	American Society of Mechanical Engineers.
ASME Divisions and Publications:	
Prepr.....	Preprint.
Process Ind. Div., Conf. Paper.....	Process Industries Division, Conference Paper.
Spec. Pub.....	Special Publication.
Tech. Paper.....	Technical Paper.
Tech. Pub.....	Technical Publication.
Trans.....	Transactions.
ASSE.....	See Am. Soc. Safety Eng.
Assoc. Am. Railroads.....	Association of American Railroads.
Assoc. Am. Railroads, Research Center.....	Association of American Railroads, Research Center.
Assoc. Am. State Geol.....	Association of American State Geologists.
Assoc. Asphalt Pav. Technol.....	Association of Asphalt Paving Technologists.
ASTM.....	American Society for Testing Materials.
ASTM Divisions and Publications:	
Bull.....	Bulletin.
Diesel-Fuel Symposium, Spec. Tech. Pub.....	Diesel-Fuel Symposium, Special Technical Publication.
Methods for Emission Spectrochem. Anal.....	Methods for Emission Spectrochemical Analysis.
Spec. Tech. Pub.....	Special Technical Publication.
Tech. Pub.....	Technical Publication.
Atlantic Medical Jour.....	The Atlantic Medical Journal.
Australasian Inst. of Mining and Metallurgy.....	Australasian Institute of Mining and Metallurgy.
Auto. Ind.....	See Automotive Ind.
Automotive Ind.....	Automotive Industries.
Bienn. Briquetting Conf., Internat. Briquetting Assoc.....	Biennial Briquetting Conference, International Briquetting Association.
Biennial Briquetting Conf., Univ. of Wyo., Nat. Resources Research Inst., Inf. Circ.....	Biennial Briquetting Conference, University of Wyoming, Natural Resources Research Institute, Information Circular.

Big Sand-Elkhorn Coal Min. Inst., Pikeville, Ky.	Big Sand-Elkhorn Coal Mining Institute, Pikeville, Ky.
Blast	The Blast.
Blast Furn. and St. Plant	Blast Furnace and Steel Plant.
Blast Furnace, Coke Oven and Raw Materials Proc.	Blast Furnace, Coke Oven, and Raw Materials Proceedings.
Blast Furnace, Coke Oven and Raw Materials Committee, AIME	Blast Furnace, Coke Oven, and Raw Materials Committee, American Institute of Mining and Metallurgical Engineers.
Blast Furnace, Coke Oven and Raw Materials Conf., AIME	Blast Furnace, Coke Oven, and Raw Materials Conference, American Institute of Mining and Metallurgical Engineers.
Brazil Dept. Nat. Prod. Miner., Bol.	Brazil Departamento Nacional da Producao Mineral, Boletim.
Brennstoff-Chem.	Brennstoff-Chemie.
Brick and Clay Rec.	Brick and Clay Record.
Brit. Ceram. Soc.	British Ceramic Society.
Brookings Inst.	Brookings Institution.
Bureau of Mines Met. Div., Conf. Met. Res.	Bureau of Mines Metallurgical Division, Conference on Metallurgical Research.
Bureau of Standards Circ.	Bureau of Standards Circular.
California Dept. Nat. Resources	California Department of Natural Resources.
California Eng.	California Engineer.
California Jour. Development, California State Chamber of Commerce	California Journal of Development, California State Chamber of Commerce.
California Jour. Mines and Geol.	California Journal of Mines and Geology.
Canada Dept. Mines, Mines Branch Bull.	Canada, Department of Mines, Mines Branch Bulletin.
Canadian Chem. and Met.	Canadian Chemistry and Metallurgy.
Canadian Chem. and Proc. Ind.	Canadian Chemistry and Process Industries.
Canadian Chem. Jour.	Canadian Chemical Journal (Name changed to Canadian Chemistry and Metallurgy in January 1938).
Canadian Dept. of Mines and Tech. Surveys, Mines Branch Rept.	Canada, Department of Mines and Technical Surveys, Mines Branch Report.
Canadian Inst. Min. and Met.	Canadian Institute of Mining and Metallurgy.
Canadian Inst. Min. and Met. Eng.	Canadian Institute of Mining and Metallurgical Engineers.
Canadian Jour. Res.	Canadian Journal of Research.
Canadian Metals and Met. Ind.	Canadian Metals and Metallurgy Industries.
Canadian Min. and Met.	See Canadian Min. and Met. Bull.
Canadian Min. and Met. Bull.	Canadian Mining and Metallurgical Bulletin.
Canadian Min. Jour.	Canadian Mining Journal.
Carnegie Inst. Technol.	Carnegie Institute of Technology.
Carnegie Inst. Technol. Divisions and Publications:	
Bull.	Bulletin.
Coal Mining Investigations Bull.	Coal Mining Investigations Bulletin.
Coal Res. Lab.	Coal Research Laboratory.
Cement and Lime Mfr.	Cement and Lime Manufacture (England).
Ceram. Age	Ceramic Age.
Ceram. Bull.	Ceramics Bulletin.
Ceram. Ind.	Ceramic Industry.
Ceramist.	The Ceramist.
Chem. Abs.	Chemical Abstracts.
Chem. Age	Chemical Age.
Chem. and Eng. Data Ser.	Chemical and Engineering Data Series.
Chem. and Ind.	Chemistry and Industry.
Chem. and Ind. (London)	Chemistry and Industry (London).
Chem. Bull. (Chicago)	The Chemical Bulletin (Chicago).
Chem. Eng.	Chemical Engineering with Chemical & Metallurgical Engineering (Formerly Chemical & Metallurgical Engineering).
Chem. Eng. Cong., World Power Conf.	Chemical Engineers' Congress, World Power Conference.
Chem. Eng. Data	See Chem. and Eng. Data Ser.
Chem. Eng. Min. Rev.	Chemical Engineering and Mining Review.
Chem. Eng. News.	Chemical and Engineering News.
Chem. Eng. Process Design Notebook	Chemical Engineering Process Design Notebook.
Chem. Eng. Prog.	Chemical Engineering Progress.
Chem. in Ind.	Chemistry in Industry.
Chem. Ind.	Chemische Industrie.
Chem. Met. Eng.	Chemical and Metallurgical Engineering.
Chem., Metal., and Min. Soc. South Africa	Chemical, Metallurgical, and Mining Society of South Africa.
Chem. News	The Chemical News and Journal of Physical Science (Name changed July 1921 to The Chemical News and Journal of Industrial Science).
Chem. Rev.	Chemical Reviews.
Chem. Zentralb.	Chemisches Zentralblatt (Germany).
City Manager Mag.	City Manager Magazine.
Coal	Coal (Published monthly by Utah Fuel Co. and Calumet Fuel Co.).
Coal Age, ann. rev. no.	Coal Age, annual review number.

Coal and Coal Trade Jour.....	Coal and Coal Trade Journal.
Coal and Coke Operator and the Fuel Mag.....	Coal and Coke Operator and the Fuel Magazine.
Coal-Briquetting Conference, University of Wyoming, Natural Resources Research Inst., Inf. Circ.	Coal-Briquetting Conference, University of Wyoming, Natural Resources Research Institute, Information Circular.
Coal Conf., Missouri Sch. Mines and Met.....	Coal Conference, Missouri School of Mines and Metallurgy.
Coal Div.....	Coal Division (American Institute of Mining and Metallurgical Engineers).
Coal Herald-Stoker and Air Cond.....	Coal Herald-Stoker and Air Conditioner.
Coal Ind.....	Coal Industry.
Coal Min.....	Coal Mining.
Coal Min. Inst. America.....	Coal Mining Institute of America.
Coal Mine Inspectors' Inst. America.....	Coal Mine Inspectors' Institute of America.
Coal Res. Conf., Carnegie Inst. Technol.....	Coal Research Conference, Carnegie Institute of Technology.
Coal Research, Inc.....	Coal Research, Incorporated, Centalla, Wash.
Coal Rev.....	Coal Review.
Coal Technol.....	Coal Technology.
Coal Trade Bull.....	Coal Trade Bulletin.
Coal Trade Jour.....	Coal Trade Journal.
Coke and Smokeless-Fuel Age.....	Coke and Smokeless-Fuel Age (England).
Coke Smokeless-Fuel Age.....	See Coke and Smokeless-Fuel Age.
Coll. Eng.....	Colliery Engineering (England).
Coll. Guard.....	Colliery Guardian (England).
Colloid Chem.....	Colloid Chemistry.
Colorado Min. Assoc.....	Colorado Mining Association.
Colorado Min. Assoc. Yearbook.....	Colorado Mining Association Yearbook.
Colorado Min. Res. Bd.....	Colorado Mineral Resources Board.
Colorado Min. Yearbook.....	Colorado Mining Yearbook.
Colorado Sch. Mines Mag.....	Colorado School of Mines Magazine.
Colorado Sch. Mines Quart.....	Colorado School of Mines Quarterly.
Colorado Soc. Eng.....	Colorado Society of Engineers.
Com. and Fin. Chr.....	Commercial and Financial Chronicle.
Commercial Stand. Monthly.....	Commercial Standards Monthly.
Committee on Bituminous Res. Planning, AIME.	See AIME, Committee on Bituminous Res. Planning.
Comp. Gas Mfrs. Assoc.....	Compressed Gas Manufacturers Association.
Compt. rend.....	Comptes rendus hebdomadaires des séances de l'académie des sciences.
Concrete, Cement-Mill ed.....	Concrete, Cement-Mill Edition.
Concrete, Cement-Mill Sec.....	Concrete, Cement-Mill Section.
Conf. on Carbon.....	Conference on Carbon, University of Buffalo.
Conf. on Origin and Constitution of Coal, Nova Scotia Dept. of Mines and Nova Scotia Research Foundation (date); Proc. Nova Scotia Dept of Mines.	Conference on the Origin and Constitution of Coal, Nova Scotia Department of Mines and Nova Scotia Research Foundation (date); Proceedings of the Nova Scotia Department of Mines.
Conf. Thorium, 1956.....	Conference on Thorium, 1956.
Cong. geol. intern.....	Congreso geológico internacional.
Cong. internat. de chauffage industriel thermique et thermodynamique appliquées.	Congrès international de chauffage industriel thermique et thermodynamique appliquées.
Cong. mondial pétrole, Paris.....	Congress mondial du pétrole, —me Congres, (city) (date) (in five sections—Section 2, Phys. Chim. Raffinage). See also Proc. World Petrol. Cong.
Consolidated Eng. Corp. Recordings.....	Consolidated Engineering Corporation Recordings.
Consult. Eng.....	Consulting Engineer.
Contr. and Eng. Monthly.....	Contracting and Engineering Monthly.
Coop. Min. Series Bull. Illinois State Geol. Survey.	Cooperative Mining Series Bulletin, Illinois State Geological Survey.
Coop. Min. Ser., Univ. of Illinois Eng. Exp. Sta.	Cooperative Mining Series, University of Illinois Engineering Experiment Station.
Cost Eng.....	Cost Engineering.
Crushed Stone Jour.....	Crushed Stone Journal.
Daily Metal Reporter's Monthly Suppl.....	Daily Metal Reporter's Monthly Supplement.
Denver Fire Clay Co. Bull.....	Denver Fire Clay Company Bulletin.
Diesel Fuel Conf., Bureau of Mines.....	Diesel Fuel Conference, Bureau of Mines.
Diesel Prog.....	Diesel Progress.
Div. of Ref., Proc. API.....	Division of Refining, Proceedings, American Petroleum Institute.
Domestic Eng.....	Domestic Engineering.
Drill. Contr.....	Drilling Contractor.
East. Underwriter.....	Eastern Underwriter.
Econ. Geol.....	Economic Geology.
Econ. World.....	Economic World.
Elec. Eng.....	Electrical Engineering.
Elec. Jour.....	The Electrical Journal.
Elec. Rev. West. Elec.....	Electrical Review and Western Electrician (Chicago) (Name changed to Electrical Review (Chicago) in 1917).

Elec. World.....	Electrical World.
Electrochem. Soc.....	Electrochemical Society.
Electronics (Eng. Ed.).....	Electronics (Engineering Edition).
Empire State Gas and Elec. Assoc.....	Empire State Gas and Electric Association.
Encyclopedia of Chem. Technol., Interscience Encyclopedia, Inc.	Encyclopedia of Chemical Technology, Interscience Encyclopedia, Inc.
Eng. and Contr.....	Engineering and Contracting.
Eng. and Min. Jour. Press.....	See Eng. Min. Jour.-Press.
Eng. and Min. World.....	See Eng. Min. World.
Eng. Bull.....	Engineering Bulletin.
Eng. Contr.....	Engineering and Contracting.
Eng. Inst. Canada.....	Engineering Institute of Canada.
Eng. Min. Jour.....	Engineering and Mining Journal.
Eng. Min. Jour., ann. rev. no.....	Engineering and Mining Journal, Annual Review Number.
Eng. Min. Jour.-Press.....	Engineering and Mining Journal-Press.
Eng. Min. World.....	Engineering and Mining World.
Eng. News.....	Engineering News.
Eng. News-Rec.....	Engineering News-Record.
Eng. Soc. West. Pennsylvania.....	Engineers' Society of Western Pennsylvania.
Eng. Soc. West. Pennsylvania, Proc. — Ann. Water Conf.	Engineers' Society of Western Pennsylvania, Proceedings — Annual Water Conference.
Eng. Soc. West. Pennsylvania, Steel Works Sec.	Engineers' Society of Western Pennsylvania, Steel Works Section.
Engineer.....	Engineer (London).
European Conv. of Chem. Eng.....	European Convention of Chemical Engineers.
Excavating Eng.....	Excavating Engineer.
Explosives Eng.....	Explosives Engineer.
Factory Man. and Maint.....	Factory Management and Maintenance.
Far East. Rev.....	Far Eastern Review.
Faraday Soc.....	Faraday Society.
Fed. Power Comm.....	Federal Power Commission.
Fed. Sci. Prog.....	Federal Science Progress.
FIAT.....	Field Information Agency, Technical Report.
Fire Res. Correlation Conf.....	Fire Research Correlation Conference.
Fire Research — Correlation Conf. (date). Nat. Acad. of Sciences—Nat. Res. Comm- on.	Fire Research — Correlation Conference (date). National Acad- emy of Sciences of the United States of America—National Re- search Council.
Firemen (Nat. Fire Protect. Assoc.).....	Firemen (National Fire Protection Association).
For. Com. Weekly.....	Foreign Commerce Weekly.
Forest Products Res. Soc.....	Forest Products Research Society.
Foundry Tr. Jour.....	Foundry Trade Journal (England).
Franklin Inst.....	Franklin Institute.
Fuel.....	Fuel in Science and Practice (England).
Fuel Abs.....	Great Britain Department of Science and Industrial Research, Fuel Research Station, Fuel Abstracts.
Fuel and Power Conf., Univ. of North Dakota.....	Fuel and Power Conference, University of North Dakota.
Fuel Conf.....	Fuel Conference.
Fuel Conf., World Power Conf.....	Fuel Conference, World Power Conference.
Fuel Econ.....	Fuel Economist.
Fuel Eng.....	Fuel Engineering.
Fuel Eng., Appalachian Coals, Inc.....	Fuel Engineering, Appalachian Coals, Inc.
Fuel Eng. Conf., Appalachian Coals, Inc.....	Fuel Engineering Conference, Appalachian Coals, Inc.
Fuel Eng. Conf., Appalachian Coals, Inc., Fuel Eng. Div.	Fuel Engineering Conference, Appalachian Coals, Inc., Fuel Engi- neering Division.
Fuel Eng. Conf. Coal Bureau, Upper Monon- gahela Valley Assoc.	Fuel Engineering Conference, Coal Bureau, Upper Monongahela Valley Association.
Fuel in Sci. and Practice.....	See Fuel.
Fuels Util. Inst. Univ. Michigan.....	Fuels Utilization Institute, University of Michigan.
Fuel Merchant's Bull.....	Fuel Merchant's Bulletin, Fuel Merchant's Association of New Jersey.
Gas Abs.....	Gas Abstracts.
Gas Age.....	Gas Age (With vol. 48, No. 4, August 1921, name changed to Gas Age-Record).
Gas Age-Rec.....	Gas Age-Record.
Gas Dynam. Symposium Aerothermochem.....	Gas Dynamics Symposium on Aerothermochemistry.
Gas Jour.....	Gas Journal (Former name to vol. 137, Journal of Gas Lighting and Water Supply).
Gas Oil Power.....	Gas and Oil Power.
Gen. Elec. Rev.....	General Electric Review.
Geol. Rev.....	Geological Review.
Geol. Soc. America.....	Geological Society of America.
Geol. Survey of Ohio, Bull.....	Geological Survey of Ohio, Bulletin.
Georgia Div. Conserv., Dept. Mines, Min. and Geol.	Georgia State Division of Conservation, Department of Mines, Min- ing and Geology.

Gilbert B. L. Smith Memorial Conf. on Explosives Sensitivity, Naval Ordnance Lab., White Oak, Md.	Gilbert B. L. Smith Memorial Conference on Explosives Sensitivity, Naval Ordnance Laboratory, White Oak, Md.
Glass Ind.	Glass Industry.
Glückauf.	Glückauf berg- und hüttenmännische Zeitschrift.
Handbook Chem. Eng.	Handbook of Chemical Engineering.
Harvard Bus. Rev.	Harvard Business Review.
Heat. and Vent.	Heating and Ventilation.
Heat. and Vent., ref. sec.	Heating and Ventilation, Reference Section.
Heat. Pip. and Air Cond.	Heating, Piping, and Air Conditioning.
Heat. Pip. and Vent.	Heating, Piping, and Ventilation.
IBM Appl. Sci. Dept. Tech. Newsletter.	International Business Machines Applied Science Department Technical Newsletter.
Illinois Coal Min. Inst.	Illinois Coal Mining Institute.
Illinois Gas Assoc.	Illinois Gas Association.
Illinois Geol. Survey Bull.	Illinois State Geological Survey Bulletin.
Illinois State Geol. Survey Bull.	See Illinois Geol. Survey Bull.
Illinois State Geol. Survey Rept. of Investigations.	Illinois State Geological Survey Report of Investigations.
Illinois Min. Inst.	Illinois Mining Institute.
Illuminating Eng. Soc.	Illuminating Engineering Society.
Ind. and Power.	Industry and Power.
Ind. Australasian Min. Standard.	Industrial Australasian and Mining Standard.
Ind. Coll. Armed Forces.	Industrial College of Armed Forces.
Ind. Diamond Rev.	Industrial Diamond Review.
Ind. Eng.	Industrial Engineering.
Ind. Eng. Chem.	Industrial and Engineering Chemistry.
Ind. Eng. Chem. Special Editions:	
Anal. ed.	Analytical Edition.
Ind. ed.	Industrial Edition.
News ed.	News Edition.
Ind. Expl. Soc. Japan.	Industrial Explosives Society of Japan.
Ind. Gas.	Industrial Gas.
Ind. Heat.	Industrial Heating.
Ind. Heat Rev.	Industrial Heat Review.
Ind. Hyg. and Toxicol.	Industrial Hygiene and Toxicology.
Ind. Hyg. Sec., Am. Pub. Health Assoc.	Industrial Hygiene Section, American Public Health Association.
Ind. Min. and Rocks.	Industrial Minerals and Rocks.
Ind. Protec. Inst.	Industrial Protection Institute.
Ind. Rev. of Africa, Atomics and Energy.	Industrial Review of Africa, Atomics and Energy.
Ind. Safety.	Industrial Safety.
Ind. Stand.	Industrial Standardization and Commercial Standards.
Independent Oil Men's Assoc.	Independent Oil Men's Association.
India-Rubber Jour.	India-Rubber Journal.
Industrial Computation Seminar.	Industrial Computation Seminar, September 1950.
Ing. e Ind.	Ingeniería e Industria.
Inst. Chem. Eng.	Institute of Chemical Engineers.
Inst. Fuel.	Institute of Fuel.
Inst. Fuel (England).	Institute of Fuel (England).
Inst. Mech. Eng.	Institute of Mechanical Engineers.
Inst. Metals.	Institute of Metals and Metallurgical Abstracts.
Inst. Metals Div.	Institute of Metals Division (American Institute of Mining and Metallurgical Engineers).
Inst. Min. Eng.	Institute of Petroleum (London).
Inst. Petrol.	Institut de Recherches de la Siderurgie.
Inst. Recherch. Siderurgie.	Institution of Mining Engineers (London).
Inter. Acetylene Assoc.	International Acetylene Association.
Interdept. Comm. on Air Pollution.	Interdepartmental Committee on Air Pollution.
Internat. Assoc. Ind. Accidents Boards and Commissions.	International Association of Industrial Accidents Boards and Commissions.
Internat. Assoc. Test. Mats.	International Association for Testing Materials.
Internat. Bit. Coal Conf.	International Bituminous Coal Conference.
Internat. Brewers Cong.	International Brewers Congress.
Internat. Chem. Eng. and Proc. Ind.	International Chemical Engineering and Processing Industry.
Internat. Coal-Preparation Cong.	International Coal-Preparation Congress.
Internat. Committee for Coal Petrology.	International Committee for Coal Petrology.
Internat. Conf. Bit. Coal.	International Conference on Bituminous Coal.
Internat. Conf., Directors of Mine Safety Research.	International Conference, Directors of Mine Safety Research.
Internat. Conf. Directors of Safety in Mines Research.	International Conference of Directors of Safety in Mines Research, Buxton, England.
Internat. Conf. on Bit. Coal, Carnegie Inst. Technol.	International Conference on Bituminous Coal, Carnegie Institute of Technology.
Internat. Conf. on Coordination Chemistry.	International Conference on Coordination Chemistry.

Internat. Conf. on the Underground Gasifica- tion of Coal.	International Conference on the Underground Gasification of Coal.
Internat. Cong. Appl. Chem.	International Congress of Applied Chemistry.
Internat. Cong. of New Internat. Assoc. for Test. Mats.	International Congress of the New International Association for Testing Materials.
Internat. Cong. Test. Mat.	International Congress for Testing Materials.
Internat. Geophys. Year, Mon., Am. Geophys. Union.	International Geophysical Year, Monography, American Geophys- ical Union.
Internat. Labor Org.	International Labor Organization.
Internat. Min. Cong.	International Mining Congress.
Internat. Min. Dressing Conf.	International Mineral Dressing Conference.
Internat. Mineral Dressing Cong.	International Mineral Dressing Congress.
Internat. Oil Mag.	International Oil Magazine.
Internat. Railway Fuel Assoc.	International Railway Fuel Association.
Internat. Symp. on Reactivity of Solids.	International Symposium on the Reactivity of Solids.
Internat. Symposium on Combustion.	International Symposium on Combustion.
Internat. Symposium on Combustion, Flame and Explosion Phenomena.	International Symposium on Combustion, Flame and Explosion Phenomena.
Interstate Oil Compact Quart. Bull.	Interstate Oil Compact Quarterly Bulletin.
I.R.E.	Institute of Radio Engineers.
Iron and Coal Trades Rev.	See Iron Coal Trades Rev.
Iron and Steel Eng.	Iron and Steel Engineer.
Iron and Steel Inst.	Iron and Steel Institute.
Iron and Steel Inst. Yearbook.	Iron and Steel Institute Yearbook.
Iron and Steel Technol.	Iron and Steel Technology.
Iron Coal Trades Rev.	Iron and Coal Trades Review (England).
Iron Trade Rev.	Iron Trade Review.
Joint Conf. of Inst. Mech. Eng. and ASME on Combustion.	Joint Conference of Institution of Mechanical Engineers and Ameri- can Society of Mechanical Engineers on Combustion.
Joplin Globe, min. ann.	Joplin (Mo.) Globe, Mining Annual.
Joplin Globe, min. ed.	Joplin (Mo.) Globe, Mining Edition.
Jour. Am. Gas Light.	Journal of American Gas Light.
Jour. Appl. Chem.	Journal of Applied Chemistry.
Jour. Appl. Mechanics.	Journal of Applied Mechanics.
Jour. Appl. Phys.	Journal of Applied Physics.
Jour. Bacteriology.	Journal of Bacteriology.
Jour. Biol. Chem.	The Journal of Biological Chemistry.
Jour. Chem. and Eng. Data.	Journal of Chemical and Engineering Data.
Jour. Chem. Ed.	Journal of Chemical Education.
Jour. Chem. Eng. Data.	See Jour. Chem. and Eng. Data.
Jour. Chem. Phys.	The Journal of Chemical Physics.
Jour. Colloid Sci.	Journal of Colloid Science.
Jour. Commerce.	Journal of Commerce and Commercial Bulletin.
Jour. Elec. Power and Gas.	Journal of Electrical Power and Gas.
Jour. Eng. Power.	Journal of Engineering for Power.
Jour. Gen. Microbiol.	Journal of General Microbiology.
Jour. Gen. Psychol.	Journal of General Psychology.
Jour. Geol.	Journal of Geology.
Jour. Ind. Eng. Chem.	Journal of Industrial and Engineering Chemistry.
Jour. Ind. Eng. Chem., anal. ed.	Journal of Industrial and Engineering Chemistry, Analytical Edition.
Jour. Ind. Hyg.	Journal of Industrial Hygiene.
Jour. Ind. Hyg. and Toxicol.	Journal of Industrial Hygiene and Toxicology.
Jour. Metals.	Journal of Metals.
Jour. Metals (Trans. Sec.)	Journal of Metals (Transactions Section).
Jour. Org. Chem.	Journal of Organic Chemistry.
Jour. Paleontology.	Journal of Paleontology.
Jour. Personnel Research.	Journal of Personnel Research.
Jour. Petrol. Technol.	Journal of Petroleum Technology.
Jour. Phys. and Coll. Chem.	See Jour. Phys. Coll. Chem.
Jour. Phys. Chem.	The Journal of Physical Chemistry.
Jour. Phys. Coll. Chem.	Journal of Physical and Colloid Chemistry.
Jour. Sci. Instr.	Journal of Scientific Instruments.
Jour. Sewage and Ind. Wastes.	Journal of Sewage and Industrial Wastes.
Journ. méc. des roches.	Journées de la mécanique des roches.
Kent's Mech. Eng. Handbook.	Kent's Mechanical Engineers' Handbook.
Kentucky Min. Inst.	Kentucky Mining Institute.
Kentucky River Min. Inst., Hazard, Ky.	Kentucky River Mining Institute, Hazard, Ky.
La Riv. Combustib.	La Rivista del Combustibili.
Lake Superior Min. Sec., Nat. Safety Council.	See Nat. Safety Council, Lake Superior Min. Sec.
Limited Internat. Conf. of Directors of Safety in Mines Research, Verneuil, France.	The Limited International Conference of Directors of Safety in Mines Research, Verneuil, France.
Locomotive Inst.	Locomotive Institute.
Louisiana Conservation Rev.	Louisiana Conservation Review.

Lub. Eng.	Lubrication Engineering.
Lub. World.	Lubrication World.
Mach. Market.	Machinery Market.
Magnesium Assoc.	Magnesium Association.
Magnetism and Atmos. Elec.	Magnetism and Atmospheric Electricity.
Manuf. Rec.	Manufacturers' Record.
Marks' Mech. Eng. Handbook.	Marks' Mechanical Engineers' Handbook.
Mat. and Meth.	Materials and Methods.
Mech. Eng.	Mechanical Engineering.
Mech. Handling.	Mechanical Handling and Conveying.
Mech. World.	Mechanical World.
Mech. World and Eng. Rec.	Mechanical World and Engineering Record.
Met. Chem. Eng.	Metallurgical and Chemical Engineering.
Met. Min. and Mill. Methods.	Metal Mining and Milling Methods (American Institute of Mining and Metallurgical Engineers).
Metal Abs.	Metal Abstracts.
Metal Ind.	The Metal Industry (London).
Metal Ind. (London)	See Metal Ind.
Metal, Mineral and Mineral Fuel Review for 1958, State Geologists Jour.	Metal, Mineral and Mineral Fuel Review for 1958, State Geologists' Journal.
Metal, Min. Min. Fuel Rev.	See Metal, Mineral and Mineral Fuel Review.
Metal Prog.	Metal Progress.
Metals Technol.	Metals Technology (American Institute of Mining and Metallurgical Engineers).
Mfrs. Rec.	Manufacturers' Record.
Mid-Continent Oil and Gas Assoc. Year-Book.	Mid-Continent Oil and Gas Association Year-Book.
Midwest Eng.	Midwest Engineer.
Midwest Power Conf.	Midwest Power Conference.
Midwestern Conf. on Fluid Mechanics, Ohio State Univ. Eng. Exp. Sta.	Midwestern Conference on Fluid Mechanics, Ohio State University Engineering Experiment Station.
Military Eng.	Military Engineer.
Min. and Contr. Rev.	Mining and Contracting Review.
Min. and Contract. Rev.	See Min. and Contr. Rev.
Min. and Eng. Jour.	Mining and Engineering Journal.
Min. and Eng. World.	Mining and Engineering World (Incorporated with Engineering and Mining Journal in 1917).
Min. and Ind. Mag. South Africa.	Mining and Industrial Magazine of Southern Africa.
Min. and Met.	Mining and Metallurgy.
Min. and Met. Soc. America.	Mining and Metallurgical Society of America.
Min. and Sci. Press.	Mining and Scientific Press (Combined in April 1922 with Engineering and Mining Journal to form Engineering and Mining Journal-Press).
Min. Cong. Jour.	Mining Congress Journal.
Min. Cong. Jour., Ann. Rev. and Forecast.	Mining Congress Journal, Annual Review and Forecast.
Min. Eng.	Mining Engineering.
Min. Eng. Handbook.	Mining Engineers' Handbook.
Min. Eng., Tech. Pub.	Mining Engineering, Technical Publication.
Min. Eng. Trans.	Mining Engineering Transactions.
Min. Eng. World.	See Min. and Eng. World.
Min. Ind.	Mineral Industry.
Min. Jour.	Mining Journal.
Min. Jour. (Ariz.)	Mining Journal (Phoenix, Ariz.).
Min. Jour. (London)	Mining Journal (London).
Min. Mag.	Mining Magazine (London).
Min. Met. Soc. America.	Mining and Metallurgical Society of America.
Min. Rev.	Mining Review.
Min. Rev. (Salt Lake City)	The Mining Review (Salt Lake City).
Min. Sci.	Mining Science.
Min. Sci. Press.	See Min. and Sci. Press.
Min. Soc. Nova Scotia.	Mining Society of Nova Scotia.
Min. Technol.	Mining Technology (American Institute of Mining and Metallurgical Engineers).
Min. Technol. Series.	Mining Technology Series (American Institute of Mining and Metallurgical Engineers).
Min. Trans. AIME.	See AIME, Min. Trans.
Min. Truth.	Mining Truth.
Min. World.	Mining World.
Min. World, Mine Development and Directory No.	Mining World, Mine Development and Directory Number.
Mine and Quarry Eng.	Mine and Quarry Engineering (England).
Mine Insp. Inst. America.	Mine Inspectors' Institute of America.
Mine Inspectors Inst. America.	See Mine Insp. Inst. America.
Mine Safety Assoc.	Mine Safety Association.
Mine Safety Conf.	Mine Safety Conference, Lake Superior Mining Section, National Safety Council, Duluth, Minn., 1948.

Mineral Ind.	Mineral Industries.
Mines Mag.	The Mines Magazine.
Mines Mag. (Colorado)	Mines Magazine (Colorado).
Mines Mag. (Colorado), petrol. no.	Mines Magazine (Colorado), Petroleum Number.
Mining Truth (Convention No.)	Mining Truth (Convention Number).
Minn. Fed. Arch. and Eng. Soc.	Minnesota Federation of Architectural and Engineering Societies.
Missouri Labor Rev.	Missouri Labor Review.
Missouri Sch. Mines.	Missouri School of Mines.
Missouri Sch. Mines Alumnus.	Missouri School of Mines Alumnus.
Missouri Sch. Mines and Met.	Missouri School of Mines and Metallurgy.
Missouri Sch. Mines and Met. Divisions and Publications:	
Ann. Symp. on Mining Research.	Annual Symposium on Mining Research.
Quart. Bull.	Quarterly Bulletin.
Symposium on Mining Research, Bull., Tech. Series.	Symposium on Mining Research, Bulletin, Technical Series.
Mod. Metals.	Modern Metals.
Mod. Min.	Modern Mining.
Mod. Power and Eng.	Modern Power and Engineering in Canada.
Monthly Labor Rev.	Monthly Labor Review.
Monthly Proc. Railway Club of Pittsburgh.	Monthly Proceedings, Railway Club of Pittsburgh.
Mountain States Miner. Age.	Mountain States Mineral Age.
Nat. Acad. Sci.	National Academy of Sciences of the United States of America.
Nat. Acad. Sci. Nat. Research Council.	National Academy of Sciences of the United States of America. National Research Council.
Nat. Assoc. Chem. Eng.	National Association of Chemical Engineers.
Nat. Assoc. Purch. Agents.	National Association of Purchasing Agents.
Nat. Bureau of Standards Handbook.	National Bureau of Standards Handbook.
Nat. Coal Assoc.	National Coal Association.
Nat. Coal Pubs.	National Coal Publications.
Nat. Conf. Air Pollution, 1958, U.S. Pub. Health Service.	National Conference on Air Pollution, 1958, U.S. Public Health Service.
Nat. Conf. Clays, Clay Minerals.	National Conference on Clays and Clay Minerals.
Nat. Crushed Stone Assoc.	National Crushed Stone Association.
Nat. Crushed Stone Assoc. Conv.	National Crushed Stone Association Convention, Detroit, Jan. 20, 1927.
Nat. Dist. Heat. Assoc.	National District Heating Association.
Nat. Elec. Light Assoc.	National Electric Light Association.
Nat. Encyclopedia.	National Encyclopedia.
Nat. Eng.	National Engineer.
Nat. Fire Protect. Assoc.	National Fire Protection Association.
Nat. Fire Protect. Assoc. Quart.	National Fire Protection Association Quarterly.
Nat. Gas.	Natural Gas.
Nat. Gas Assoc. America.	Natural Gas Association of America.
Nat. Gas Gasoline Jour.	Natural Gas Gasoline Journal.
Nat. Gas Jour.	Natural Gas Journal.
Nat. Gasoline Assoc. America.	Natural Gasoline Association of America.
Nat. Lime Assoc.	National Lime Association.
Nat. Metals Handbook, Am. Soc. Steel Treating.	National Metals Handbook, American Society for Steel Treating.
Nat. Museum.	National Museum.
Nat. Paint Bull.	National Paint Bulletin.
Nat. Petrol. News.	National Petroleum News.
Nat. Ready Mixed Concrete Assoc. Misc. Pub.	National Ready Mixed Concrete Association Miscellaneous Publication.
Nat. Res. Council.	National Research Council.
Nat. Res. Council Pub.	National Research Council Publication.
Nat. Res. Planning Board.	National Resources Planning Board.
Nat. Res. Planning Board Divisions and Publications:	
Energy Res. Com.	Energy Resources Committee.
Energy Res. Com., Tech. Paper.	Energy Resources Committee, Technical Paper.
Tech. Paper.	Technical Paper.
Nat. Resources Committee.	National Resources Committee.
Nat. Safety Cong.	National Safety Congress.
Nat. Safety Cong., Coal Mining Sec.	National Safety Congress, Coal Mining Section.
Nat. Safety Cong., Ind. Safety.	National Safety Congress, Industrial Safety.
Nat. Safety Council.	National Safety Council.
Nat. Safety Council, Gen. and Ind. Sess.	National Safety Council, General and Industrial Sessions.
Nat. Safety Council, Lake Superior Min. Sec.	National Safety Council, Lake Superior Mining Section.
Nat. Safety News.	National Safety News.
Nat. Sand and Gravel Assoc.	National Sand and Gravel Association.
Nat. Sand and Gravel Bull.	National Sand and Gravel Bulletin.
Nat. West. Min. Conf.	National Western Mining Conference.

Nature.....	Nature (London).
New England Assoc. of Fire Chiefs.....	New England Association of Fire Chiefs.
New England Gas Assoc.....	New England Gas Association.
New Mexico Bur. Mines and Min. Res. Bull.....	New Mexico Bureau of Mines and Mineral Resources, Bulletin.
New Mexico Sch. Mines, State Bur. Mines and Min. Res.....	New Mexico School of Mines, State Bureau of Mines and Mineral Resources.
New York Fire Chiefs' Man.—Proc. Ann. Meeting New York State Assoc. of Fire Chiefs.....	New York State Fire Chiefs' Manual—Proceedings of the Annual Meeting of the New York State Association of Fire Chiefs.
New York State Assoc. Fire Chiefs.....	New York State Association of Fire Chiefs.
New York State Bridge and Tunnel Com.....	New York (State) Bridge and Tunnel Commission.
New York State Med. Jour.....	New York State Medical Journal.
New York Univ. Manual, Fire Prevention and Protection.....	New York University Manual, Fire Prevention and Protection.
North Am. Gasoline Tax Conf.....	North American Gasoline Tax Conference.
North Dakota Acad. Sci.....	North Dakota Academy of Science.
North Texas Oil and Gas Assoc. Cooperative Rept.....	North Texas Oil and Gas Association Cooperative Report.
Northwest Min.....	Northwest Mining.
Nova Scotia Dept. of Mines, Halifax.....	Nova Scotia Department of Mines, Halifax.
Off. Gaz.....	Official Gazette.
Off. of Naval Research, Dept. of Navy.....	Office of Naval Research, Department of the Navy.
Off. Proc. Master Boilermakers' Assoc.....	Official Proceedings, Master Boilermakers' Association.
Ohio State Univ. Eng. Exp. Sta. Bull.....	Ohio State University Engineering Experiment Station Bulletin.
Ohio State Univ. Eng. Exp. Sta. News.....	Ohio State University Engineering Experiment Station News.
Oil and Gas Jour.....	See Oil Gas Jour.
Oil Bull.....	Oil Bulletin.
Oil Bull. (London).....	Oil Bulletin (London).
Oil Equip. Digest.....	Oil Equipment Digest.
Oil Field Eng.....	Oil Field Engineering.
Oil Gas Jour.....	The Oil and Gas Journal.
Oil Paint and Drug Rept.....	Oil, Paint and Drug Reporter.
Oil Paint and Drug Rept., petrol. sec.....	Oil, Paint and Drug Reporter, Petroleum Section.
Oil Rep.....	Oil Reporter.
Oil Trade Jour.....	Oil Trade Journal.
Oklahoma Acad. Sci.....	Oklahoma Academy of Science.
Oklahoma Dept. of Labor, Bureau of Factory Insp. Bull.....	Oklahoma Department of Labor, Bureau of Factory Inspection Bulletin.
Oklahoma Geol. Notes.....	Oklahoma Geology Notes.
Oklahoma Geol. Survey Circ.....	Oklahoma Geological Survey Circular.
Oklahoma Geol. Survey Min. Rept.....	Oklahoma Geological Survey Mineral Report.
Oklahoma State Med. Assoc.....	Oklahoma State Medical Association.
Open-Hearth Proc.....	Open-Hearth Proceedings.
Opt. Soc. America.....	Optical Society of America.
Oregon Dept. Geol. and Min. Ind.....	Oregon State Department of Geology and Mineral Industries.
Org. Chem.....	Organic Chemistry.
Org. Syn.....	Organic Syntheses.
Pac. Min. News.....	Pacific Mining News.
Pac. Safety Eng.....	Pacific Safety Engineer.
Pacific Sci. Cong., Pacific Sci. Assoc.....	Pacific Scientific Congress, Pacific Scientific Association.
Paint, Oil and Chem. Rev.....	Paint, Oil, and Chemical Review (Formerly Paint, Oil, and Drug Review).
Paper Trade Jour.....	Paper Trade Journal.
Pan Am. Inst. Min. Eng. and Geol., U.S. Sec., Tech. Paper.....	Pan American Institute of Mining Engineering and Geology, U.S. Section, Technical Paper.
Pan American Sci. Cong. (Washington).....	Pan American Scientific Congress (Washington).
Panhandle Plains Hist. Rev.....	Panhandle Plains Historical Review (Panhandle Plains Historical Society, Canyon, Tex.).
Pennsylvania Dept. of Labor and Industry.....	Pennsylvania Department of Labor and Industry.
Pennsylvania Geol. Survey.....	Pennsylvania Geological Survey.
Pennsylvania Geol. Survey Publications:	
Bull.....	Bulletin.
Circ.....	Circular.
Inf. Circ.....	Information Circular.
Pennsylvania Min. Ind. Conf. (Coal Sec.).....	Pennsylvania Mineral Industries Conference (Coal Section).
Pennsylvania State Coll., Eng. Exp. Sta. Bull.....	Pennsylvania State College, Engineering Experiment Station Bulletin.
Pennsylvania State Coll., Min. Ind. Exp. Sta. Bull.....	Pennsylvania State College, Mineral Industries Experiment Station Bulletin.
Pennsylvania State Coll., Min. Ind. Exp. Sta. Tech. Paper.....	Pennsylvania State College, Mineral Industries Experiment Station Technical Paper.
Pennsylvania State College, Mineral Industries Exp. Sta. Bull.....	See Pennsylvania State Coll., Min. Ind. Exp. Sta. Bull.
Pennsylvania State Univ.....	Pennsylvania State University.

Pennsylvania State Univ. Mineral Industries Exp. Sta. Bull.	Pennsylvania State University, Mineral Industries Experiment Station Bulletin.
Pennsylvania Topographic and Geologic Survey Bull.	Pennsylvania Topographic and Geologic Survey Bulletin.
Pennsylvania Topographic and Geologic Survey Inf. Circ.	Pennsylvania Topographic and Geologic Survey Information Circular.
Petrol. Age	Petroleum Age.
Petrol. Ann.	Petroleum Annual.
Petrol. Devel. and Technol.	Petroleum Development and Technology (American Institute of Mining and Metallurgical Engineers).
Petrol. Eng.	The Petroleum Engineer.
Petrol. Eng., Drilling and Producing ed.	The Petroleum Engineer, Drilling and Producing Edition.
Petrol. Eng. Handbook	The Petroleum Engineer, Handbook.
Petrol. Ind. Safety Standards, State of Oklahoma.	Petroleum Industry Safety Standards, State of Oklahoma.
Petrol. News	Petroleum News.
Petrol. Processing	Petroleum Processing.
Petrol. Refiner	Petroleum Refiner.
Petrol. Rev.	Petroleum Review.
Petrol. Sec., — Nat. Safety Cong.	Petroleum Section, — National Safety Congress.
Petrol. Technol.	Petroleum Technology.
Petrol. Times	Petroleum Times.
Petrol. Times (London)	Petroleum Times (London).
Petrol. Week	Petroleum Week.
Petrol. World	Petroleum World (Los Angeles) (Combined with Oil Age in February 1929 to form Petroleum World and Oil Age. Name changed back to Petroleum World in November 1930).
Petroleum Investigations	Petroleum Investigations (Hearings before a special subcommittee on petroleum investigations of the Committee on Interstate and Foreign Commerce, House of Representatives, 73d Cong. (recess), on H.R. 441, 1934).
Phil. Mag.	Philosophical Magazine and Journal of Science, The London, Edinburgh and Dublin.
Phys. Chem.	Physical Chemistry.
Phys. Rev.	The Physical Review.
Phys. Training	Physical Training.
Pipeline Eng.	Pipeline Engineer.
Pit and Quarry, Eng. No.	Pit and Quarry, Engineering Number.
Popular Sci. Monthly	Popular Science Monthly.
Potomac States Plumb. and Heat. Inst.	Potomac States Plumbing and Heating Institute.
Power Eng.	Power Engineering.
Power Ind.	Power Industry.
Power Plant Eng.	Power Plant Engineering.
Preliminary Rept. by Coal Div. Committee on Roof Action, Min. Cong. Jour.	A Preliminary Report by the Coal Division Committee on Roof Action, Mining Congress Journal.
Product Eng.	Product Engineering.
Prof. Eng.	Professional Engineer.
Prof. Mem., Corps of Eng., U.S.A., and Eng. Dept. at Large.	Professional Memoirs, Corps of Engineers, U.S.A., and Engineer Department at Large.
Pub. Health Repts.	Public Health Reports.
Pub. Health Service Bull.	Public Health Service Bulletin.
Quarry Managers Jour.	Quarry Managers Journal.
Quart. Appl. Mathematics	Quarterly of Applied Mathematics.
Quart. Pubs., Am. Stat. Assoc.	Quarterly Publications, American Statistical Association.
Quart. Trans. Soc. Auto. Eng.	See Soc. Auto. Eng., Quart. Trans.
Queensland Govt. Min. Jour.	Queensland Government Mining Journal.
Reading RR. Mag.	Reading Railroad Magazine.
Rec. trav. chim.	Revue des travaux chimiques des Pays-Bas.
Refiner and Nat. Gasoline Mfr.	Refiner and Natural Gasoline Manufacturer (Now Petroleum Refiner).
Refining Eng.	Refining Engineer.
Refrig. Eng.	Refrigerating Engineering.
Rept. of Energy Resources Committee to Nat. Resources Committee.	Report of Energy Resources Committee to National Resources Committee.
Res. of Tennessee	Resources of Tennessee.
Rev. Col. Ing. Venezuela	Revista, Colegio de Ingenieros de Venezuela.
Rev. gen. chim.	Revue générale de chimie pure et appliquée.
Rev. ind. min.	Revue de l'industrie minière.
Rev. ind. min., Coal Prep., spec. issue.	Revue de l'industrie minière, Coal Preparation, special issue.
Rev. Ind. Minér.	See Rev. ind. min.
Rev. Inst. Franc. pétrole et Annales des combustibles liquides.	Revue de l'Institut Français du pétrole et Annales des combustibles liquides.
Rev. met.	Revue de métallurgie.
Rev. Sci. Instr.	Review of Scientific Instruments.

Rev. tech. luxembourg.....	Revue technique luxembourgeoise.
Rock Products, Ann. Rev. No.....	Rock Products, Annual Review Number.
Rocky Mountain Coal Min. Inst.....	See Rocky Mt. Coal Min. Inst.
Rocky Mt. Assoc. Geologists.....	Rocky Mountain Association of Geologists.
Rocky Mt. Coal Min. Inst.....	Rocky Mountain Coal Mining Institute.
Rocky Mt. Oil Reporter.....	Rocky Mountain Oil Reporter.
Rolling Mill Jour.....	Rolling Mill Journal.
Rose Technic.....	The Rose Technic (Publication of Rose Polytechnic Institute, Terre Haute, Ind.).
Roy. Soc. Arts (London).....	Royal Society of Arts (London).
Roy. Soc. (London).....	Royal Society (London).
Ry. Age.....	Railway Age.
Ry. Club Pittsburgh Mag.....	Railway Club of Pittsburgh Magazine.
Ry. Mech. Eng.....	Railway Mechanical Engineer.
Safety Eng.....	Safety Engineering.
Safety in Mines Research Board.....	Safety in Mines Research Board (London).
Salt Lake Min. Rev.....	Salt Lake Mining Review.
Saward's Jour.....	Saward's Journal.
Sci. Am.....	Scientific American.
Sci. Am. Monthly.....	Scientific American Monthly.
Sci. and Invention.....	Science and Invention.
Sci. Comp. Forum, Internat. Bus. Mach. Corp.....	Scientific Computation Forum, International Business Machines Corporation.
Sci. Coun.....	The Science Counselor.
Sci. Counselor, Duquesne Univ. Press.....	The Science Counselor, Duquesne University Press.
Sci. Monthly.....	The Scientific Monthly.
Sci. News Letter.....	Science News Letter.
Sci. Petrol.....	Science of Petroleum (Oxford University Press, London).
Science Ind. (Australia).....	Science and Industry (Australia. Council for Scientific and Industrial Research).
Seminar on Sci. Comp., Internat. Bus. Mach. Corp.....	Seminar on Scientific Computation, International Business Machines Corporation.
Sewage Works Jour.....	Sewage Works Journal.
Shale Rev.....	Shale Review.
Sibley Jour. (Eng.).....	Sibley Journal (England).
Skilling's Min. Rev.....	Skilling's Mining Review.
Smithsonian Inst. Rept.....	Smithsonian Institution Report.
Smoke-Abatement Jour.....	The Smoke-Abatement Journal.
Smoke Prev. Assoc. America.....	Smoke Prevention Association of America.
Soc. Am. Bacteriology, Bacteriological Proc., — Gen. Meeting, Detroit, Mich.....	Society of American Bacteriology, Bacteriological Proceedings, — General Meeting, Detroit, Mich.
Soc. Auto. Eng.....	Society of Automotive Engineers.
Soc. Auto. Eng., Quart. Trans.....	Society of Automotive Engineers, Quarterly Transactions.
Soc. Chem. Ind.....	Society of the Chemical Industry.
Soc. Sci. Res. Council.....	Social Science Research Council.
Solid Fuel Eng.....	Solid Fuel Engineer.
South African Eng. and Elec. Rev.....	South African Engineer and Electrical Review.
South African Min. and Eng. Jour.....	South African Mining and Engineering Journal.
South Wales Inst. Eng.....	South Wales Institute of Engineers.
Southern Power and Ind.....	Southern Power and Industry.
Spring Prod. Conf., Am. Gas Assoc.....	Spring Production Conference, American Gas Association.
State Geologists Jour.....	The State Geologists' Journal.
Steam Eng.....	Steam Engineer; Steam Engineering.
Struco Slate Rev.....	Struco Slate Review.
Summer Conf. on Spectroscopy and Its Applications, Massachusetts Inst. Technol.....	Summer Conference on Spectroscopy and Its Applications, Massachusetts Institute of Technology.
Symposium Aerothermochem.....	Symposium on Aerothermochemistry.
Symposium, Am. Soc. Metals.....	Symposium, American Society for Metals.
Symposium (Internat.) on Combustion.....	Symposium (International) on Combustion.
Symposium on Combustion, — Yale Univ.....	Symposium on Combustion, — Yale University.
Symposium on Combustion and Flame and Explosion Phenomena, Univ. of Wisconsin, Madison, Wis.....	Symposium on Combustion and Flame and Explosion Phenomena, University of Wisconsin, Madison, Wis.
TAC Rept.....	Trades Advisory Council Report.
Tech. Eng. News.....	Technical Engineering News.
Tech. Session, Kentucky Oil and Gas Assoc., — Ann. Meeting.....	Technical Session, Kentucky Oil and Gas Association, — Annual Meeting.
Tech. Sessions AGA.....	See Am. Gas Assoc. Tech. Sessions.
Technograph, Univ. of Illinois.....	The Technograph, University of Illinois.
Tennessee Bull.....	Tennessee Bulletin.
Tennessee Department of Education, Div. of Geol.....	Tennessee Department of Education, Division of Geology.
Terres. Magnetism and Atmos. Elec.....	Terrestrial Magnetism and Atmospheric Electricity.
Texas Agric. and Mech. Coll., Misc. Pub.....	Texas Agricultural and Mechanical College, Miscellaneous Publication.

Texas Coll. Arts and Ind.-----	Texas College of Arts and Industries.
Think Mag.-----	Think Magazine.
TOM Rept.-----	Technical Oil Mission Report.
Traus. Coal Div.-----	Transactions, Coal Division (American Institute of Mechanical Engineers).
Tulsa Geol. Soc. Digest.-----	Tulsa Geological Society Digest.
Tulsa World, petrol. ed.-----	Tulsa World, Petroleum Edition.
TWE Jour.-----	TWE Journal (Association of Technical Writers and Editors).
UNESCO Paper.-----	United Nations Educational, Scientific, and Cultural Organization Paper.
United Mine Workers' Jour.-----	United Mine Workers' Journal.
United Nations Internat. Conf. on Peaceful Uses of Atomic Energy.-----	United Nations International Conference on Peaceful Uses of Atomic Energy.
United Nations Internat. Conf. on Peaceful Uses of Atomic Energy. Prod. Technol. of the Materials Used for Nuclear Energy.-----	United Nations International Conference on Peaceful Uses of Atomic Energy. Production Technology of the Materials Used for Nuclear Energy.
United Nations Sci. Conf. on Conservation and Utilization of Resources.-----	United Nations Scientific Conference on Conservation and Utilization of Resources.
Univ. of Arizona Bull.-----	University of Arizona Bulletin.
Univ. of Illinois, Eng. Exp. Sta., Circ. Ser.-----	University of Illinois, Engineering Experiment Station, Circular Series.
Univ. of Minnesota Sch. Mines Exp. Sta.-----	University of Minnesota School of Mines Experiment Station.
Univ. of Missouri Sch. Mines and Met. Bull., Tech. Ser.-----	University of Missouri School of Mines and Metallurgy Bulletin, Technical Series.
Univ. of Missouri Sch. Mines and Met., Proc. Min. Research Conf.-----	University of Missouri School of Mines and Metallurgy, Proceedings of Mining Research Conference.
Univ. of Missouri, Sch. Mines and Met., Rolla, Mo.-----	University of Missouri, School of Mines and Metallurgy, Rolla, Mo.
Univ. of Missouri Sch. Mines and Met. Tech. Ser.-----	University of Missouri School of Mines and Metallurgy Technical Series.
Univ. of Nevada Bull.-----	University of Nevada Bulletin.
Univ. of North Dakota, School of Education Record.-----	University of North Dakota, School of Education Record.
Univ. of Oklahoma Bull.-----	University of Oklahoma Bulletin.
Univ. of Pennsylvania.-----	University of Pennsylvania.
Univ. of Sheffield Fuel Soc. Jour.-----	University of Sheffield Fuel Society Journal.
Univ. of Texas, Bur. Econ. Geol.-----	University of Texas, Bureau of Economic Geology.
Univ. of Utah.-----	University of Utah.
Univ. of Utah Tech. Paper.-----	University of Utah Technical Paper.
Univ. of Washington.-----	University of Washington.
Univ. of Wash. Bull.-----	University of Washington Bulletin.
Univ. of Washington Eng. Exp. Sta. Bull.-----	University of Washington, Engineering Experiment Station Bulletin.
Univ. of West Virginia Bull.-----	University of West Virginia Bulletin.
Univ. of Wisconsin.-----	University of Wisconsin.
Univ. of Wyoming Bull.-----	University of Wyoming Bulletin.
Univ. of Wyoming Nat. Res. Res. Inst. Inf. Circ.-----	University of Wyoming, Natural Resources Research Institute Information Circular.
University of Rhode Island Eng. Exp. Sta.-----	University of Rhode Island Engineering Experiment Station.
U.S. AEC.-----	United States Atomic Energy Commission.
U.S. Bureau For. and Dom. Com. Trade Inf. Bull.-----	U.S. Bureau of Foreign and Domestic Commerce Trade Information Bulletin.
U.S. Bureau of Labor Statistics Bull.-----	United States Bureau of Labor Statistics Bulletin.
U.S. Coal Commission.-----	United States Coal Commission.
U.S. Dept. of Agriculture, Dept. Circ.-----	United States Department of Agriculture, Department Circular.
U.S. Dept. of Labor Bull.-----	United States Department of Labor Bulletin.
U.S. Geol. Survey Prof. Paper.-----	United States Geological Survey Professional Paper.
U.S. Naval Inst. Proc.-----	United States Naval Institute Proceedings.
U.S. Pub. Health Bull.-----	United States Public Health Bulletin.
U.S. Pub. Health Repts.-----	United States Public Health Reports.
U.S. Tech. Conf. on Air Pollution.-----	United States Technical Conference on Air Pollution.
Utah Acad. of Sci.-----	Utah Academy of Sciences.
Utah Acad. of Sci., Proc.-----	Utah Academy of Sciences, Proceedings.
Utah Geol. and Min. Survey Circ.-----	Utah Geological and Mineralogical Survey Circular.
Utah State Dept. of Publicity and Ind. Devel., Raw Materials Div., Bull.-----	Utah State Department of Publicity and Industrial Development, Raw Materials Division, Bulletin.
Visual Aids Sec., — Nat. Safety Cong. and Exposition.-----	Visual Aids Section, — National Safety Congress and Exposition.
Vortex, Bull. California Sec. Am. Chem. Soc.-----	The Vortex, Bulletin of the California Section of the American Chemical Society.
Washington Acad. Sci.-----	Washington Academy of Sciences.
Waste Rev.-----	Waste Review.
Waste Trade Jour.-----	Waste Trade Journal.
Welding Jour.-----	The Welding Journal (New York) (The Journal of the American Welding Society).

West. Gas.....	Western Gas.
West. Ind.....	Western Industry.
West. Mach. and Steel World.....	Western Machinery and Steel World.
West. Metal Cong., Los Angeles, Calif.....	Western Metal Congress, Los Angeles, Calif.
West. Miner and Oil Rev.....	Western Miner and Oil Review.
West. Pennsylvania Safety Coun. and Am. Soc. of Safety Eng.....	Western Pennsylvania Safety Council and American Society of Safety Engineers.
West. Petrol. Refiners Assoc.....	Western Petroleum Refiners Association, Beaumont, Tex.
West. Safety Conf.....	Western Safety Conference.
West Virginia Acad. Sci.....	West Virginia Academy of Science.
West Virginia Acad. Sci., Univ. of West Vir- ginia Bull.....	West Virginia Academy of Science, University of West Virginia Bulletin.
West Virginia Coal Min. Inst.....	West Virginia Coal Mining Institute.
West Virginia Eng.....	West Virginia Engineer.
West Virginia Inst. Coal Min. Eng.....	West Virginia Institute of Coal Mining Engineers.
West Virginia Med. Jour.....	West Virginia Medical Journal.
West Virginia Min. Inst.....	West Virginia Mining Institute.
West Virginia Safety Conf.....	West Virginia Statewide Safety Conference.
West Virginia Univ. Bull.....	See Univ. of West Virginia Bull.
Western Kentucky Min. Inst., Madisonville, Ky.....	Western Kentucky Mining Institute, Madisonville, Ky.
Western Soc. Eng.....	Western Society of Engineers.
Wisconsin Mining School Bull.....	Wisconsin Mining School Bulletin.
Wood.....	Wood (published by American Lumberman, Chicago, Ill.).
Wood Pres. Assoc.....	Wood Preservers' Association.
World Eng. Cong., Tokyo.....	World Engineering Congress, Tokyo, Japan.
World Petrol.....	World Petroleum.
World Petrol. Cong.....	World Petroleum Congress. See Cong. mondial pétrole.
World Power Conf.....	World Power Conference (London).
World Power Conf., Gen. Report.....	— World Power Conference, General Report.
Wright Air Development Center Tech. Rept.....	Wright Air Development Center Technical Report.
Wyoming Eng. Soc.....	Wyoming Engineering Society.
Wyoming Geol. Assoc. Guidebook.....	Wyoming Geological Association. Guidebook.
Wyoming Hist. and Geol. Soc.....	Wyoming Historical and Geological Society, Wilkes-Barre, Pa.
Yearbook, Rocky Mountain Assoc. Geol.....	Yearbook, Rocky Mountain Association of Geologists.
Ztschr. Elektrochem.....	Zeitschrift für Elektrochemie und angewandte physikalische Chemie.
Ztschr. für Erzbergbau u Metallhuetten- wesen.....	Zeitschrift für Erzbergbau u Metallhuettenwesen.
Ztschr. ges. Schiess- u. Sprengstoffw.....	Zeitschrift für das gesamte Schiess- und Sprengstoffwesen mit der Sonderabteilung Gasschutz.
Ztschr. Physik.....	Zeitschrift für Physik.
Ztschr. physikal. Chem.....	Zeitschrift für physikalische Chemie (Bodenstein-Festband).