

Information section

Grateful acknowledgement is made to the U.K. MEDLARS Centre and to the National Library of Medicine for their help with this project.

The references cited below have not been checked by the publisher.

1. Historical, legislative, and general

Position statement: American Occupational Medical Association. (English)

Ely, T. S. *J. occup. Med.*, 16, 478-9, Jul. 74.

[Societies Medical, Government Agencies, Legislation Medical, Environmental Health, United States, Attitude of Health Personnel]

2. Organization of medical and nursing services and education

A practical approach to cost analysis of an occupational health program. (English)

Craig, J. L. *J. occup. Med.*, 16, 445-8, Jul. 74.

[Costs and Cost Analysis, Occupational Health Services, Government Agencies, Medical Records, Task Performance and Analysis, Health Manpower Utilization, Immunization, Physical Examination, Industrial Medicine,

Occupational Diseases Therapy]

Undergraduate training in occupational medicine. (English)

Waldron, H. A. *Lancet*, 2, 277-8, 3 Aug. 74.

[Schools Medical, Education Medical Undergraduate, Curriculum, Occupational Diseases Prevention and Control, Disability Evaluation, Accidents Prevention and Control, Environmental Health, Great Britain]

3. Physiological, psychological, and organizational aspects of work and rehabilitation

National and cultural variables in ergonomics. (English)

Chapanis, A. *Ergonomics*, 17, 153-75, Mar. 74.

[Anthropology Cultural, Human Engineering, Language, Psychology Industrial, Anthropometry, United States, Asia, Europe, Developing Countries, Technology, Adaptation Biological, Learning, Attitude, Social Change]

Work efficiency and personality: a comparison of introverted and extraverted subjects exposed to conditions of distraction and distortion of stimulus in a learning task. (English)

Morgenstern, F. S., Hodgson, R. J., Law, L. *Ergonomics*, 17, 211-20, Mar. 74.

[Efficiency, Introversion (Psychology), Extroversion (Psychology), Learning, Psychological Tests, Attention, Analysis of Variance]

Maximum weights and work loads acceptable to female workers. (English)

Snook, S. H., Ciriello, V. M. *J. occup. Med.*, 16, 527-34, Aug. 74.

[Exertion, Work, Psychophysics, Hand Physiology, Heart Rate, Monitoring Systems, Anthropometry, Menstruation, Clothing, Sex Factors, Body Temperature, Time Factors, Task Performance and Analysis]

A critical note on the application of analysis of variance techniques in ergonomics research. (English)

Brigham, F. R. *Ergonomics*, 17, 259-65, Mar. 74.

[Human Engineering, Analysis of Variance, Evaluation

Studies]

Psychiatric complications following severe trauma. (English)

Tomlinson, W. K. *J. occup. Med.*, 16, 454-7, Jul. 74.

[Wounds and Injuries Complications, Mental Disorders, Social Adjustment, Adaptation Psychological, Socio-economic Factors, Depression Aetiology, Defence Mechanisms, Body Image, Self Concept, Hostility, Interpersonal Relations, Educational Status, Existentialism]

Heart rate at the work site as an index of physiologic overload. (Spanish)

Apud, E., Vallejos, M. E. *Rev. méd. Chile*, 102, 214-7, Mar. 74.

[Heart Rate, Cardiac Output, Mining, Pulse, Electrocardiography]

Sickness absence: facts and misconceptions. (English)

Taylor, P. J. *Roy. Coll. Physns. Lond.*, 8, 315-33, Jul. 74.

[Absenteeism, State Medicine, Economics, Work, Personal Satisfaction, Social Security, Diagnostic Services Standards, Occupational Health Services Standards, Statistics]

Accident neurosis: whatever happened to male hysteria? (English)

Allodi, F. A. *Can. psychiat. Ass. J.*, 19, 291-6, Jun. 74.

[Human, Neuroses Post-traumatic Occurrence Diagnosis, Disability Evaluation, Workmen's Compensation, Pain, Conversion Reaction, Acting Out, Depression]

4. Traumatic conditions, accidents, and accident prevention

Low back injuries—results of treatment. (English)

Kark, W. S. *Afr. J. Surg.*, 10, 89-95, Jun. 72.

[Absenteeism, Disability Evaluation, Intervertebral Disk Injuries, Lumbosacral Region, Retrospective Studies, South Africa, Spinal Injuries Therapy]

Statistics on hand injuries with temporary disability. (Russian)

Voinalovich, O. D. *Ortop. Travm. Protez.*, 35, 10-4, Apr. 74.

[Hand Injuries Occurrence, Sex Factors, Age Factors, Disability Evaluation, Russian Federation (Europe), Statistics, English Abstract]

5. Effects of inorganic substances and minerals

- Health condition of the workers of platinum catalyzer factory.** (Russian)
Gladkova, E. V., Odintsova, F. P., Volkova, I. D. *Gig. Tr. prof. Zabol.*, **18**, 10-3, Mar. 74.
[Asthma Chemically Induced, Catalysis, Conjunctivitis Chemically Induced, Hay Fever Chemically Induced, Platinum Adverse Effects, U.S.S.R., English Abstract]
- Occupational diseases of respiratory organs under the conditions of a modern cement factory.** (Russian)
Mal'tseva, L. M., Tatanov, I. U. A. *Gig. Tr. prof. Zabol.*, **18**, 14-7, Mar. 74.
[Asthma Diagnosis Aetiology, Bronchitis Aetiology, Construction Materials Adverse Effects, Dust, Pneumoconiosis Diagnosis, English Abstract]
- Interest of prevalence studies for etiological purposes in the field of chronic bronchitis in coalminers (Author's translation).** (French)
Minette, A. *Acta tuberc. pneumol. Belg.*, **65**, 72-87, Jan. 1974.
[Bronchitis Diagnosis Occurrence, Coal Mining, Comparative Study, Cough Aetiology, Dyspnoea Aetiology, Epidemiological Methods, Metallurgy, Residence Characteristics, Respiratory Airflow, English Abstract]
- Epidemiological survey in workers exposed to cadmium. An example of case-control study (Author's translation).** (French)
Lauwerys, R. *Acta tuberc. pneumol. Belg.*, **65**, 55-9, Jan. 1974.
[Bronchitis, Cadmium Analysis Urine Blood, Chronic Disease, Comparative Study, Dust Analysis, Lung Diseases Obstructive, Proteinuria Aetiology, Smoking Complications, English Abstract]
- Epidemiology of rheumatoid arthritis and rheumatoid factor in pyrite miners of Maremma.** (Italian)
Franzinelli, A., Marcolongo, R. *Reumatismo*, **23**, 222-35, Sep.-Oct. 71.
[Human, Mining, Minerals, Italy, Pneumoconiosis Occurrence Complications, Bronchitis Occurrence, Arthritis Rheumatoid Occurrence Aetiology, Rheumatoid Factor, English Abstract]
- Health hazards due to inhalation of asbestos fibres (Author's translation).** (German)
Sarrazin, W. *Prax. Pneumol.*, **28**, 370-88, Jul. 74.
[Review, Asbestos Adverse Effects, Lung Neoplasms, Mesothelioma, Environmental Pollution, Asbestosis Aetiology, Legislation Medical, Dust, Occupations, Industry, Mining, Automobile Driving, English Abstract]
- Pneumoconiosis: a medical-legal classification.** (English)
Kelmenson, V. A. *Mich. Med.*, **73**, 139-42, Mar. 74.
[Human, Pneumoconiosis Classification, United States, Legislation Medical, Coal Mining, Workmen's Compensation]
- On the value of the P wave—PQ segment ratio or macruz index in the electrocardiograms of a group of welders.** (Italian)
Franco, G., Genco, F., Taccola, A. *Med. Lav.*, **64**, 447-50, Nov. 73.
[Electrocardiography, Heart Enlargement Diagnosis, Heart Atrium, Welding, Occupational Diseases Diagnosis, English Abstract]
- The effect of exposure to asbestos dust on iron metabolism in Egyptian workers.** (English)
El-Shobaki, F. A. *Med. Lav.*, **64**, 417-22, Nov. 73.
[Asbestosis Metabolism, Iron Metabolism Blood, Haematocrit, Blood Cell Count, Transferrin Analysis, Haemolysis, Haemoglobinometry]
- Nuclear bodies rich in glycogen in human hepatocytes in a case of postnecrotic cirrhosis attributed to carbonyl nickel poisoning. Ultrastructural findings.** (Italian)
Castano, P. *Med. Lav.*, **64**, 411-6, Nov. 73.
[Nickel Poisoning, Liver Cirrhosis Postnecrotic Aetiology Metabolism, Liver Pathology, Cell Nucleus, Liver Glycogen, Microscopy Electron, Hepatitis Toxic, English Abstract]
- Ultrastructural study of a case of post-necrotic hepatic cirrhosis attributed to prior acute poisoning by carbonyl nickel.** (Italian)
Castano, P., Ghezzi, I. *Med. Lav.*, **64**, 401-10, Nov. 73.
[Nickel Poisoning, Acute Disease, Liver Cirrhosis Postnecrotic Aetiology, Liver, Microscopy Electron, Hepatitis Toxic, English Abstract]
- Characteristics of mixing of gases in the lungs in different forms of dust-induced pathology.** (Russian)
Novakatikian, A. O., Rossinskaia, L. N. *Gig. Tr. prof. Zabol.*, **18**, 7-10, Jun. 74.
[Bronchitis Physiopathology Chemically Induced, Anthracosilicosis, Lung Physiopathology, Respiratory Function Tests, Dust, Welding, Mining, English Abstract]
- Effects of manganese on the respiratory system.** (Croat)
Saric, M. *Arh. Hig. Rada.*, **25**, 15-26, 1974.
[Manganese Adverse Effects, Respiratory Tract Diseases Chemically Induced, Occupations, Air Pollution, Yugoslavia, English Abstract]
- Arsenic poisoning—an occupational hazard.** (English)
Fernando, R. L. *Ceylon med. J.*, **18**, 150-2, Sept. 73.
[Human, Arsenic Poisoning, Ceylon, Insecticides Poisoning, Agricultural Workers' Diseases Chemically Induced]
- Evaluation of occupational exposure of the workers employed in the port at the transshipment of phosphorites and apatites.** (English)
Chmielewski, J., Renke, W., Hac, E. *Bull. Inst. mar. trop. Med. Gdańsk.*, **25**, 67-81, 1974.
[Apatites Adverse Effects, Phosphorous Acids Adverse Effects, Dust, Pneumoconiosis Diagnosis]
- Evaluation of occupational exposure to zinc oxide in shipyards. I. Examination of the working environment and the stands under exposure.** (English)
Chmielewski, J., Jaremin, B., Bartnicki, C. *Bull. Inst. mar. trop. Med. Gdańsk.*, **25**, 43-51, 1974.
[Human, Zinc Adverse Effects, Oxides Adverse Effects, Ethers Cyclic Adverse Effects, Occupations, Ships]
- Evaluation of occupational exposure to zinc oxide in the marine production shipyard. II. Examination of the state of health of the workers exposed to zinc oxide.** (English)
Chmielewski, J., Jaremin, B., Bartnicki, C. *Bull. Inst. mar. trop. Med. Gdańsk.*, **25**, 53-65, 1974.
[Human, Zinc Adverse Effects, Oxides Adverse Effects, Questionnaires, Occupations]
- Bone marking and lead intoxication. Early pathological changes in osteoclasts.** (English)
Mulleman, P. J. van. *Virchows Arch. path. Anat.*, **15**, 345-50, 1974.
[Kats, Animal, Bone and Bones, Osteoclasts, Tibia Pathology, Cytoplasm, Cell Nucleus, Cellular Inclusions, Microscopy Electron, Histochemistry]
- Intoxication by hydrogen sulfide in a natural gas refinery.** (French)
Demaret, D., Fialaire, J. *Eur. J. Toxicol.*, **7**, 32-6, Jan. 74.
[Hydrogen Sulfide Poisoning, Accidents Industrial Prevention and Control, Petroleum, Euphoria, Coma, Cyanosis, Tachycardia, Oxygen Inhalation Therapy, English Abstract]
- Intoxication by hydrogen sulfide.** (French)
Piva, C. *Eur. J. Toxicol.*, **7**, 30-1, Jan. 74.
[Hydrogen Sulfide, Oxygen Inhalation Therapy, Cyanosis Chemically Induced, Heart Arrest Chemically Induced, Neurological Manifestations, Poisoning Therapy, English Abstract]
- Study of intrapulmonary mineral deposits by electron microscopy, electron probe microanalysis and electron microdiffraction.** (French)
Berry, J. P., Galle, P. *Poumon. Coeur.*, **29**, 631-3, 1973.
[Microscopy Electron, Electron Probe Microanalysis,

- Pneumoconiosis Diagnosis, Pulmonary Fibrosis Diagnosis, Macrophages, Lung Analysis Pathology, Histochemistry, X-ray Diffraction, Elements, Carbon, Silica, Aluminum, Iron, Titanium]
- Early detection of expiratory airflow obstruction in cement workers.** (English)
Kalacic, I. *Arch. environm. Hlth*, **29**, 147-9, Sep. 74.
[Airway Obstruction Diagnosis, Construction Materials, Vital Capacity, Spirometry, Airway Resistance, Time Factors]
- Effect of lead on delta-aminolevulinic acid dehydratase activity in red blood cells. II. Regeneration of enzyme after cessation of lead exposure.** (English)
Haeger-Aronsen, B. *Arch. environm. Hlth*, **29**, 150-3, Sep. 74.
[Human, Lead Pharmacology Blood, Hydro-lyases Blood, Erythrocytes Enzymology, Aminolevulinic Acid Dehydratase Blood, Enzyme Activation Drug Effects]
- Simple siliceous pneumoconiosis in Negev bedouins.** (English)
Bar-Ziv, J. Goldberg, G. M. *Arch. environm. Hlth*, **29**, 121-6, Sep. 74.
[Human, Silicosis Aetiology, Silica Analysis, Lung Pathology, Desert Climate, Ethnic Groups, Israel, Dust Analysis, Autopsy, Retrospective Studies, Macrophages, Sex Factors, Particle Size]
- Circulating antinuclear antibody and rheumatoid factor in coal pneumoconiosis.** (English)
Soutar, C. A. *Brit. med. J.*, **3**, 145-7, 20 Jul. 74.
[Human, Antinuclear Factors Analysis, Rheumatoid Factor Analysis, Pneumoconiosis Blood Radiography Immunology, Coal, Autoantibodies, Pulmonary Fibrosis Radiography, Fluorescent Antibody Technique, Latex Fixation Tests]
- Firefighters' occupational exposure to carbon monoxide.** (English)
Sammons, J. H., Coleman, R. L. *J. occup. Med.*, **16**, 543-6, Aug. 74.
[Carbon Monoxide Poisoning, Aetiology, Fires, Smoke, Carboxyhaemoglobin Analysis, Lactate Dehydrogenase Blood, Temperature, Hydroxybutyrate Dehydrogenase Blood, Creatine Kinase Blood, Smoking Complications, Probability, Regression Analysis]
- Respiratory cancer among chromate workers.** (English)
Enterline, P. E. *J. occup. Med.*, **16**, 523-6, Aug. 74.
[Respiratory Tract Neoplasms Chemically Induced Mortality Occurrence, Chromates Adverse Effects, Probability, Age Factors, Time Factors, Maximum Permissible Exposure Level, Gastrointestinal Neoplasms, Nose Neoplasms, Pharyngeal Neoplasms, Respiratory Tract Diseases, Paranasal Sinus Neoplasms, Lung Neoplasms]
- Occupational lung cancer among copper smelters.** (English)
Kuratsune, M., Tokudome, S., Shirakusa, T. *Int. J. Cancer*, **13**, 552-8, 15 Apr. 74.
[Occupational Diseases Mortality, Lung Neoplasms Mortality, Metallurgy, Smoking, Carcinoma Epidermoid Mortality, Carcinoma Oat Cell Mortality, Copper]
- Cardiovascular effects of CS₂ exposure.** (English)
Lieben, J., Menduke, H., Flegel, E. E. *J. occup. Med.*, **16**, 449-53, Jul. 74.
[Carbon Disulfide Toxicity, Cardiovascular Diseases, Textile Industry, Acetates Toxicity, Occupations, Time Factors, Electrocardiography, Blood Pressure, Cholesterol Blood]
- Effects of chronic exposure to iodine in salt mine workers.** (Spanish)
Vallejos, M. E., Claire, H., Donoso, H. *Rev. méd. Chile*, **102**, 186-92, Mar. 74.
[Bronchitis Occurrence, Mining, Iodine Adverse Effects, Environmental Exposure, Chile, Time Factors, English Abstract]
- Reduction in pulmonary ventilation following respiration of oxygen in normal subjects and in advanced silicosis patients.** (Spanish)
Donoso, H., Segura, E. *Rev. méd. Chile*, **102**, 218-23, Mar. 74.
[Silicosis Physiopathology, Respiratory, Oxygen Inhalation Therapy, Respiratory Function Tests, English Abstract]
- Arc welder's siderosis: a benign pneumoconiosis?** (Spanish)
Donoso, H., Segura, E., Vallejos, M. E. *Rev. méd. Chile*, **102**, 202-7, Mar. 74.
[Welding, Siderosis Classification, Pneumoconiosis Classification, Iron Blood, Spirometry, Chile, English Abstract]
- Pulmonary emphysema-silicosis-cor pulmonale. Results of statistical investigations (Author's translation).** (German)
Breining, H., Minderjahn, A. *Pneumonologie*, **150**, 37-47, 14 Jun. 74.
[Pulmonary Emphysema Aetiology Pathology, Silicosis Complications, Pathology, Pulmonary Heart Disease, Autopsy, Statistics, Retrospective Studies, English Abstract]
- Chronic berylliosis.** (English)
Hunter, M. B., Harron, R. A. *W. Va. med. J.*, **70**, 162, Jul. 74.
[Human, Beryllium Poisoning, Lung Radiography]

6. Effects of organic substances

- Determination of dimethylformamide in the air.** (Russian)
Osina, S. A. *Gig. Tr. prof. Zabol.*, **18**, 56-7, Mar. 74.
[Dimethylformamide Analysis, Methods]
- Experimental study of allergic effect of caprolactam.** (Russian)
Statsek, N. K., Ialkut, S. I. *Gig. Tr. prof. Zabol.*, **18**, 54-5, Mar. 74.
[Animal Experiments, Guinea-pigs, Autoantibodies Isolation and Purification, Azepines Adverse Effects, Chromatography Thin Layer, Hypersensitivity Delayed]
- On electrocardiographic changes in carbon disulfide poisoning: the Macruz index in exposed subjects.** (Italian)
Franco, G., Rizzo, S., Taccola, A. *Med. Lav.*, **64**, 444-6, Nov. 73.
[Carbon Disulfide Poisoning, Heart Enlargement Chemically Induced, Heart Atrium, Electrocardiography, Textile Industry, Heart Conduction System Physiopathology, English Abstract]
- Sensitisation to ortho-aminoazotoluene.** (English)
Foussereau, J., Escande, J. P., Lantz, J. P. *Trans. St. John's Hosp. dermat. Soc. (Lond.)*, **59**, 251-60, 1973.
[Human, Chemistry, Occupational Dermatitis Chemically Induced, Drug Hypersensitivity, Textile Industry, Dyes, Skin Tests, Azo Compounds Pharmacology]
- Hepatic function in workers exposed to inhalation of chloroform vapors.** (Italian)
Gambini, G., Farina, G. *Med. Lav.*, **64**, 432-6, Nov. 73.
[Human, Chloroform Adverse Effects, Liver Function Tests, Hepatomegaly Chemically Induced, Hepatitis Toxic Physiopathology, Environmental Exposure]
- Sanitary-hygienic evaluation of dianizidine sulfate production from the standpoint of carcinogenic hazard for workers.** (Russian)
Genin, V. A. *Gig. Tr. prof. Zabol.*, **18**, 18-22, Jun. 74.
[Human, Animal Experiments, Dogs, Hamsters, Rats, Occupational Diseases, Bladder Neoplasms, English Abstract]
- Occupational skin diseases in the calcium carbide industry.** (Russian)
Anton' Ev, A. A. *Gig. Tr. prof. Zabol.*, **18**, 15-8, Jun. 74.
[Dermatitis Contact Diagnosis, Occupational Dermatitis Occurrence, Acetylene, Calcium Adverse Effects]
- Cases of sudden death as a consequence of long-term work**

- with nitric esters of glycerine. (Czech)
Kuzelova, M. *Vnitřn. Lek.*, 20, 447-51, May 74.
[Death Sudden, Glyceryl Trinitrate Adverse Effects, Time Factors, Esters, Nitrates Adverse Effects, English Abstract]
- Methylene chloride content of biological media during pregnancy and nursing in female workers of a technical rubber goods factory.** (Russian)
Vozovaia, M. A., Maliarova, L. K., Enikeeva, R. M. *Gig. Tr. prof. Zabol.*, 18, 42-3, Apr. 74.
[Pregnancy, Chemical Industry, Rubber, Hydrocarbons Chlorinated Analysis Blood, Chromatography Ion Exchange, Foetus Analysis, Foetal Membranes Analysis, Milk Human Analysis, Maternal-foetal Exchange]
- Oil and cancer.** (English)
Kipling, M. D. *Ann. Roy. Coll. Surg. Engl.*, 55, 71-9, Aug. 74.
[Animal, Human, Mineral Oil Adverse Effects, Neoplasms Chemically Induced, England, France, Scrotum, Textile Industry, Cotton, Engineering, Age Factors, Urogenital Neoplasms, Skin Neoplasms, Vulvar Neoplasms, Lung Neoplasms]
- Acute intoxication by dinitroorthoresol.** (French)
Gaultier, M., Gervais, P., Conso, F. *Eur. J. Toxicol.*, 7, 9-11, Jan. 74.
[Dinitrocresols, Anoxia, Acidosis, Oxygen Inhalation Therapy, Kidney Diseases, Liver Diseases, Aspartate Aminotransferase Blood, Alanine Aminotransferase Blood, Sulfobromophthalein Diagnostic Use, Bilirubin Blood, English Abstract]
- Prediction and potential prevention of industrial bronchitis. An epidemiologic study of a group of coke oven workers.** (English)
Mittman, C., Pedersen, E., Barbela, T. *Amer. J. Med.*, 57, 192-9, Aug. 74.
[Bronchitis Aetiology, Smoking Complications, Phenotype, Trypsin Inhibitors Blood, Time Factors, Occupations, Coal, Ethnic Groups, Mexico, Negroes, Europe, Age Factors, California]
- Liver angiosarcoma in two workers in a P.V.C.-producing factory (Author's translation).** (German)
Lange, C. E., Juhe, S., Veltman, G. *Dtsch. med. Wschr.*, 99, 1598-9, 2 Aug. 74.
[Angiosarcoma Chemically Induced Diagnosis Pathology, Liver Neoplasms Chemically Induced Diagnosis Pathology, Polyvinyls Adverse Effects, Autopsy, English Abstract]
- Mortality study of workers in the manufacture of vinyl chloride and its polymers.** (English)
Tabershaw, I. R., Gaffey, W. R. *J. occup. Med.*, 16, 509-18, Aug. 74.
[Hydrocarbons Chlorinated Adverse Effects, Polyvinyls Adverse Effects, Time Factors, Follow-up Studies, Probability, Dose-response Relationship, Cardiovascular Diseases, Kidney Diseases, Mouth Neoplasms, Pharyngeal Neoplasms, Respiratory Tract Neoplasms, Liver Neoplasms, Lymphoma, Gastrointestinal Neoplasms, Angiosarcoma]
- Polymer-fume fever: not so benign.** (English)
Williams, N., Atkinson, W., Patchefsky, A. S. *J. occup. Med.*, 16, 519-22, Aug. 74.
[Polytetrafluoroethylene, Pulmonary Fibrosis, Temperature, Fever, Smoking Complications, Spirometry, Recurrence, Anoxaemia Chemically Induced, Pulmonary Oedema, Pulmonary Alveoli Pathology, Macrophages, Collagen Metabolism, Blood, Hydrogen-Ion Concentration, Carbon Dioxide Blood, Vital Capacity, Oxygen Blood, Respiratory Airflow, Pulmonary Diffusing Capacity]
- Toxic polyneuropathy produced by methyl N-butyl ketone.** (English)
Mendell, J. R., Saida, K., Ganansia, M. F. *Science*, 185, 787-9, 30 Aug. 74.
[Cats, Rats, Animal, Human, Peripheral Nerve Diseases Chemically Induced, Solvents, Axons, Ranvier's Nodes, Myelin Sheath]
- Degreaser's flush.** (English)
Stewart, R. D., Hake, C. L., Peterson, J. E. *Arch. environm. Hlth*, 29, 1-5, Jul. 74.
[Trichloroethylene Toxicity Analysis, Alcohol Ethyl Toxicity Blood, Occupational Dermatitis, Hyperaemia, Atmosphere Exposure Chambers, Chromatography Gas, Breath Tests, Skin]
- Polymer-fume fever.** (English)
Kuntz, W. D., McCord, C. P. *J. occup. Med.*, 16, 480-2, Jul. 74.
[Respiratory Hypersensitivity chemically Induced, Polymers Poisoning, Fever, Polytetrafluoroethylene Poisoning, Heat, Smoking Complications, Dyspnoea]

7. Effects of animal and vegetable substances

- Lung function and allergic skin reactions in employees of cotton mills (byssinosis).** (German)
Navratil, M., Bruckner, J., Hajickova, V. *Z. ges. Hyg.*, 19, 881-6, 1973.
[Bronchitis Diagnosis, Byssinosis Physiopathology, Czechoslovakia, Hypersensitivity Diagnosis, Respiratory Function Tests]
- Comprehensive review: chronic occupational respiratory tract diseases in farmers.** (German)
Meyer, W. C. *Dtsch. Tierärztl. Wschr.*, 81, 242-5, 15 May 74. [Diagnosis Differential, Farmer's Lung Diagnosis, English Abstract]
- Epidemiologic study of persons occupationally exposed to cotton dust.** (Spanish)
Marquez Mayaudon, *Salud publ. Mex.*, 14, 547-53, Jul.-Aug. 72.
[Byssinosis Occurrence, Cotton, Dust, Mexico, Environmental Exposure, English Abstract]
- Identification of scopoletin in dried bract of the cotton plant.** (English)
Wakelyn, P. J., Stipanovic, R. D., Bell, A. A. *J. Agric. Food Chem.*, 22, 567-8, Jul.-Aug. 74.
[Cotton Analysis, Coumarins Analysis Isolation and Purification, Bioflavonoids, Alcohols, Pigments, Methyl Ethers, Byssinosis, Fluorescence, Dansyl Compounds]
- Respiratory disorders in cheese-makers. The pathological role of mites.** (French)
Molina, C., Aiache, J. M. *Nouv. Presse Med.*, 3, 1603-5, 22 Jun. 74.
[Cheese, Allergens Analysis, I.G.G. Analysis, Asthma Immunology, Mites Isolation and Purification, Dust Analysis, Immunoelectrophoresis, Bronchitis Immunology, English Abstract]
- The development of a cotton dust standard.** (English)
Imbus, H. R. *J. occup. Med.*, 16, 547-51, Aug. 74.
[Analysis, Cotton, Byssinosis Prevention and Control Diagnosis Complications, Monitoring Systems, Spirometry, Filtration Instruments, Maximum Permissible Exposure Level]
- The role of penicillium frequentans in suberosis (respiratory disease in workers in the cork industry).** (English)
Avila, R., Lacey, J. *Clin. Allergy*, 4, 109-17, Jun. 74.
[Penicillium Immunology, Pneumoconiosis Immunology, Aetiology Radiography, Spores, Fungal Immunology Isolation and Purification, Wood, Occupations, Antigens Fungal Isolation and Purification, Skin Tests, Immune Serums Analysis, Respiratory Function Tests, Time Factors, Precipitins Isolation and Purification]
- Occupational allergy to animal dander and sera.** (English)
Lincoln, T. A., Bolton, N. E. *J. occup. Med.*, 16, 465-9

Jul. 74.

[Hypersensitivity Aetiology Prevention and Control, Hair, Blood, Laboratories, Respiratory Hypersensitivity, Angioneurotic Oedema, Dermatitis Contact, Skin Tests, Educational Status, Gel Diffusion Tests, Housing Animal, Protective Devices, Ventilation]

Immunopathological studies in patients with farmer's lung. (English)

Ghose, T., Landrigan, P., Killeen, R. *Clin. Allergy*, **4**, 119-29, Jun. 74.

[Farmer's Lung, Biopsy, Antigens Fungal Adverse Effects, Vascular Diseases Aetiology Immunology Pathology Radiography, Fluorescent Antibody Techniques, Immunoglobulins Analysis, Leukocytes, Eosinophils, Antibodies Fungal Isolation and Purification, Gel Diffusion Tests]

8. Effects of physical agents

Transmission of vibrations to the upper limbs. (Czech)

Lukas, E., Louda, L. *Čs. Neurol. Neurochir.*, **37**, 258-62, Jul. 74.

[Human, Vibration Adverse Effects, Neural Transmission, Arm Innervation, English Abstract]

Thresholds of pain sensitivity in workers of vibration-risk occupations and in practically healthy persons of different age. (Russian)

Radziukovich, T. M. *Gig. Tr. prof. Zabol.*, **18**, 10-2, Apr. 74.

[Human, Pain, Differential Threshold, Fingers Innervation, Forearm Innervation, Vibration, Age Factors, English Abstract]

Preliminary investigations on the behaviour of oscillometric indexes in the lower extremities of crew members of a fishing vessel during their voyages. (English)

Zugaj, A., Chmielewski, J. *Bull. Inst. mar. trop. Med. Gdańsk.*, **25**, 97-101, 1974.

[Human, Naval Medicine, Ships, Leg, Oscillometry, Physical Fitness]

Attempt to estimate the capacity for work on the ground of the dynamics picture of vibration syndrome symptoms in the upper extremities of workers actually exposed to vibration. (English)

Gwozdziwicz, J. *Bull. Inst. mar. trop. Med. Gdańsk.*, **25**, 85-96, 1974.

[Human, Vibration Adverse Effects, Arm, Occupational Diseases, Syndrome, Time Factors, Ships]

Inert gas narcosis, the high pressure neurological syndrome, and the critical volume hypothesis. (English)

Miller, K. W. *Science*, **185**, 867-9, 6 Sep. 74.

[Mice, Rats, Animal, Human, Inert Gas Narcosis, Convul-

sions, Models, Biological, Atmospheric Pressure, Diving, Gases, Partial Pressure, Helium, Neon, Nitrous Oxide, Solvents]

Vibration syndrome in lumbermen (working with chain saws). (English)

Laitinen, J., Puranen, J., Vuorinen, P. *J. occup. Med.*, **16**, 552-6, Aug. 74.

[Vibration Adverse Effects, Wood, Cold Adverse Effects, Semilunar Bone Radiography, Fingers Radiography, Necrosis Aetiology, Smoking, Time Factors, Temperature Sense, Sensation, Hand, Tremor Aetiology, Pain Aetiology]

State of health in miners working deep shafts. (Russian)

Onopko, B. N., Vinarik, E. M., Savenkova, N. G. *Vrach. Delo.*, **5**, 130-3, May 74.

[Human, Coal Mining, Respiratory Function Tests, Oximetry, Heart Function Tests, Neurological Examination, Blood Coagulation Tests, English Abstract]

Protein and protein fractions in the arterial and venous blood of patients with vibration disease. (Russian)

Abramovich-Poliakov, D. K. *Vrach. Delo.*, **5**, 136-9, May 74.

[Human, Vibration Adverse Effects, Blood Proteins Analysis, Blood Protein Electrophoresis, Serum Albumin Analysis, English Abstract]

Occupational deafness. Medical criteria of selection for work in environmental noise. (French)

Teodorescu, L., Stratulat, E., Cornea, I. *Rev. med.-chir. Iasi*, **77**, 83-91, Jan.-Mar. 73.

[Deafness Prevention and Control Diagnosis, Acoustic Trauma, Noise Prevention and Control, Audiometry, Occupations, English Abstract]

9. Methods of investigation of body function

Multilaboratory comparison of three immunodiffusion methods used for the detection of precipitating antibodies in hypersensitivity pneumonitis. (English)

Flaherty, D. K., Barboriak, J., Emanuel, D. *J. Lab. clin. Med.*, **84**, 298-306, Aug. 74.

[Clinical Research, Comparative Study, Laboratories, Gel Diffusion Tests, Precipitins Analysis, Hypersensitivity, Antigens Fungal Analysis, Immunoelectrophoresis, Aspergillus Fumigatus Immunology, Farmer's Lung Blood, Haemagglutination Tests]

10. Environmental measurement, control, and protection of the subject

The niosh detector tube certification program. (English)

Roper, P. *Amer. industr. Hyg. Ass. J.*, **35**, 438-42, Jul. 74.

[Government Agencies, Social Control Formal, Equipment and Supplies Standards, Gases Analysis, United States, Quality Control]

Airborne dust produced by pneumatic jackpick. V. Visible dust-steam clouds and concentrations. (English)

Scharf, A. *Amer. industr. Hyg. Ass. J.*, **35**, 433-7, Jul. 74.

[Dust Analysis, Steam, Particle Size, Pneumoconiosis Prevention and Control, Maximum Permissible Exposure Level]

Study of aqueous HCl and formaldehyde mixtures for formation of BIS (chloromethyl) ether. (English)

Tou, J. C., Kallos, G. J. *Amer. industr. Hyg. Ass. J.*, **35**, 419-22, Jul. 74.

[Hydrochloric Acid, Formaldehyde, Methyl Ethers, Carcinogens, Spectrum Analysis Mass, Chromatography Gas, Solutions, Water]

On-filter analysis of quartz in respirable coal dust by infra-red absorption and X-ray diffraction. (English)

Freedman, R. W., Toma, S. Z., Lang, H. W. *Amer. industr. Hyg. Ass. J.*, **35**, 411-8, Jul. 74.

[Silica Dust Coal Mining, Spectrophotometry Infrared, X-ray Diffraction, Filtration, Methods, Particle Size]

Penetration of protective gloves by allergens and irritants. (English)

Moursiden, H. T., Faber, O. *Trans. St. John's Hosp. derm. Soc. (Lond.)*, **59**, 230-4, 1973.

[Human, Protective Clothing, Allergens, Irritants, Dermatitis Contact, Skin Tests, Hand]

Biological monitoring for industrial exposure to cyanogenic aromatic nitro and amino compounds. (English)

Linch, A. L. *Amer. industr. Hyg. Ass. J.*, **35**, 426-32, Jul. 74.

[Aniline Compounds, Toxicity Blood Urine, Nitrobenzenes, Toxicity Blood Urine, Maximum Permissible

- Exposure Level, Nitroso Compounds, Hydroxylamines, Cyanosis Chemically Induced, Anaemia, Epidemiological Methods]
- 1974 Yant Memorial Lecture: Fifty years of British occupational hygiene.** (English)
Warner, C. G. *Amer. industr. Hyg. Ass. J.*, **35**, 381-90, Jul. 74.
[Historical Article, Education, Great Britain, Work, Time Factors, Efficiency, Fatigue, Certification, Environmental Pollution, Legislation Medical, Ownership, Government]
- Use of breath analysis to monitor trichloroethylene exposures.** (English)
Stewart, R. D., Hake, C. L., Peterson, J. E. *Arch. Environm. Hlth*, **29**, 6-13, Jul. 74.
[Breath Tests, Trichloroethylene Analysis, Atmosphere Exposure Chambers, Chromatography, Gas, Time Factors, Alcohol Ethyl]
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- Studies on experimental bronchitis and obstructive emphysema.** (German)
Sklenky, B. Z. *ges. Hyg.*, **19**, 874-7, 1973.
[Human, Animal Experiments, Rabbits, Rats, Carbon Adverse Effects, Diazomethane Adverse Effects, Granuloma Aetiology, Pneumoconiosis, Silicosis Aetiology, Sodium Hydroxide]
- State of certain enzymatic systems in patients with occupational dermatoses.** (Russian)
Shaparenko, M. V., Shakhtmeister, I. I. A. *Sovetsk. Med.*, **37**, 127-9, Mar. 74.
[Alanine Aminotransferase, Aldolase, Aminotransferases, Asparagine, Cholinesterase, Eczema Enzymology, Glutamates, Occupational Dermatitis Enzymology, English Abstract]
- Prevalence of chronic bronchitis symptoms in workers of chemical industries (Author's translation).** (French)
Sanna-Randaccio, E. *Acta. tuberc. pneumol. belg.*, **65**, 88-92, Jan. 1974.
[Age Factors, Bronchitis Occurrence Diagnosis, Chemical Industry, Chronic Disease, Comparative Study, Cough Aetiology, Occupations, Smoking Complications, Spirometry, English Abstract]
- The prevention of accidents at work. The rôle of first aid training.** (English)
Atherley, G. R., Hale, A. R. *Roy. Soc. Hlth J.*, **93**, 192-4, Aug. 73.
[Human, Accident Prevention, First Aid, Allied Health Personnel Education, Canada, England]
- Alpha-antitrypsin, S.T.I.C. (serum trypsin inhibitory capacity) and T.P.E. activity (trypsin-protein esterase activity) in the blood of a group of solderers.** (Italian)
Lotti, M., Mazzotta, M. *Med. Lav.*, **64**, 437-48, Nov. 73.
[Animal, Human, Trypsin Inhibitors Blood, Alloys Adverse Effects, Nitrogen Dioxide Adverse Effects, Bronchial Diseases, Welding]
- An industrial dermatitis clinic. Results of a five year pilot study.** (English)
Budden, M. G., Kirton, V., Wilkinson, D. S. *Trans. St. John's Hosp. Derm. Soc. (Lond.)*, **59**, 261-8, 1973.
[Occupational Dermatitis, Hospital Outpatient Clinics, England, Industry, Skin Tests]
- Intoxication by products used in photography (baths, fixatives, developers).** (French)
Larcen, A., Lambert, H., Laprevote-Heully, *Eur. J. Toxicol.*, **7**, 17-21, Jan. 74.
[Photography, Poisoning, Methemoglobinaemia Chemically Induced, Haematocrit, Oesophagoscopy, Hydroquinones, Oxidation-reduction, Phenindione, Phenols, Glycine, Pyrogallol, Phenylenediamines, Solvents, Buffers, Thiocyanates, Silver, Cyanides, English Abstract]
- An epidemiologic study of mortality within a cohort of rubber workers, 1964-72.** (English)
McMichael, A. J., Spirtas, R. *J. occup. Med.*, **16**, 458-64, Jul. 74.
[Comparative Study, Rubber, Mortality, Prospective Studies, Age Factors, Stomach Neoplasms, Lymphatic Diseases, Leukaemia, Intestinal Neoplasms, Prostatic Neoplasms, Respiratory Tract Neoplasms, Bladder Neoplasms, Diabetes Mellitus, Cardiovascular Diseases, Coronary Disease, Central Nervous System Diseases]
- Chronic respiratory disease in four occupational groups.** (English)
Lefcoe, N. M., Wonnacott, T. H. *Arch. environm. Hlth*, **29**, 143-6, Sep. 74.
[Comparative Study, Respiratory Tract Diseases Occurrence, Occupations, Physicians, Agriculture, Fires, Chemical Industry, Bronchitis Occurrence, Asthma Occurrence, Respiratory Function Tests, Regression Analysis, Smoking Physiopathology, Age Factors, Body Height]