

BIBLIOGRAPHY OF PHARMACEUTICAL RESEARCH

Compiled by A. G. DuMez, Reporter on the Progress of Pharmacy.

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- Anon
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- Pročke, Otto
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Ichthyol-containing medicinal preparations
Papers Karpov Chem. Inst. Bach Memorial, Vol. (1927), 174; through *Chem. Abstr.*, 22 (1928), 3261
Storp and Abel
Chemistry of iodocatgut
Veroffentl. Gebiete Sanitätswesen, No. 80 (1926), 1-48; through *Chem. Abstr.*, 22 (1928), 3287
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PHARMACOLOGY AND THERAPEUTICS.

- Devrient
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Kasansky Medizinski Journ. (Oct. 1927); through *J. pharm. Belg.*, 10 (1928), 673
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Pharmacological determination of the activity of hashish and cannabis
Arch. exptl. Path. Pharmakol., 129 (1928), 5; through *J. pharm. Belg.*, 10 (1928), 642
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Essential oils as antifevers
Am. J. Pharm., 100 (1928), 524
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Clinical experience with irradiated ergosterol
J. A. M. A., 91 (1928), 783
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Biochem. Z., 181 (1927), 172; through *J. pharm. chim.*, 10 (1928), 183
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Report on the bioassay of drugs
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- Ordway, Thomas, and Gorham, L. W.
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- Pittenger, Paul S.
Action and biologic assay of ephedrine.
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- Rodriguez, F. E.
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J. A. M. A., 91 (1928), 708
- Rowe, L. W.
Notes on digitalin standardization
Jour. A. Ph. A., 17 (1928), 645
- Rydin, Hakan
Contribution to the pharmacodynamic study of nicotine
Arch. internat. Pharmacod. et Therap., 34 (1928), 391; through *J. Pharm. Belg.*, 10 (1928), 672
- Simonart, Andre
Physiologic study of the methyl ether of homocholine
Arch. intern. pharmacodynamie, 34 (1928), 375; through *J. pharm. Belg.*, 10 (1928), 658
- Simmons, James S.
Bacteriocidal action of mercurochrome-220 soluble and iodine solutions in skin disinfection
J. A. M. A., 91 (1928), 704
- Standiger, and Ruzicka
Pyrethrines, new anthelmintics
Rev. Scientific (1928), 480; through *J. pharm. Belg.*, 10 (1928), 656
- Swanson, E. E., and Hargraves, C. C.
Standardization of digitalis preparations
Jour. A. Ph. A., 17 (1928), 641
- West, Randolph, and Nichols, Emily G.
Liver fractions in pernicious anemia
J. A. M. A., 91 (1928), 867
- Wilkie, David
Relation between concentration and action of adrenaline
J. Pharmacol., 34 (1928), 1
- Wilson, W. C.
Treatment of burns and scalds with tannic acid
Brit. Med. J. (1928), 91; through *Pharm. J.*, 121 (1928), 244
- Zeigler, W. H.
Study of the absorption and antiseptic properties of iodine ointments
Jour. A. Ph. A., 17 (1928), 648
- VEGETABLE AND ANIMAL DRUGS.**
- Mannich, C., and Yih, Sze
Tubers of *Pinellia Tuberifera*
Festschrift A. Tschirch (1926), 158; through *Chem. Abstr.*, 22 (1928), 3486
- Penau, H., and Ple, J.
Study of pepsin
Bull. Soc. Chim. Biol. (1928), 779; through *J. Pharm. Belg.*, 10 (1928), 653
- Stuhr, Ernst T.
Medicinal plants of Florida
Jour. A. Ph. A., 17 (1928), 761
- Sullivan, M. X., and Smith, M. I.
Loosely bound sulphur in pituitary extracts
U. S. Public Health Service Repts., 43 (1928), 1334; through *Chem. Abstr.*, 22 (1928), 3487
- ALKALOIDS AND GLUCOSIDES.**
- Baggesgaard-Rasmussen, H., and Schou, Aage
Determination of morphine in aqueous solutions
Dansk Tids. Farm., 2 (1928), 233
- Bliss, A. R.
Report on the estimation of ipecac alkaloids
J. A. O. A. C., 11 (1928), 339
- Bridel, M., and Desmarest, M.
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J. pharm. chim., 8 (1928), 153
- Bridel, M., and Desmarest, M.
Properties of an emulsion twenty-three years old
J. pharm. chim., 10 (1928), 201
- Paget, Marcel, and Loheac, Paul
Determination of epinephrine in suprarenal gland
J. pharm. chim., 8 (1928), 159
- Eaton, Edgar O.
Report of the determination of cocaine
J. A. O. A. C., 11 (1928), 328
- Ekkert, Lad
Contribution to the color reactions of atropine
Pharm. Zentralh., 69 (1928), 529
- Elger, F.
Occurrence of harmine in yagé
Helv. Chim. Acta, 11 (1928), 162; through *Chem. Abstr.*, 22 (1928), 3263

- Espinosa
Identification of alkaloids with Dragendorff's reagent
Ann. Lég. Crim. police Sc., 7 (1927), 213; through *Pharm. Weekbl.*, 65 (1928), 880
- Fulton, Charles C.
Some new and improved tests for morphine and related alkaloids
J. Lab. Clin. Med., 13 (1928), 750
- Glycart, C. K.
Report on microchemical methods for alkaloids
J. A. O. A. C., 11 (1928), 353
- Jonesco-Martin, A., and Varcovici, H.
Determination of alkaloids by the mercurimetric method
Bul. soc. chim. România, 10 (1928), 5; through *J. Soc. Chem. Ind.*, 47 (1928), 690
- Kariyone, T., and Kondo, K.
A study of aucubin
J. Pharm. Soc. Japan, No. 557 (1928), 679
- Kofler, L., and Brauner, M.
Saponin of primula root
Festschrift A. Tschirch (1926), 351; through *Chem. Abstr.*, 22 (1928), 3487
- Kondo, H., and Tomita
Constitution of trilobine and homotrilobine
J. Pharm. Soc. Japan, No. 557 (1928), 659
- Martell, P.
On cocaine
Pharm. Zentralh., 69 (1928), 551
- Mayer, Joseph L.
Source of error in the assay of belladonna plaster
Jour. A. Ph. A., 17 (1928), 661
- Miller, Emerson R.
Cornin, a glucoside from Cornus Florida, L.
Jour. A. Ph. A., 17 (1928), 744
- Schoof
Isolation of alkaloids by means of trichloroacetic acid
Bull. acad. med. Belg., 7 (1927), 832; through *Pharm. Weekbl.*, 65 (1928), 883
- Schülek, E., and Varstagh, G.
Separation of novocaine and codeine and their determination in mixtures
Ber. Ungar. Pharm. Gez. (1928), No. 3; through *J. pharm. Belg.*, 10 (1928), 638
- Uglow, W. A., and Schapiro, A. M.
New method for the determination of caffeine in tea
Z. Untersuch. Lebensm. (1928), 2; through *J. pharm. Belg.*, 10 (1928), 656
- Warren, L. E.
Determination of atropine in the presence of morphine
J. A. O. A. C., 11 (1928), 377
- Zechner, Ludwig and Wischo, Fritz
Quantitative determination of condurangine
Pharm. Post, Nos. 4 and 5; through *J. pharm. Belg.*, 10 (1928), 620
- ESSENTIAL OILS.**
- Kaiser, Hans, and Eggensperger, Karl
Determination of essential oils in drugs
Pharm. Ztg., 73 (1928), 1036
- Moudgill, K. I.
Zingiber officinale rhizome oil
J. Indian Chem. Soc., 5 (1928), 251; through *J. Soc. Chem. Ind.*, 47 (1928), 691
- Netz, C. V.
Estimation of oil in extract of lemon
Jour. A. Ph. A., 17 (1928), 663
- OILS, FATS AND WAXES.**
- Warren, L. E.
Report on tests for chaulmoogra oil
J. A. O. A. C., 11 (1928), 330
- MISCELLANEOUS PLANT CONSTITUENTS.**
- Gordon, Samuel M.
Non-volatile constituents of *Mentha aquatica*, Linne
Am. J. Pharm., 100 (1928), 509
- Keller, O.
Non-alkaloid constituents of ipecac
Festschrift A. Tschirch (1926), 85; through *Chem. Abstr.*, 22 (1928), 3486
- Suzuki, K.
Constituents of *Polypodium hastatum* Thunb.
J. Pharm. Soc. Japan, No. 557 (1928), 712
- GENERAL AND PHYSICAL CHEMISTRY.**
- Aoyama, S., and Daigo, T.
Colorimetric estimation of silver chloride and barium sulphate turbidity
J. Pharm. Soc. Japan, No. 557 (1928), 702
- Boutaric, A., and Perreau, C.
Adsorption of arsenous anhydride by ferric hydroxide
J. pharm. chim., 10 (1928), 211
- Collins, W. D., et al.
Recommended specifications for analytical reagent chemicals
Ind. Eng. Chem., 20 (1928), 979
- Eyring, Henry
Molecular weights of saturated vapors by the effusion method
J. Am. Chem. Soc., 50 (1928), 2398

- King, E. J., and Lucas, C. C.
Use of picric acid as an artificial standard in the colorimetric estimation of silica
J. Am. Chem. Soc., 50 (1928), 2395
- Pappe, T. F.
Notes on the assay methods of the U. S. P. X
JOUR. A. PH. A., 17 (1928), 844
- Roe, Robert S.
Report on the assay of mercurials
J. A. O. A. C., 11 (1928), 343
- Wales, H.
Report on the assay of arsenicals
J. A. O. A. C., 11 (1928), 326
- Weil, St., and Poplawski, W.
Methods of analysis and chemical evaluation of arsenobenzenes
Rapport IV Congrès Internat. Méd. Pharm. Milit. (1927), 1-24; through *Chem. Abstr.*, 22 (1928), 3261
- Zimmermann, Walther
Results of the examination of drugs and chemicals in 1927
Pharm. Zentralh., 69 (1928), 531
- INORGANIC CHEMICALS.**
- Cripps, R. A., and Hoyland, F. W.
Ammonium carbonate, B. P., in dispensing
Pharm. J., 121 (1928), 236
- Maurina, F. A.
Assay of phosphoric acid
JOUR. A. PH. A., 17 (1928), 669
- Pañganiban, Elias H., and Soliven, Florencio A.
Modified confirmatory test for aluminum
J. Am. Chem. Soc., 50 (1928), 2427
- Rogers, Charles
Method for the quantitative estimation of sulphide sulphur in Potassa Sulphurata
JOUR. A. PH. A., 17 (1928), 658
- Schmatolla, Otto
Tests for aluminum acetate of the German Pharmacopœia 6
Pharm. Zentralh., 69 (1928), 568
- Stover, Norman M.
Diphenylcarbazied as a test for chromium
J. Am. Chem. Soc., 50 (1928), 2363
- ORGANIC CHEMICALS.**
- Burt, Joseph B.
Effect of sunlight on citric acid in presence of ferric salts
JOUR. A. PH. A., 17 (1928), 650
- Chennitius, F.
Preparation of phenylquinoline carboxylic acid
Pharm. Zentralh., 69 (1928), 549
- Clevenger, J. F.
Analysis of ginger and its preparations
JOUR. A. PH. A., 17 (1928), 630
- Dean, Arthur L., et al.
Synthesis of iododihydrochaulmoogric acid and its ethyl ester
U. S. Public Health Service Bull., No. 168 (1927), 28-30; through *Chem. Abstr.*, 22 (1928), 3263
- Ekkert, L.
Reactions of atophan and novatophan
Ber. Ungar. Pharm. Ges. (1927), 459; through *Pharm. Weekbl.*, 65 (1928), 851
- Elliott, Fred L.
Report on the quantitative determination of pyramidon
J. A. O. A. C., 11 (1928), 350
- Harrison, C. W.
Report on the quantitative determination of terpin hydrate
J. A. O. A. C., 11 (1928), 359
- Heederik, P. E.
Destruction of organic matter in toxicological analyses
Pharm. Weekbl., 65 (1928), 861
- Horner, A. P., and Gardenier, Clyde B.
Further researches in the explosibility of anesthetics
Anesthesia and Analgesia, 7 (1928), 69; through *Chem. Abstr.*, 22 (1928), 3265
- Howard, Charles D.
Report on the determination of alcohol in drugs
J. A. O. A. C., 11 (1928), 318
- Jones, Llewelyn
Report on the assay of silver proteinates
J. A. O. A. C., 11 (1928), 355
- Kunke, W. F.
Report on the assay of chloroform and carbon tetrachloride
J. A. O. A. C., 11 (1928), 335
- Procke, Otto
Note on the tests for purity of sodium benzoate and caffeine sodio-benzoate of the Austrian Pharmacopœia VIII
Časopis Československého Lékárnictva 6, (1926), 1; through *Chem. Abstr.*, 22 (1928), 3489
- Sandquist, Håkan, and Lindström, Thorsten H.
Investigation of phenylethyl-malonylcarbamide sodium
Farm. Revy, 27 (1928), 533
- Spencer, G. C.
Report on the determination of ether in medicinal preparations
J. A. O. A. C., 11 (1928), 360
- Van Urk, H. W.
Sensitive method for obtaining the thalleioquin reaction with quinine
Pharm. Weekbl., 65 (1928), 847