

BIBLIOGRAPHY OF PHARMACEUTICAL RESEARCH

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

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Arch. Internat. pharmacodynamie, 30 (1925), 275; through *Chem. Abstr.*, 20 (1926), 1494

Heymans, M. C., and Bauckaert, J. J.

Acetylene as a general anesthetic

Compt. rend. soc. biol., 93 (1925), 1036; through *J. pharm. chim.*, 3 (1926), 379

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Pharm. Zentralh., 67 (1926), 228

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Indian J. Med. Research, 13 (1926), 533; through *Chem. Abstr.*, 20 (1926), 1302

Defillon, F.

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J. pharm. chim., 3 (1926), 323

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Compt. rend. acad. sci., 181 (1925), 523; through *Bull. sci. pharmacol.*, 33 (1926), 271

Bridel, M., and Picard, P.

On the preparation and properties of monotroposide

Compt. rend. acad. sci., 180 (1925), 1864; through *Bull. sci. pharmacol.*, 33 (1926), 271

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Compt. rend. acad. sci., 180 (1925), 1770; through *Bull. sci. pharmacol.*, 33 (1926), 271

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Pharm. Ztg., 71, 26; through *Drug. Circ.*, 70 (1926), 198

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Gordin's method for the determination of alkaloids

Arch. med. leg., 1 (1925), 325; through *Chem. Abstr.*, 20 (1926), 1302

Glaser, E., and Thaler, A. C.

The influence of the acid characters of polynitrophenol and nitronaphthol on their ability to form glucosides

Arch. Pharm., 3 (1926), 228

Hérissey, H.

Estimation of asperuloside in plants. Extraction of this glucoside from *Galium aparine* L

J. pharm. chim., 3 (1926), 353

Koebenagel, and Fried

Ricinine

Ber., 58, 2124; through *Drug. Circ.*, 70 (1926), 196

Machiguchi, E.

Studies on Japanese opium

J. Pharm. Soc. Japan, 529 (1926), 185

Métin

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Bull. sci. pharmacol., 33 (1926), 197

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Pharm. Zentralh., 67 (1926), 193

Polonovski, M., and M.

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Compt. rend. acad. sci., 181 (1925), 887; through *J. pharm. chim.*, 3 (1926), 323

Rouhier, A.

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Bull. sci. pharmacol., 33 (1926), 257

Rundshagen

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Chem.-Ztg., 50 (1926), 42; through *Pharm. Zentralh.*, 67 (1926), 263

Windaus, A., Revere, G., and Schwieger, A.

Cymarin and strophanthin

Ber. deutsch. chem. Gesellsch., 58 (1925), 1509; through *Pharm. Zentralh.*, 67 (1926), 263

Windaus, A., and Westphal, K.

Oleandrin

K. Ges. Wiss. Göttingen (1925); through *Schweiz. Apoth. Ztg.*, 64 (1926), 148

Zekert, O.

Indian opium

Arch. Pharm., 3 (1926), 237

OILS, FATS AND WAXES.

André, E., and Guichard, F.

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Compt. rend. acad. sci., 181 (1925), 228; through *Bull. sci. pharmacol.*, 33 (1926), 271

Dieterle, H.

Contribution to the knowledge of oils in the seed of *Datura alba* Nees

Arch. Pharm., 264 (1926), 140

Read, B. E.

Bibliography of chaulmoogra oil

China Med. J., 39 (1925), 623; through *Chem. Abstr.*, 20 (1926), 1493

Read, B. E.

Notes on the preparation and use of the ethyl esters from the chaulmoogra oils

China Med. J., 39 (1925), 612; through *Chem. Abstr.*, 20 (1926), 1493

ESSENTIAL OILS.

Anon

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Perf. & Ess. Oil Rec., 17 (1926), 131

Anon

Fennel oil

Chem. & Drug., 104 (1926), 619

Hogstad, A., Jr.

Origin, nature and physiological rôle of the essential oil of American wormseed. III

Am. J. Pharm., 98 (1926), 195

Hogstad, A., Jr.

Some studies on the so-called "Western" oil of American wormseed. I

Am. J. Pharm., 98 (1926), 188

Huerre, R.

Assay of oil of cade

J. pharm. chim., 3 (1926), 314

Konnerth, R. A.

How varied conditions affect some essential oils

Am. Perfumer, 20 (1926), 695; through *Chem.*

Abstr., 20 (1926), 1301

Krastelevski, W.

Essential oil of *Andropogon citratus*, DC. from Sukhum (Caucasia)

Arb. Chem-Pharm. Inst. Moskaus, 11 (1925),

159; through *J. Soc. Chem. Ind.*, 45 (1926),

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Krastelevski, W.

Yield of some essential oils from Sukhum (Caucasia)

Arb. Chem-Pharm. Inst. Moskaus, 11 (1925),

163; through *J. Soc. Chem. Ind.*, 45 (1926),

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Liotta, P.

Oil from leaves and twigs of the lemon tree (petitgrain)

Riv. ital. essenze e profumi, 7 (1925), 107;

through *J. Soc. Chem. Ind.*, 45 (1926),

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Lynn, E. V., Lehman, A., and Cain, R.

The volatile oil of *Ledum Groenlandicum*

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Netz, C. V.

Determination of the amount of oil in spirit of peppermint

JOUR. A. PH. A., 15 (1926), 278

Paget, H.

***Chenopodium* oil**

Analyst (April 1926), 170; through *Chem. &*

Drug., 104 (1926), 597

Penfold

Oil of *Eriostemon*

J. Royal Soc. N. S. Wales, 59, 206; through

Chem. & Drug., 104 (1926), 597

Pigulevski, G. V., and Vladimirova, V. V.

Formation of essential oil in *Pinus strobus*

J. Russ. Phys.-Chem. Soc., 56 (1925), 359;

through *Perf. & Ess. Oil Rec.*, 17 (1926),

131

Rutovski, B., Winogradova, I., and Koltove, G.

Essential oils of Sochi district (Caucasia)

Arb. Chem-Pharm. Inst. Moskaus, 11 (1925),

118; through *J. Soc. Chem. Ind.*, 45 (1926),

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Rutovski, B., Winogradova, and Kondratski, A.

Essential oils of the Crimea

Arb. Chem-Pharm. Inst. Moskaus, 11 (1925),

59; through *J. Soc. Chem. Ind.*, 45 (1926),

B340

Rutovski, B., Winogradova, I., and Koslov, W.

Essential oils from the Sukhum district (Caucasia)

Arb. Chem-Pharm. Inst. Moskaus, 11 (1925),

93; through *J. Soc. Chem. Ind.*, 45 (1926),

B340

Short, W. F.

Oil of Manuka

J. Soc. Chem. Ind. (April 6, 1926)

Sinclair, W. M.

Aldehydes and essential oils from cacti

Perf. & Ess. Oil Rec., 17 (1926), 135

Thoms, H.

Detection of ethyl phthalate in essential oils

Apoth. Ztg., 40 (1925), 196; through *Chem.*

Abstr., 20 (1926), 1493

GENERAL AND PHYSICAL
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Bruère, P.

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J. pharm. chim., 3 (1926), 377

Lüers, H., and Weinfurter, F.

Determining the effectiveness of trade disinfectants

Wchschr. Brau., 43 (1926), 25-9; through

Chem. Abstr., 20 (1926), 1301

INORGANIC CHEMICALS.

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Color reactions of citric, oxalic and tartaric acids with $FeCl_3-H_2SO_4$ -pyramidon-resorcin mixture

Schweiz. Apoth. Ztg., 64 (1926), 177

Austen, W.

Quick method for estimation of iodine number with iodine and alcohol

Pharm. Zentralh., 67 (1926), 209

Fridli, R.

On the quantitative estimation of arsenic as metallic arsenic and as ammonium-magnesiumarsenate-(hexahydrate)

Pharm. Zentralh., 67 (1926), 241

Girard, and Fourneau

A new method of great sensitiveness for the detection, separation and estimation of bismuth

Compt. rend. acad. sci. (Nov. 3, 1925); through *Schweiz. Apoth. Ztg.*, 64 (1926), 179

Rae, J.

Testing of spirit of nitrous ether

Pharm. J., 115 (1925), 633; through *Pharm. Zentralh.*, 67 (1926), 248

Shireman, A. F.

Assay of phosphoric acid and the sodium phosphates

JOUR. A. PH. A., 15 (1926), 267

ORGANIC CHEMICALS.

Abel, J. J.

Crystalline insulin

Proc. Nat. Acad. Sci., 12 (1926), 132; through *Chem. Abstr.*, 20 (1926), 1494

Dietzel, R., and Krug, R.

Optical investigation of lactic acid and its anhydride

Arch. Pharm., 3 (1926), 117

Ekkert, L.

Contribution to the reactions of antipyrine, amidopyrine and pyrimidons

Pharm. Zentralh., 67 (1926), 196

Fleury, P.

Action of salts of mercury on the veronal series

J. pharm. chim. [8], 2 (1925), 465; through *Chem. Abstr.*, 20 (1926), 495

Herboth, L.

The influence of sodium hydroxide solution on the adsorption of arsenious acid by ferric saccharate

Arch. Pharm., 264 (1926), 181

Hérissey, H., and Cheymol, J.

On the sugars furnished by humic acid

Compt. rend. acad. sci., 181 (1925), 565; through *Bull. sci. pharmacol.*, 33 (1926), 271

Ishio, M.

On the constitution of eleostearic acid

J. Pharm. Soc. Japan, 529 (1926), 228

Keelan, H. S.

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JOUR. A. PH. A., 15 (1926), 277

Khouri, J.

Uremia and oxalaemia

J. pharm. chim., 3 (1926), 374

Oesterle, O. A. V., and Wander, G.

"Diosmin"

Pharm. Acta Helv., 1 (1926), 3

Rupp, E.

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Chem.-Ztg., 49 (1925), 42; through *Pharm. Zentralh.*, 67 (1926), 213

Shimidzu, T.

Action of cyanogen bromide upon quinoline

J. Pharm. Soc. Japan, 529 (1926), 243

Updegraff, H.

Presence of sugar in saliva

Dental Cosmos, 68 (1926), 237; through *Chem. Abstr.*, 20 (1926), 1302

Valentin, H., and Lieber, A.

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Apoth. Ztg., 40 (1925), 575; through *Pharm. Zentralh.*, 67 (1926), 212

Vanino, L., and Guyot, O.

Salts of anhydromethylencitronic acid

Arch. Pharm., 264 (1926), 113

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J. pharm. chim., 3 (1926), 366

ESSENTIAL OILS AND SYNTHETIC PERFUMES.*

BY JOHN GLASSFORD.

We do most things either to avoid pain or to induce pleasure, and, in this paradoxical world of ours, it is through the same five senses that we get what is coming to us or what we go after. Music lovers say that the most sublime heights are reached through music and the sense of hearing, but that is a matter of taste and many of us no doubt would thrill more intensely over a view of the Grand Canyon or Niagara Falls than over the most beautiful symphony ever composed. The

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