PUBLICATIONS
OF
LOUIS KAHLENBERG AND ASSOCIATES*
1903–41

NORRIS F. HALL
University of Wisconsin, Madison

SCIENTIFIC PAPERS
— 1903 —

49. Louis Kahlenberg
   The theory of electrolytic dissociation.
   School Science, 2, 395–400.

50. Louis Kahlenberg
   The alloying of metals as a factor in electroplating.

51. Louis Kahlenberg and Otto E. Ruhoff
   On the electrical conductivity of solutions in amylamine.

52. Louis Kahlenberg
   Action of metallic magnesium upon aqueous solutions.
   299–312.

53. Louis Kahlenberg
   The teaching of physical chemistry to beginning students.

54. Harrison Eastman Patten and William Roy Mott
   Experimental determination of the single potentials of the alkali
   metals, sodium and potassium.

55. Harrison Eastman Patten
   Action upon metals of solutions of hydrochloric acid in various
   solvents.

56. Louis Kahlenberg
   On the electrical conductivity of solutions in sulphocyanates and
   mustard oils.

* The completion of this bibliography, as well as the part previously pub-
lished, is due entirely to the initiative and interest of Professor Henry L.
Shuette.

57. Gustave Fernekes
   Action of sodium and potassium amalgams on various aqueous solutions.

58. Harold Everett Eggers
   On the dielectric constants of solvents and solutions.

59. Louis Kahlenberg
   The electrochemical series of the metals.

— 1905 —

60. Louis Kahlenberg and Herman Schlundt
   On the liberation of hydrogen during the action of sodium on mercury.

61. Louis Kahlenberg
   On the specific inductive capacity of oleic acid and its salts.

62. Louis Kahlenberg
   Uber das Problem der Loesungen.

63. Joseph Howard Mathews
   On the relation between electrolytic conduction, specific inductive capacity and chemical activity of certain liquids (with a bibliography of dielectric constants).

64. Louis Kahlenberg
   Recent investigations bearing on the theory of electrolytic dissociation.

65. Joseph Gerard Holty
   Solubility and specific rotatory power of carbohydrates and certain organic acids and bases in pyridine and other solvents.

66. Louis Kahlenberg
   The theory of electrolytic dissociation.
   (A rectification of the "correction" by Professor Harry Jones.)

67. Louis Kahlenberg
   On the nature of the process of osmosis and osmotic pressure with observations concerning dialysis.
68. Joseph Howard Mathews
   On the relation between electrolytic conduction, specific inductive
   capacity and chemical activity of certain liquids. A correction.

69. Louis Kahlenberg and A. S. McDaniel
   Differences of potential between manganese and lead peroxides and
   various aqueous and non-aqueous solutions.

70. Louis Kahlenberg and Roland B. Anthony
   Sur le Pouvoir inducteur spécifique de solutions des oleates de divers
   metaux lourds.

71. John Langley Sammis
   On the relation of chemical activity to electrolytic conductivity.

72. Frederick Lafayette Shinn
   On the optical rotatory power of salts in dilute solutions.

73. Louis Kahlenberg
   Osmotic pressure. The bearing of actual osmotic experiments upon
   the conception of the nature of solutions.

74. Louis Kahlenberg and Robert K. Brewer
   Equilibrium in the system: silver nitrate and pyridine.

75. Louis Kahlenberg and Robert Koenig
   Latent heat of vaporization and specific heat of methyl silicate.

76. Louis Kahlenberg
   On the nature of electrolytic conductors.

77. Louis Kahlenberg and Francis C. Krauskopf
   A new method of separating lithium chloride from the chlorines of
   the other alkalies, and from the chloride of barium.

78. Louis Kahlenberg
   The metals in electrochemistry.
   Science, 74, 79–82.

79. Louis Kahlenberg
   Osmotic studies.
80. Wendell B. Wilcox
   The validity of Faraday's law at low temperatures.

81. Arden R. Johnson
   Electrolytic production of iodoform.

82. Louis Kahlenberg and Walter J. Wittich
   Equilibrium in the system, silver chloride and pyridine.

— 1910 —

83. Louis Kahlenberg
   The past and future of the study of solutions.
   Science, 31, 41–52.

84. Francis C. Krauskopf
   The vapor pressure of water and aqueous solutions of sodium chloride, potassium chloride, and sugar.

85. David Klein
   On the effect of water in causing chemical reactions.

86. Louis Kahlenberg
   On the relative basicity of the metals as shown by their power to replace one another in chemical compounds.

87. Louis Kahlenberg
   Some factors in the progress of scientific research.

88. Herman Schlundt
   The radioactivity of some spring waters of Madison, Wisconsin.

— 1911 —

89. David Klein
   The influence of organic liquids upon the interaction of hydrogen sulphide and sulphur dioxide.

90. Charles Baldwin Gates
   The replacement of the metals in non-aqueous liquids and the solubility of metals in oleic acid.

91. Louis Kahlenberg and David Klein
   On the interaction of sodium and mercury.

92. Francis C. Krauskopf
   Action of the oxides of lead on potassium tartrate.
98. Horace G. Deming
   Some new solvents for cellulose and their action on this substance.

94. Alonzo Simpson McDaniel
   The absorption of hydrocarbon bases by non-aqueous liquids.

95. Arden R. Johnson
   On the dissolution of a metal in a binary solution, one component acid.
   Physical Review, 33, 27–42.

   — 1912 —

96. Arden Richard Johnson
   A study of organic boro-nitrogen compounds.

97. George W. Heise
   Equilibrium in systems consisting of lead halides and pyridine.

   — 1913 —

98. Leon I. Shaw
   Studies of the electrical conductance of non-aqueous solutions.

99. C. Ferdinand Nelson
   Studies on osmosis.

   — 1914 —

100. Emil Oscar Ellingson
    On abietic acid and some of its salts.

101. Alfred E. Koenig
    On the stearates and palmitates of the heavy metals with remarks
    concerning instantaneous precipitations in insulating solutions.

102. A. F. McLeod
    The Walden inversion — A critical review.

103. A. R. Johnson
    The chemistry of boron and some new organic-boron compounds.

   — 1918 —

104. Alfred E. Koenig
    The osmotic action of solutions of cane sugar, silver nitrate, and
    lithium chloride in pyridine when separated from pyridine by a
    rubber membrane.
105. Louis Kahlenberg and John A. Montgomery
The effect of amalgamation upon the single potential of aluminum.

106. Louis Kahlenberg and John Montgomery
The effect of amalgamation upon the single potentials of the binary
alloys of aluminum with copper, zinc and nickel.

107. Chester A. Pierle
The electrochemistry of uranium and the single potentials of some
oxides of uranium.

108. Louis Kahlenberg
The teaching of chemistry. Chapter V, 110–125 of "College Teaching,
Studies in Methods of Teaching in the College". Paul Klapper,
editor. World Book Co., N. Y.

109. Louis Kahlenberg and George J. Ritter
On the catalytic hydrogenation of cottonseed oil.

110. Louis Kahlenberg and William J. Trautman
Reduction by means of silicon.

111. Louis Kahlenberg
On some new color reactions of cholesterol.

112. Louis Kahlenberg and John Vernon Steinle
On the single potential of arsenic and its power to replace other
metals in solutions.

113. Louis Kahlenberg and Tsu Pei Pi
On the catalytic hydrogenation of certain oils.

114. Louis Kahlenberg and Herman H. Kahlenberg
The preparation of metallic tungsten and some of its alloys.

115. Louis Kahlenberg
Stephen Moulton Babcock.
116. Louis Kahlenberg
   On the passage of boric acid through the skin by osmosis.
   —1925—

117. Herman Heald Kahlenberg
   Boron and boron suboxide.
   —1926—

118. John Vernon Steinle and Louis Kahlenberg
   A new method for the identification and estimation of cholesterol
   and certain other compounds.

119. Louis Kahlenberg
   On the separation of crystalloids from one another by dialysis.
   Phil. Mag., (7) 1, 385-394.

120. Harvey D. Royce and Louis Kahlenberg
   The electrode potential and replacing power of manganese.
   —1927—

121. Louis Kahlenberg and Ralph Traxler
   On the passage of boric acid and certain salts into fruits and vegetables.
   Plant physiology, 2, 39-54.

122. Louis Kahlenberg
   The American Electrochemical Society: A retrospect and a look into
   the future.

123. Louis Kahlenberg and Sidney J. French
   On the potentials of aluminum in aqueous solutions.
   —1928—

124. Sidney J. French and Louis Kahlenberg
   The nature of gas-metal electrodes.

125. John O. Closs and Louis Kahlenberg
   The use of simple metallic electrodes in the potentiometric titration
   of acids and bases.

126. Louis Kahlenberg and Norbert Barwasser
   On the time of absorption and excretion of boric acid in man.
   J. Biol. Chem., 79, 405-408.
— 1929 —

127. Louis Kahlenberg and John O. Closs
On the presence of aluminum in plant and animal matter.

128. Louis Kahlenberg and Albert C. Krueger
On simple methods of potentiometric titration of acids and bases.

— 1930 —

129. Louis Kahlenberg
On the teaching of electrochemistry.

130. Louis Kahlenberg and John O. Closs
Presence of aluminum in animal and plant matter.
J. Biol. Chem., 85, 783-784.

131. M. Leslie Holt and Louis Kahlenberg
Couples in the titration of acids and bases.

132. Albert C. Krueger and Louis Kahlenberg
Gas electrodes.

— 1931 —

133. M. Leslie Holt and Louis Kahlenberg
Potentiometric titration of alkaloids with bimetallic electrodes.

134. Louis Kahlenberg
The metals in electrochemistry.

135. H. D. Royce and Louis Kahlenberg
The composition of manganese amalgam and manganese-silver alloys
in relation to the electrode potential of manganese.

136. Charles R. Glass and Louis Kahlenberg
The effects of supports on the catalytic activity of nickel.

— 1932 —

137. Louis Kahlenberg
The relationship between electrical potentials and chemical reac-
tivity.
Science, 76, 353-358.

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138. M. Leslie Holt and Louis Kahlenberg
The electrodeposition of tungsten from aqueous alkaline solutions.
Metal Ind., (N. Y.) 31, 94.
139. Alfred W. Downes and Louis Kahlenberg
Chemistry of indium.

140. Harry N. Huntzicker and Louis Kahlenberg
The relation of hydrogen to nickel with special reference to the
 catalytic power of the latter.

141. Louis Kahlenberg and Ralph N. Traxler
The osmotic permeability of living plant membranes.

— 1934 —

142. John Steiner and Louis Kahlenberg
Potentiometric studies of passivity.

143. M. Leslie Holt
The co-deposition of tungsten and iron from aqueous solutions.

144. Louis Kahlenberg, Neal J. Johnson and Alfred W. Downes
The activation of gases by metals.

— 1935 —

145. William Krause and Louis Kahlenberg
On palladium-hydrogen.


BOOKS

— 1907 —

1. Louis Kahlenberg
Laboratory exercises in general chemistry.
Cantwell Printing Company, Madison, Wisconsin.

— 1909 —

2. Louis Kahlenberg
Outlines of chemistry. A textbook for college students.

— 1911 —

3. Louis Kahlenberg and James H. Walton, Jr.
Qualitative chemical analysis. A manual for college students.
Cantwell Printing Company, Madison, Wisconsin.

4. Louis Kahlenberg and Edwin B. Hart
Chemistry and its relation to daily life.
BOOK REVIEWS

20. W. Ostwald
   Pharm. Rev., 21, 84.

21. C. Arnold
   Abriss der allgemeinen orde physikalischen chemie, 1903.
   Pharm. Rev., 21, 341.

22. R. Hoeber
   Physikalische chemie der zelle und der gewebe, 1902.

23. John V. V. Booraem
   Internal energy. A method for the calculation of energy stored in
   Matter, 1908.

24. Oscar Loew
   Die chemische energie der lebenden zellen, 1906.

25. Alexander Classen
   Quantitative analyse durch electroyse, 1908.

26. Edward Thorpe
   History of chemistry.

27. Charles Baskerville and W. L. Estabrooke
   Progressive problems in general chemistry.

28. T. P. Hilditch
   A concise history of chemistry, 1911.

29. George Senter
   A textbook of inorganic chemistry, 1911.

* The list of books reviewed is probably not complete.
30. de Leon Foucault
   Mesure de la vitesse de la lumiere, etude optique des surfaces.

31. Thenard Schoenbein
   Eau oxygenee et ozone.

— 1915 —

32. Annual reports of the progress of chemistry for 1915, Chemical Society of London.

— 1916 —

33. A. F. Holleman and Herman C. Cooper
   A textbook of inorganic chemistry.