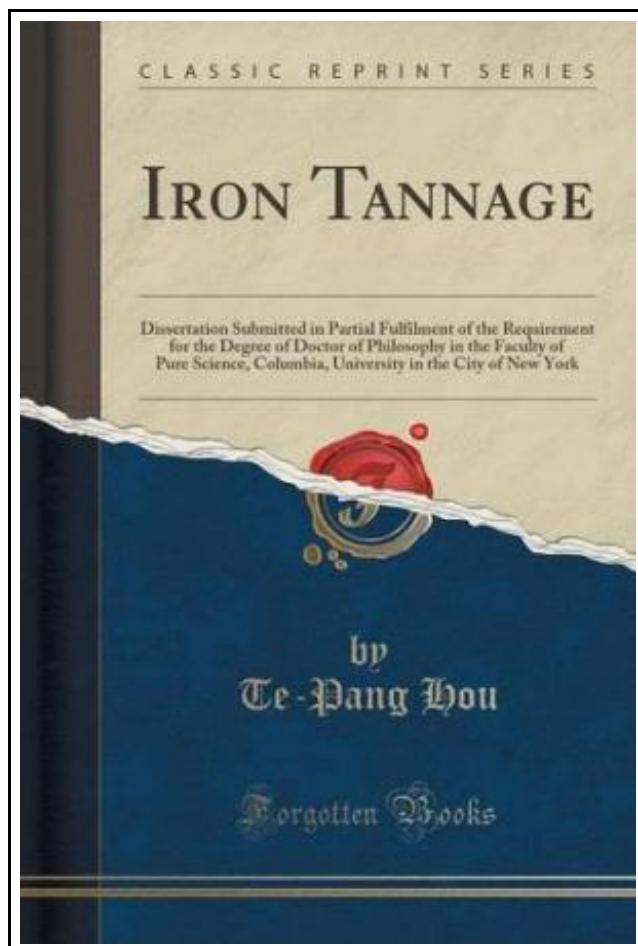


# Iron Tannage: Dissertation Submitted in Partial Fulfilment of the Requirement for the Degree of Doctor of Philosophy in the Faculty of Pure Science, Columbia, University in the City of New York (Classic Reprint)



Filesize: 7.23 MB

## Reviews

*If you need to adding benefit, a must buy book. It can be loaded with wisdom and knowledge I discovered this ebook from my dad and i encouraged this pdf to discover.  
(Darrin Kutch)*

## IRON TANNAGE: DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE DEGREE OF DOCTOR OF PHILOSOPHY IN THE FACULTY OF PURE SCIENCE, COLUMBIA, UNIVERSITY IN THE CITY OF NEW YORK (CLASSIC REPRINT)

[DOWNLOAD PDF](#)

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from Iron Tannage: Dissertation Submitted in Partial Fulfilment of the Requirement for the Degree of Doctor of Philosophy in the Faculty of Pure Science, Columbia, University in the City of New York As early as the latter half of the eighteenth century iron salts as tanning agents were proposed and experimented upon. From that time on attempt after attempt was made to obtain a satisfactory tannage with iron, but without material results. Different experimenters took up the matter with renewed enthusiasm, each cherishing a hope of thereby revolutionizing the tanning industry, but plants running on such processes were unsuccessful. When it is considered that next to alum, iron compounds were among the first inorganic salts introduced for mineral tannage, it may be realized how far iron tannage has fallen behind that of chrome and even of alum tannage at the present time. Diversified reasons have been given by different investigators to account for the unsatisfactory products obtained. No doubt, while some of these represent true causes responsible for the failure, much is due to a lack of understanding of the peculiar properties of the iron salts rather than to the intrinsic character of iron. It has been our object to make a study of iron tannage and to determine wherein the difficulties lie and how they may be met. True to the general trend of the Periodic Table, aluminum with the lowest atomic weight is the most acidic, while iron having the highest atomic weight is the most basic, with chromium lying in between. This accounts for some of the differences in the behavior of the three elements as tanning agents. But there seem to be,...

[Read Iron Tannage: Dissertation Submitted in Partial Fulfilment of the Requirement for the Degree of Doctor of Philosophy in the Faculty of Pure Science, Columbia, University in the City of New York \(Classic Reprint\) Online](#)

[Download PDF Iron Tannage: Dissertation Submitted in Partial Fulfilment of the Requirement for the Degree of Doctor of Philosophy in the Faculty of Pure Science, Columbia, University in the City of New York \(Classic Reprint\)](#)

## Other Books

---



### **Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: ( Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures) (Paperback)**

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Getting Your FREE Bonus Download this book, read it to the end and...

[Read Book »](#)

---



### **Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online (Paperback)**

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book. It is time for the digital talk. Today, kids are growing up in a wired world. Their...

[Read Book »](#)

---



### **No Friends?: How to Make Friends Fast and Keep Them (Paperback)**

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Do You Have NO Friends ? Are you tired of not having any...

[Read Book »](#)

---



### **History of the Town of Sutton Massachusetts from 1704 to 1876 (Paperback)**

Createspace, United States, 2015. Paperback. Book Condition: New. annotated edition. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This version of the History of the Town of Sutton Massachusetts...

[Read Book »](#)

---



### **Never Invite an Alligator to Lunch! (Paperback)**

Lucky Me Publishing, LLC, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. NEVER Invite an Alligator to Lunch! delivers a fun,...

[Read Book »](#)

**Marm Lisa (Dodo Press) (Paperback)**

Dodo Press, United Kingdom, 2007. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Kate Douglas Wiggin, nee Smith (1856-1923) was an American children s author

[Read Document »](#)**American Legends: The Life of Sharon Tate (Paperback)**

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Includes pictures \*Includes Tate s own quotes about her life and career \*Includes

[Read Document »](#)**Chicken Licken - Read it Yourself with Ladybird: Level 2 (Paperback)**

Penguin Books Ltd, United Kingdom, 2013. Paperback. Book Condition: New. 226 x 152 mm. Language: English . Brand New Book. In this classic fairy tale, a nut falls on Chicken Licken s head and he

[Read Document »](#)**Readers Clubhouse Set a a Truck Can Help (Paperback)**

Barron s Educational Series, United States, 2006. Paperback. Book Condition: New. 229 x 145 mm. Language: English . Brand New Book. This is volume eight, Reading Level 1, in a comprehensive program (Reading Levels 1

[Read Document »](#)**The Flag-Raising (Dodo Press) (Paperback)**

Dodo Press, United Kingdom, 2007. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Kate Douglas Wiggin, nee Smith (1856-1923) was an American children s author

[Read Document »](#)