

CONTENTS

Pulp

-
- 1 Report of 20th Pulping Seminar·····Pulp Technical Committee, JAPAN TAPPI
- 3 Fundamental Properties of Nanocellulose
·····Tsuguyuki Saito, Yuri Kobayashi, Shuji Fujisawa, Chun-Nan Wu and Akira Isogai
- 7 Basic Items of KP Bleaching·····Makoto Iwasaki
- 17 The Latest Ozone Generation Technology
·····Shinsuke Goto, Hajime Nakatani and Yoshiaki Odai
- 22 Optimization of Operating in Lime Kiln·····Yasuhiro Ogawa
- 26 The Measure against Operational Improvement of Green Liquor Clarifier of
Causticizing Process·····Hiroshi Fujita
- 30 The Evaluation of the Hydrogen Peroxide Addition at EP Stage by Using
Catalase·····Yoshiaki Mase
- 33 Operational Improvement by Retrofit of Kraft Pulp Fiber Line
·····Tetsuya Okamura
- 37 Optimization of Operating Condition for Dissolving Kraft Pulp·····Takehiro Kojima
- 42 Operation Experience of MVR Pre-Eva·····Hideaki Suzuki
- 46 The Production Method of the Viscose Rayon Manufactured Using Dissolving
Pulp·····Ko Tokuda
- 52 The Latest Trouble and the Solution at Pulping Process
—Improvement of Productivity and Quality When Using Acacia Tree—·····Masayuki Murano
- 58 Introduction of the Latest DIP Technology·····Takanori Goto
- 65 Chemical-Mechanical Pulps from Eucalyptus and Their Comparison with
Eucalyptus Chemical Pulps
·····Toshio Okunishi, Eric C. Xu, Gary Harris, Paulo E. Galatti and Dieter Teubner
- 72 Valmet Biorefinery Technology·····Hiroshi Yamashita
-

Topics & Information

- 77 A Report on “The Opinion Exchange Meeting with Patent Examiners 2013”
-

Introduction of Research Laboratories (100)

- 80 Laboratory of Bioresources Chemistry, Division of Sustainable Bioresources
Science, Department of Agro-environmental Sciences, Faculty of Agriculture,
Kyushu University
-

Research Report (Original Paper)

- 83 Photocatalytic Mechanism of Artificial Zeolite Containing Titanium Dioxide
·····Satoru Fukugaichi, Teruo Henmi and Naoto Matsue
-

Pulp and Paper Mills in Japan (57)

- 98 Kitakami Paper Co., Ltd. ·····Kitakami Paper Co., Ltd.
-

- 03 Committee report
- 79 Essay on Intellectual Property
- 82 Coffee break
- 104 Papyrus
- 106 Industry News
- 109 List of Titles in Foreign Journals Received by JAPAN TAPPI
- 110 List of Patents issued and Laid-open Publication
- 121 Price list of Domestic Logs and Wood Chips by District
- 122 Other Monthly Statistics
- 124 News from the Association
-