



Emissions and Processes in Biomass Combustion

By Hauler, Thorsten

Book Condition: New. Publisher/Verlag: VDM Verlag Dr. Müller | A Mobile Instrument for Flue Gas and Aerosol Analysis | Biomass combustion for heating or energy generation purposes is a significant source of air pollution. Besides gaseous chemicals, respirable particulate matter makes an important contribution. A comprehensive flue gas analysis is required to estimate health risks emanating from these emissions. For this purpose, a mobile analytical instrument was developed which enabled a combined real-time detection of compounds in both the gas and the particle phase. Infrared laser desorption was used for solid samples. Organic molecules were ionized by means of a tuneable UV laser and detected in a time-of-flight mass spectrometer. The author presents field measurements that were carried out at different incinerators, ranging in size from a domestic stove to an industrial pilot plant. For the first time, combustion processes involving different wood species were observed in real time, and conclusions drawn regarding their dynamic behaviour. Laboratory experiments on wood and environmental samples supplement these results. This book is aimed at scientists working in the area of environmental research and manufacturers as well as operators of biomass combustion facilities. | Format: Paperback | Language/Sprache: english | 310 gr | 224x151x17 mm |...

DOWNLOAD



READ ONLINE

[4.79 MB]

Reviews

This publication is very gripping and interesting. We have go through and so i am confident that i am going to planning to read through yet again again in the foreseeable future. You are going to like how the blogger write this ebook.

-- **Dr. Thaddeus Turner PhD**

Great electronic book and helpful one. Of course, it is play, still an interesting and amazing literature. I am just delighted to inform you that here is the finest ebook i have got go through in my own daily life and might be he finest pdf for actually.

-- **Lora Johns III**

Other PDFs



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...



Hitler's Exiles: Personal Stories of the Flight from Nazi Germany to America

New Press. Hardcover. Book Condition: New. 1565843940 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST with FREE tracking!! *...



Story Time for Kids with NLP by The English Sisters - The Little Sparrow and The Chimney Pot

MX Publishing. Paperback. Book Condition: new. BRAND NEW, Story Time for Kids with NLP by The English Sisters - The Little Sparrow and The Chimney Pot, Violeta Zuggo, Jutka Zuggo, Anna Kecskes, The Little Sparrow and the Chimney Top is the first...



Some of My Best Friends Are Books : Guiding Gifted Readers from Preschool to High School

Book Condition: Brand New. Book Condition: Brand New.



Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.



Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying-arms parents and teachers with real solutions for a...