

“中国核心期刊(遴选)数据库”收录期刊
《CAJ-CD》规范执行优秀期刊
“中国学术期刊综合评价数据库”来源期刊
《中国学术期刊(光盘版)》入编期刊
“中国期刊全文数据库”收录期刊

主 管

黑龙江省工业和信息化委员会
主 办

黑龙江省能源研究所
黑龙江省节能技术服务中心
黑龙江省能源发展战略研究会
黑龙江省节能协会

《应用能源技术》编委会

主任:庞光明(黑龙江省工业和信息化委员会副主任)
副主任:郑慧(黑龙江省节能技术服务中心主任)
臧毅(黑龙江省工业和信息化委员会节能综合利用处处长)

委员:

孟昭利 清华大学 教授
张振国 中国能源研究会 研究员
张建民 国家能源研究所 研究员
刘林华 哈尔滨工业大学 教授
梁宏宝 大庆石油学院 教授
孙英杰 大庆油田有限责任公司质量节能部 高工

编辑出版

《应用能源技术》编辑部
主编:郑慧
执行主编:鲁岩
地址:哈尔滨市南岗区文昌街139号
邮编:150001

电话:0451—82657448
E-mail:yynyjs@vip.163.com
yynyjs@mail.hl.cn

刊号:ISSN 1009—3230
CN23—1184/TK

邮发代号:14—191

印刷:黑龙江信龙印务有限责任公司
定价:5.00元

目 次

专题研究

- 烟分析在蒸汽动力装置中的应用 张明智,李利(1)
紫外光液相光化学法分解硫化氢制氢 付晓红(4)
生活垃圾处理场环境绩效审计初探 刘建强,王岩(8)
XJM-S16型浮选机在铁东选煤厂的应用 胡广庆(11)
流量公式中流量系数与速度系数关系的改进 张跃龙(14)
铁路轴承保持器兜孔垂直度检测
..... 田雁翎,朱军,简海峰,张振铎(16)
鸡西盆地永庆组煤层的煤质特征及其变化规律 王培坤(18)

工业锅炉

- 增压锅炉汽包应力的有限元分析 赵国庆,张倩影(20)
浅谈核电站辅助锅炉选型 赵翠莲,修恒旭(25)
提高电站锅炉效率的措施 朴春旭(28)

节能技术

- 热电联产规划中能源利用效率评价方法编写案例 万中昌(31)
吉林地区地下水地源热泵探析 孙玉新,陆亦工,代元军(33)
浅谈反渗透膜的清洗 郑金(38)
新型恒压供水系统 谢静,韦力(42)
600MW等级直接空冷机组的电动给水泵配置分析
..... 修恒旭,赵翠莲(46)
CO₂跨临界制冷循环理论分析 张雪东(50)

Source journal of "china major journal(selection) database"

Outstanding Journal of «CAJ-CD» standard
Source journal of "Integrated Evaluating data-base of Chinese Academic Journal"

All Journal Papers are Edited in the CD Edition of Chinese Academic Journal

Citation Journals of "China Journal Full-text Database"

Superintended

Committee of Industry and Information Technology of Heilongjiang Province

Sponsored by

Energy Research Institute of Heilongjiang Province
Energy Conservation Service Center of Heilongjiang Province

Heilongjiang Province Association of Energy Development Strategic Research

Heilongjiang Province Energy Conservation Association

Editorial Committee of Applied Energy Technology

Director: PANG Guang-ming (Deputy Director of Committee of Industry and Information Technology of Heilongjiang Province)

Deputy Director: ZHENG Hui (Director of Energy Conservation Service Center of Heilongjiang Province)

ZANG Yi (Director of Energy-saving Utilization Section of Committee of Industry and Information Technology of Heilongjiang Province)

The Members:

MENG Zhao-li Tsinghua University Professor

ZHANG Zhen-guo China Energy Research Society Researcher

ZHANG Jian-min China Energy Research Society Researcher

LIU Lin-hua Harbin Institute of Technology Professor

LIANG Hong-bao Daqing Petroleum Institute Professor

SUN Ying-jie Daqing Oilfield CO., LTD Engineer Edited by

Editorial Board of «Applied Energy Technology»

Editor-in-Chief: ZHENG Hui

Executive Editor: LU Yan

Address: 139 Wenchang Street, Nangang District, Harbin, China

Zip: 150001

Tel: 0451-82657548

E-mail: yynyjs@vip.163.com

yynyjs@mail.hl.cn

Journal Code No: ISSN 1009-3230

Code of Post office: CN23-1184/TK

Printed by: Heilongjiang Credit Information

Centre

List price: 5.00RMB

CONTENTS

MONOGRAPHIC STUDY

- Exergy analysis in steam power plant application ZHANG Ming-zhi, LI Li(1)
Decomposition of H_2S to Produce H_2 Using Ultraviolet in Liquid Phase by Photochemical Method FU Xiao-hong(4)
Preliminary Discussion on the Environmental Performance Audit about the Domestic Refuse Treatment Plant LIU Jian-qiang, WANG Yan(8)
Application of XJM-S16 in Tiedong Coal Preparation Plant HU Guang-qing(11)
The Amendment of the Flow Coefficient and the Velocity Coefficient in the Flow Formula ZHANG Yue-long(14)
Squareness Test of Cage Pocket for Railway Bearing TIAN Yan-ling, ZHU Jun, JIAN Hai-feng, ZHANG Zhen-duo(16)
Coal Property Characteristics and Change Rules of Yongqing Group Coal Bed in Jixi Basin WANG Pei-kun(18)

INDUSTRIAL BOILER

- Pressurization Boiler Drum Stress Finite Element Analysis ZHAO Guo-qing, ZHANG Qian-ying(20)
Briefly Introduce Auxiliary Boiler Selection in Nuclear Power Plant ZHAO Cui-lian, XIU Heng-xu(25)
Measures to Improve the Efficiency of Power Plant Boiler PIAO Chun-xu(28)

ENERGY CONSERVATION TECHNOLOGY

- Cogeneration Energy Efficiency Planning Preparation of Case Evaluation WAN Zhong-chang(31)
Analysis of Jilin area of groundwater source heat pump SUN Yu-xin, LU Yi-gong, DAI Yuan-jun(33)
About the Cleaning for Reverse Osmosis Membrane ZHENG Jin(38)
The New Water-supply System of Constant Pressure Control XIE Jing, WEI LI(42)
Motor Driven Feed water Pump Configuration Analysis of 600MW Directly Air Cooled Unit XIU Heng-xu, ZHAO Cui-lian(46)
Theoretical Analysis on CO_2 Transcritical Cycle ZHANG Xue-dong(50)