

- investigation[J]. *Renewable Energy*, 1998, 15(2): 87-92.
- [22] Ryan D, Burek S A M. Experimental study of the influence of collector height on the steady state performance of a passive solar air heater[J]. *Solar Energy*, 2010, 84(16): 76-84.
- [23] Mathur J, Bansal N K, Mathur S. Experimental investigations on solar chimney for room ventilation [J]. *Solar Energy*, 2006, 80(8): 927-935.
- [24] 李安桂, 郝彩侠, 张海平. 太阳能烟囱强化自然通风实验研究 [J]. 太阳能学报, 2009, 30(4): 60-64.
Li Angui, Hao Caixia, Zhang Haiping. *Acta Energaie Solaris Sinica*, 2009, 30(4): 60-64.
- [25] Harris D J, Helwiq N. Solar chimney and building ventilation [J]. *Applied Energy*, 2007, 84(2): 135-146.
- [26] Mathur J, Anupma, Mathur S. Experimental investigation on four different types of solar chimney[J]. *Advances in Energy Research*, 2006, 12(6): 151-156.
- [27] Mathur J, Mathur S. Summer performance of inclined roof solar chimney for natural ventilation [J]. *Energy and Buildings*, 2006, 38 (10): 1156-1163.
- [28] Ramadan B, Nader S A K. Effect of solar chimney inclination angle on space flow pattern and ventilation rate [J]. *Energy and Buildings*, 2009, 41(2): 190-196.
- [29] Gan G H, Riffat S B. A numerical study of solar chimney for natural ventilation of building with heat recovery [J]. *Applied Thermal Engineering*, 1998, 18(12): 1171-1187.
- [30] Ong K S, Chow C C. Performance of a solar chimney [J]. *Solar Energy*, 2003, 74(1): 1-17.
- [31] Bansal N K, Mathur J, Mathur S. Modeling of window-sized solar chimneys for ventilation [J]. *Building and Environment*, 2005, 40(10): 1302-1308.
- [32] 翟晓强, 王如竹. 太阳能强化自然通风理论分析及其在生态建筑中的应用[J]. 工程热物理学报, 2004, 25(4): 568-570.
Zhai Xiaoqiang, Wang Ruzhu. *Journal of Engineering Thermophysics*, 2004, 25(4): 568-570.
- [33] 陈会娟, 陈滨. 特朗贝墙体冬季集热性能的计算及预测[J]. 建筑热能通风空调, 2006, 25(2): 1-6.
Chen Huijuan, Chen Bin. *Building Energy and Environment*, 2006, 25 (2): 1-6.
- [34] Afonso C, Oliveira A. Solar chimneys: Simulation and experiment [J]. *Energy and Buildings*, 2000, 32(1): 71-79.
- [35] Mari-Herrero J, Heras-Celemin M R. Dynamic physical model for a solar chimney[J]. *Solar Energy*, 2007, 81(5): 614-622.
- [36] Ben R, Bilgen E. Natural convection and conduction in Trombe wall system[J]. *International Journal of Heat and Mass Transfer*, 1991, 34(4-5): 1237-1248.
- [37] Rodrigues A M, Canha A, Lahellec A. Modeling natural convection in a heated vertical channel for room ventilation [J]. *Building and Environment*, 2000, 35(5): 455-469.
- [38] Bacharoudis E, Vrachopoulos M G, Kou M K. Study of the natural convection phenomena inside a wall solar chimney with one wall adiabatic and one wall under a heat flux [J]. *Applied Thermal Engineering*, 2007, 27(13): 2266-2275.
- [39] Gan G H. A parametric study of Trombe walls for passive cooling of buildings[J]. *Energy and Buildings*, 1998, 27(1): 37-43.
- [40] 赵平歌. 太阳能烟囱增强热压自然通风的计算研究 [J]. 西安工业学院学报, 2004, 24(2): 181-184.
Zhao Pingge. *Journal of Xi'an Institute of Technology*, 2004, 24 (2): 181-184.
- [41] 孙猛, 刘靖, 雷兢. 太阳能烟囱强化自然通风的数值模拟 [J]. 建筑科学, 2006, 22(6): 26-29.
Sun Meng, Liu Jing, Lei Jing. *Building Science*, 2006, 22(6): 26-29.
- [42] 王丽萍. 太阳能烟囱提高室内热压通风效果的数值模拟[D]. 西安: 西安建筑科技大学, 2003.
Wang Liping. A numerical study of solar chimney for enhanced stack ventilation in buildings [D]. Xi'an: Xi'an University of Architecture and Technology, 2003.
- [43] 杨昭, 徐晓丽. 太阳墙热特性分析 [J]. 太阳能学报, 2007, 28(10): 1091-1096.
Yang Zhao, Xu Xiaoli. *Acta Energaie Solaris Sinica*, 2007, 28 (10): 1091-1096.
- [44] Bilgen E. Conjugate heat transfer by conduction and natural convection on a heated vertical wall[J]. *Applied Thermal Engineering*, 2009, 29(2-3): 334-339.
- [45] Nouanegue H, Muftuoglu A, Bilgen E. Conjugate heat transfer by natural convection, conduction and radiation in open cavities [J]. *International Journal of Heat and Mass Transfer*, 2008, 51(25-26): 6054-6062.
- [46] 何云, 刘滔, 林文贤. 太阳能烟囱内温度场分析 [J]. 武汉理工大学学报, 2010, 32(14): 174-178.
He Yun, Liu Tao, Lin Wenxian. *Journal of Wuhan University of Technology*, 2010, 32(14): 174-178.

(责任编辑 岳臣)

· 科学共同体介绍 ·

中国矿物岩石地球化学学会

中国矿物岩石地球化学学会 (Chinese Society for Mineralogy, Petrology and Geochemistry) 由侯德封、涂光炽等于1963年发起, 1965年经中国科协同意筹备, 1978年10月正式成立。第一、二、三届理事会理事长为涂光炽, 第四、五届理事会理事长为欧阳自远, 第六届理事会理事长为刘丛强。

中国矿物岩石地球化学学会是中国矿物学、岩石学、地球化学等相关学科领域科技工

作者及科研机构 and 学术团体自愿组成、依法注册的全国性、公益性、学术性社会团体, 是中国科学技术协会的重要组成部分。

中国矿物岩石地球化学学会目前有会员6000余名。下设新矿物及矿物命名、矿物物理、矿物结构、矿物岩石材料等22个专业委员会及3个工作委员会。1981年加入国际矿物学协会 (IMA)。

中国矿物岩石地球化学学会主办《矿物学

报》、《岩石学报》、《地球化学》、*Chinese Journal of Geochemistry*、《矿物岩石地球化学通报》、《古地理学报》等专业期刊, 设立侯德封矿物岩石地球化学青年科学家奖。

2009年4月20-26日, 中国矿物岩石地球化学学会召开第七次全国会员代表大会, 选举刘丛强任第七届理事会理事长, 李世杰任秘书长。

(责任编辑 陈广仁)