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14. септембар 2022.

укупно цитата: **82**

Bojic M, 2014, ENER G CONVERS MANAGE, V84, P681, DOI 10.1016/j.enconman.2014.04.095
Bojic M, 2014, OPTIMIZATION THERMAL

Record 1 of 31

Title: Experimental study on the thermal performances of a non-pump-driven thermo-activated building system based on flat-plate heat pipe array

Author(s): Yang, Y (Yang, Yang); Chen, SRL (Chen, Sarula); Xuan, XD (Xuan, Xiaodong)

Source: APPLIED THERMAL ENGINEERING Volume: 215 Article

Number: 118934 DOI: 10.1016/j.applthermaleng.2022.118934 Published: OCT 2022

Record 2 of 31

Title: Thermal inertia and energy efficiency enhancements of hollow clay bricks integrated with phase change materials

Author(s): Chihab, Y (Chihab, Yassine); Bouferra, R (Bouferra, Rachid); Garoum, M (Garoum, Mohammed); Essaleh, M (Essaleh, Mohamed); Laaroussi, N (Laaroussi, Najma)

Source: JOURNAL OF BUILDING ENGINEERING Volume: 53 Article

Number: 104569 DOI: 10.1016/j.job.2022.104569 Published: AUG 1 2022

Record 3 of 31

Title: Optimal Balance between Heating, Cooling and Environmental Impacts: A Method for Appropriate Assessment of Building Envelope's U-Value

Author(s): Ounis, S (Ounis, Safieddine); Aste, N (Aste, Niccolo); Butera, FM (Butera, Federico M.); Del Pero, C (Del Pero, Claudio); Leonforte, F (Leonforte, Fabrizio); Adhikari, RS (Adhikari, Rajendra S.)

Source: ENERGIES Volume: 15 Issue: 10 Article

Number: 3570 DOI: 10.3390/en15103570 Published: MAY 2022

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Title: A comprehensive study on a novel transcritical CO₂ heat pump for simultaneous space heating and cooling-Concepts and initial performance

Author(s): Wang, J (Wang, Ji); Belusko, M (Belusko, Martin); Liu, M (Liu, Ming); Semsarilar, H (Semsarilar, Hesam); Liddle, R (Liddle, Raymond); Alemu, A (Alemu, Alemu); Evans, M (Evans, Michael); Zhao, CR (Zhao, Chunrong); Hudson, J (Hudson, Julian); Bruno, F (Bruno, Frank)

Source: ENERGY CONVERSION AND MANAGEMENT Volume: 243 Article Number: 114397 DOI: 10.1016/j.enconman.2021.114397 Early Access Date: JUN 2021 Published: SEP 1 2021

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Title: The difference between vapor injection cycle with fl ash tank and intermediate heat exchanger for air source heat pump: An experimental and theoretical study

Author(s): Wang, JJ (Wang, Jijin); Qv, DH (Qv, Dehu); Yao, Y (Yao, Yang); Ni, L (Ni, Long)

Source: ENERGY Volume: 221 Article Number: 119796 DOI: 10.1016/j.energy.2021.119796 Early Access Date: JAN 2021 Published: APR 15 2021

Record 6 of 31

Title: Optimization of microstructure of basalt-based fibers intended for improved thermal and acoustic insulations

Author(s): Farouk, M (Farouk, Mohamed); Soltan, A (Soltan, AbdelMonem); Schluter, S (Schluter, Steffen); Hamzawy, E (Hamzawy, Esmat); Farrag, A (Farrag, Ali); El-Kammar, A (El-Kammar, Ahmed); Yahia, A (Yahia, Ahmed); Pollmann, H (Pollmann, Herbert)

Source: JOURNAL OF BUILDING ENGINEERING Volume: 34 Article Number: 101904 DOI: 10.1016/j.jobee.2020.101904 Early Access Date: JAN 2021 Published: FEB 2021

Record 7 of 31

Title: Optimising Embodied Energy and Thermal Performance of Thermal Insulation in Building Envelopes via an Automated Building Information Modelling (BIM) Tool

Author(s): Chen, ZX (Chen, Zixuan); Hammad, AWA (Hammad, Ahmed W. A.); Kamardeen, I (Kamardeen, Imriyas); Akbarnezhad, A (Akbarnezhad, Ali)

Source: BUILDINGS Volume: 10 Issue: 12 Article Number: 218 DOI: 10.3390/buildings10120218 Published: DEC 2020

Record 8 of 31

Title: Comparative analysis of building insulation material properties and performance

Author(s): Kumar, D (Kumar, Dileep); Alam, M (Alam, Morshed); Zou, PXW (Zou, Patrick X. W.); Sanjayan, JG (Sanjayan, Jay G.); Memon, RA (Memon, Rizwan Ahmed)

Source: RENEWABLE & SUSTAINABLE ENERGY REVIEWS Volume: 131 Article Number: 110038 DOI: 10.1016/j.rser.2020.110038 Published: OCT 2020

Record 9 of 31

Title: The status of household heating in northern China: a field survey in towns and villages

Author(s): Zhu, L (Zhu, Lin); Liao, H (Liao, Hua); Hou, BD (Hou, Bingdong); Cheng, L (Cheng, Lin); Li, H (Li, Hui)

Source: ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH Volume: 27 Issue: 14 Pages: 16145-16158 DOI: 10.1007/s11356-020-08077-9 Early Access Date: JUN 2021

Record 10 of 31

Title: Advances Toward a Net-Zero Global Building Sector

Author(s): Urge-Vorsatz, D (Urge-Vorsatz, Diana); Khosla, R (Khosla, Radhika); Bernhardt, R (Bernhardt, Rob); Chan, YC (Chan, Yi Chieh); Verez, D (Verez, David); Hu, S (Hu, Shan); Cabeza, LF (Cabeza, Luisa F.)

Edited by: Gadgil A; Tomich TP

Source: ANNUAL REVIEW OF ENVIRONMENT AND RESOURCES, VOL 45 Book Series: Annual Review of Environment and Resources Volume: 45 Pages: 227-269 DOI: 10.1146/annurev-environ-012420-045843 Published: 2020

Record 11 of 31

Title: Smart utilization of solar energy with Optic-Variable Wall (OVW) for thermal comfort

Author(s): Zhu, Y (Zhu, Ye); Wang, C (Wang, Cheng); Guo, XF (Guo, Xiaofeng)

Source: ENERGY AND BUILDINGS Volume: 202 Article

Number: 109376 DOI: 10.1016/j.enbuild.2019.109376 Published: NOV 1 2019

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Title: Thermodynamic analysis and comparison of four insulation schemes for liquid hydrogen storage tank

Author(s): Zheng, JP (Zheng, Jianpeng); Chen, LB (Chen, Liubiao); Wang, J (Wang, Jue); Xi, XT (Xi, Xiaotong); Zhu, HL (Zhu, Honglai); Zhou, Y (Zhou, Yuan); Wang, JJ (Wang, Junjie)

Source: ENERGY CONVERSION AND MANAGEMENT Volume: 186 Pages: 526-534 DOI: 10.1016/j.enconman.2019.02.073 Published: APR 15 2019

Record 13 of 31

Title: A review on optimization methods applied in energy-efficient building geometry and envelope design

Author(s): Kheiri, F (Kheiri, Farshad)

Source: RENEWABLE & SUSTAINABLE ENERGY REVIEWS Volume: 92 Pages: 897-920 DOI: 10.1016/j.rser.2018.04.080 Published: SEP 2018

Record 14 of 31

Title: A Review of Internet of Energy Based Building Energy Management Systems: Issues and Recommendations

Author(s): Hannan, MA (Hannan, Mahammad A.); Faisal, M (Faisal, Mohammad); Ker, PJ (Ker, Pin Jern); Mun, LH (Mun, Looe Hui); Parvin, K (Parvin, Khadija); Mahlia, TMI (Mahlia, Teuku Meurah Indra); Blaabjerg, F (Blaabjerg, Frede)

Source: IEEE ACCESS Volume: 6 Pages: 38997-39014 DOI: 10.1109/ACCESS.2018.2852811 Published: 2018

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Title: Towards adoption of building energy simulation and optimization for passive building design: A survey and a review

Author(s): Tian, ZC (Tian, Zhichao); Zhang, XK (Zhang, Xinkai); Jin, X (Jin, Xing); Zhou, X (Zhou, Xin); Si, BH (Si, Binghui); Shi, X (Shi, Xing)

Source: ENERGY AND BUILDINGS Volume: 158 Pages: 1306-1316 DOI: 10.1016/j.enbuild.2017.11.022 Published: JAN 1 2018

Record 16 of 31

Title: Case Study of a Nearly Zero Energy Building in Italian Climatic Conditions

Author(s): Khan, HS (Khan, Hassan Saeed); Asif, M (Asif, Muhammad); Mohammed, MA (Mohammed, Mohammed Alhaji)

Source: INFRASTRUCTURES Volume: 2 Issue: 4 Article

Number: 19 DOI: 10.3390/infrastructures2040019 Published: DEC 2017

Record 17 of 31

Title: Ant colony algorithm for building energy optimisation problems and comparison with benchmark algorithms

Author(s): Bamdad, K (Bamdad, Keivan); Cholette, ME (Cholette, Michael E.); Guan, L (Guan, Lisa); Bell, J (Bell, John)

Source: ENERGY AND BUILDINGS Volume: 154 Pages: 404-

414 DOI: 10.1016/j.enbuild.2017.08.071 Published: NOV 1 2017

Record 18 of 31

Title: Domestic appliances energy optimization with model predictive control

Author(s): Rodrigues, EMG (Rodrigues, E. M. G.); Godina, R (Godina, R.); Pouresmaeil, E (Pouresmaeil, E.); Ferreira, JR (Ferreira, J. R.); Catalao, JPS (Catalao, J. P. S.)

Source: ENERGY CONVERSION AND MANAGEMENT Volume: 142 Pages: 402-

413 DOI: 10.1016/j.enconman.2017.03.061 Published: JUN 15 2017

Record 19 of 31

Title: A review on house design with energy saving system in the UK

Author(s): Xie, Y (Xie, Y.); Gilmour, MS (Gilmour, M. S.); Yuan, Y (Yuan, Y.); Jin, H (Jin, H.); Wu, H (Wu, H.)

Source: RENEWABLE & SUSTAINABLE ENERGY REVIEWS Volume: 71 Pages: 29-

52 DOI: 10.1016/j.rser.2017.01.004 Published: MAY 2017

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Title: A study on residential energy requirement and the effect of the glazing on the optimum insulation thickness

Author(s): Derradji, L (Derradji, L.); Imessad, K (Imessad, K.); Amara, M (Amara, M.); Errebai, FB (Errebai, F. Boudali)

Source: APPLIED THERMAL ENGINEERING Volume: 112 Pages: 975-

985 DOI: 10.1016/j.applthermaleng.2016.10.116 Published: FEB 5 2017

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Title: Optimization of Energy Efficiency and Conservation in Green Building Design Using Duelist, Killer-Whale and Rain-Water Algorithms

Author(s): Biyanto, TR (Biyanto, T. R.); Matradji (Matradji); Syamsi, MN (Syamsi, M. N.); Fibrianto, HY (Fibrianto, H. Y.); Afdanny, N (Afdanny, N.); Rahman, AH (Rahman, A. H.); Gunawan, KS (Gunawan, K. S.); Pratama, JAD (Pratama, J. A. D.); Malwindasari, A (Malwindasari, A.); Abdillah, AI (Abdillah, A. I.); Bethiana, TN (Bethiana, T. N.); Putra, YA (Putra, Y. A.)

Book Group Author(s): IOP

Source: INTERNATIONAL CONFERENCE OF APPLIED SCIENCE AND TECHNOLOGY FOR INFRASTRUCTURE ENGINEERING Book Series: IOP Conference Series-Materials Science and

Engineering Volume: 267 Article Number: 012036 DOI: 10.1088/1757-899X/267/1/012036 Published: 2017

Record 22 of 31

Title: Nearly-Zero Energy Buildings: Cost-Optimal Analysis of Building Envelope Characteristics

Author(s): Loukaidou, K (Loukaidou, K.); Michopoulos, A (Michopoulos, A.); Zachariadis, T (Zachariadis, Th.)

Edited by: Bikas D; Theodosiou T; Katerina T

Source: SUSTAINABLE SYNERGIES FROM BUILDINGS TO THE URBAN SCALE Book Series: Procedia Environmental Sciences Volume: 38 Pages: 20-27 DOI: 10.1016/j.proenv.2017.03.069 Published: 2017

Record 23 of 31

Title: Increasing the energy efficiency of buildings by thermal insulation

Author(s): Simona, PL (Simona, Paraschiv Lizica); Spiru, P (Spiru, Paraschiv); Ion, IV (Ion, Ion V.)

Edited by: Valtere S

Source: INTERNATIONAL SCIENTIFIC CONFERENCE - ENVIRONMENTAL AND CLIMATE TECHNOLOGIES (CONECT 2017) Book Series: Energy Procedia Volume: 128 Pages: 393-399 DOI: 10.1016/j.egypro.2017.09.044 Published: 2017

Record 24 of 31

Title: An optimization model for selecting the optimal green systems by considering the thermal comfort and energy consumption

Author(s): Kim, J (Kim, Jimin); Hong, T (Hong, Taehoon); Jeong, J (Jeong, Jaemin); Koo, C (Koo, Choongwan); Jeong, K (Jeong, Kwangbok)

Source: APPLIED ENERGY Volume: 169 Pages: 682-695 DOI: 10.1016/j.apenergy.2016.02.032 Published: MAY 1 2016

Record 25 of 31

Title: Experimental research on indoor thermal environment of new rural residence with active solar water heating system and external wall insulation

Author(s): Li, JP (Li, Jinping); Li, XZ (Li, Xiuzhen); Wang, N (Wang, Na); Hu, YY (Hu, Yingying); Feng, R (Feng, Rong)

Source: APPLIED THERMAL ENGINEERING Volume: 95 Pages: 35-41 DOI: 10.1016/j.applthermaleng.2015.11.013 Published: FEB 25 2016

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Title: Moisture condensation on building envelopes in differential ventilated spaces in the tropics: quantitative assessment of influencing factors

Author(s): Ali, M (Ali, Maisarah); Oladokun, MO (Oladokun, Majeed Olaide); Osman, SB (Osman, Samsul Bahrin); Samsuddin, N (Samsuddin, Niza); Hamzah, HA (Hamzah, Hairul Aini)

Edited by: Kamaruzzaman SNB; Ali ASB; Azmi NFB; Chua SJL

Source: 4TH INTERNATIONAL BUILDING CONTROL CONFERENCE 2016 (IBCC 2016) Book Series: MATEC Web of Conferences Volume: 66 Article Number: 00089 DOI: 10.1051/matecconf/20166600089 Published: 2016

Record 27 of 31

Title: Suitability assessment of building energy saving technologies for office buildings in cold areas of

China based on an assessment framework

Author(s): Geng, G (Geng, Geng); Wang, ZX (Wang, Zhaoxia); Zhao, J (Zhao, Jing); Zhu, N (Zhu, Neng)

Source: ENERGY CONVERSION AND MANAGEMENT Volume: 103 Pages: 650-664 DOI: 10.1016/j.enconman.2015.06.087 Published: OCT 2015

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Title: Thermal insulation, power generation, lighting and energy saving performance of heat insulation solar glass as a curtain wall application in Taiwan: A comparative experimental study

Author(s): Cuce, E (Cuce, Erdem); Riffat, SB (Riffat, Saffa B.); Young, CH (Young, Chin-Huai)

Source: ENERGY CONVERSION AND MANAGEMENT Volume: 96 Pages: 31-38 DOI: 10.1016/j.enconman.2015.02.062 Published: MAY 15 2015

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Title: Preparation and characterization of an expanded perlite/paraffin/graphene oxide composite with enhanced thermal conductivity and leakage-bearing properties

Author(s): Lu, ZY (Lu, Zeyu); Hou, DS (Hou, Dongshuai); Xu, BW (Xu, Biwan); Li, ZJ (Li, Zongjin)

Source: RSC ADVANCES Volume: 5 Issue: 130 Pages: 107514-107521 DOI: 10.1039/c5ra23176k Published: 2015

Record 30 of 31

Title: Performance investigation of heat insulation solar glass for low-carbon buildings

Author(s): Cuce, E (Cuce, Erdem); Young, CH (Young, Chin-Huai); Riffat, SB (Riffat, Saffa B.)

Source: ENERGY CONVERSION AND MANAGEMENT Volume: 88 Pages: 834-841 DOI: 10.1016/j.enconman.2014.09.021 Published: DEC 2014

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Title: Analysis and future outlook of natural gas consumption in the Italian residential sector

Author(s): Bianco, V (Bianco, Vincenzo); Scarpa, F (Scarpa, Federico); Tagliafico, LA (Tagliafico, Luca A.)

Source: ENERGY CONVERSION AND MANAGEMENT Volume: 87 Pages: 754-764 DOI: 10.1016/j.enconman.2014.07.081 Published: NOV 2014

Bojic M, 2015, ENER G BUILDINGS, V98, P144, DOI 10.1016/j.enbuild.2014.08.037

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Record 1 of 5

Title: Annual Prediction Output of an RADTIRC-PV Module

Author(s): Freier, D (Freier, Daria); Muhammad-Sukki, F (Muhammad-Sukki, Firdaus); Abu-Bakar, SH (Abu-Bakar, Siti Hawa); Ramirez-Iniguez, R (Ramirez-Iniguez, Roberto); Munir, AB (Munir, Abu Bakar); Yasin, SHM (Yasin, Siti Hajar Mohd); Bani, NA (Bani, Nurul Aini); Mas'ud, AA (Mas'ud, Abdullahi Abubakar); Ardila-Rey, JA (Ardila-Rey, Jorge Alfredo); Karim, ME (Karim, Md Ershadul)

Source: ENERGIES Volume: 11 Issue: 3 Article Number: 544 DOI: 10.3390/en11030544 Published: MAR 2018

Record 2 of 5

Title: Experimental and numerical investigation of a triple-dish solar concentrator: a thermal and exergy study

Author(s): Bellos, E (Bellos, Evangelos); Pavlovic, SR (Pavlovic, Sasa R.); Vasiljevic, D (Vasiljevic, Darko); Stefanovic, VP (Stefanovic, Velimir P.); Tzivanidis, C (Tzivanidis, Christos)

Source: INTERNATIONAL JOURNAL OF EXERGY Volume: 26 Issue: 4 Pages: 481-501

Published: 2018

Record 3 of 5

Title: Modelling and simulation of direct solar radiation for cost-effectiveness analysis of V-Trough photovoltaic devices

Author(s): Arias-Rosales, A (Arias-Rosales, Andres); Mejia-Gutierrez, R (Mejia-Gutierrez, Ricardo)

Source: INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM

Volume: 10 Issue: 3 Pages: 257-273 DOI: 10.1007/s12008-016-0333-4 Published: AUG 2016

Record 4 of 5

Title: Analysis and discussion on the impact of non-uniform input heat flux on thermoelectric generator array

Author(s): He, W (He, Wei); Zhang, C (Zhang, Can); Li, GQ (Li, Guiqiang); Ji, J (Ji, Jie)

Source: ENERGY CONVERSION AND MANAGEMENT Volume: 98 Pages: 268-274 DOI:

10.1016/j.enconman.2015.04.006 Published: JUL 1 2015

Record 5 of 5

Title: Experimental Evaluation of a Serial Low Concentration Evacuated Tubes

Author(s): Gafsi, W (Gafsi, Wajih); Fakhfakh, N (Fakhfakh, Nadim); Bentaher, H (Bentaher, Hatem); Abida, A (Abida, Ahmed); Ben Hassine, A (Ben Hassine, Aymen); El Alimi, S (El Alimi, Souhail)

Book Group Author(s): IEEE

Source: 2015 6th International Renewable Energy Congress (IREC) Published: 2015

Conference Title: 6th International Renewable Energy Congress (IREC)

Conference Date: MAR 24-26, 2015

Conference Location: Sousse, TUNISIA

Bojic M, 2015, APPL ENERG, V138, P404, DOI 10.1016/j.apenergy.2014.10.063

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Record 1 of 22

Title: Experimental investigation on the thermal performance of an enhanced convection-radiant heating wall panel with orifices

Author(s): Chen, YW (Chen, Yaowen); Wang, DJ (Wang, Dengjia); Liu, Y (Liu, Yuan); Wang, YY (Wang, Yingying); Liu, YF (Liu, Yanfeng)

Source: INTERNATIONAL JOURNAL OF THERMAL SCIENCES Volume: 181 Article

Number: 107704 DOI: 10.1016/j.ijthermalsci.2022.107704 Published: NOV 2022

Record 2 of 22

Title: Review of water-based wall systems: Heating, cooling, and thermal barriers

Author(s): Krajcik, M (Krajcik, Michal); Arici, M (Arici, Muslum); Sikula, O (Sikula, Ondrej); Simko, M (Simko, Martin)

Source: ENERGY AND BUILDINGS Volume: 253 Article

Number: 111476 DOI: 10.1016/j.enbuild.2021.111476 Early Access Date: SEP 2021

Published: DEC 15 2021

Record 3 of 22

Title: Numerical simulation on heating performances of a radiant-convective heating terminal

Author(s): Dong, JK (Dong, Jiankai); Zheng, WK (Zheng, Wenke); Song, MJ (Song, Mengjie); Chen, ZH (Chen, Zhihua); Jiang, YQ (Jiang, Yiqiang)

Source: JOURNAL OF BUILDING ENGINEERING Volume: 39 Article

Number: 102307 DOI: 10.1016/j.jobe.2021.102307 Early Access Date: FEB 2021 Published: JUL 2021

Record 4 of 22

Title: The impacts of different heating systems on the environment: A review

Author(s): Mahmoud, M (Mahmoud, Montaser); Ramadan, M (Ramadan, Mohamad); Naher, S (Naher, Sumsun); Pullen, K (Pullen, Keith); Olabi, AG (Olabi, Abdul-Ghani)

Source: SCIENCE OF THE TOTAL ENVIRONMENT Volume: 766 Article

Number: 142625 DOI: 10.1016/j.scitotenv.2020.142625 Early Access Date: FEB 2021
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Record 5 of 22

Title: Heating performance for a hybrid radiant-convective heating terminal by orthogonal test method

Author(s): Zheng, WK (Zheng, Wenke); Dong, JK (Dong, Jiankai); Zhang, L (Zhang, Long); Chen, ZH (Chen, Zhihua)

Source: JOURNAL OF BUILDING ENGINEERING Volume: 33 Article

Number: 101627 DOI: 10.1016/j.jobe.2020.101627 Published: JAN 2021

Record 6 of 22

Title: DETERMINATION OF CONVECTIVE, RADIATIVE, AND TOTAL HEAT TRANSFER CHARACTERISTICS OVER A RADIANT HEATED CEILING: A COMPUTATIONAL APPROACH

Author(s): Acikgoz, O (Acikgoz, Ozgen)

Source: JOURNAL OF THERMAL ENGINEERING Volume: 5 Issue: 5 Pages: 372-384 DOI: 10.18186/thermal.623191 Published: OCT 2019

Record 7 of 22

Title: Numerical investigation of the influence of heat emitters on the local thermal comfort in a room

Author(s): Magni, M (Magni, Mara); Campana, JP (Campana, Jean Pierre); Ochs, F (Ochs, Fabian); Morini, GL (Morini, Gian Luca)

Source: BUILDING SIMULATION Volume: 12 Issue: 3 Pages: 395-410 DOI: 10.1007/s12273-019-0506-8 Published: JUN 2019

Record 8 of 22

Title: Investigation of phase change materials integrated with fin-tube baseboard convector for space heating

Author(s): Wong, RJD (Wong, Rudy J. D.); Al-Jethelah, M (Al-Jethelah, Manar); Ebadi, S (Ebadi, Soroush); Singh, A (Singh, Ashutosh); Mahmud, S (Mahmud, Shohel)

Source: ENERGY AND BUILDINGS Volume: 187 Pages: 241-256 DOI: 10.1016/j.enbuild.2019.02.005 Published: MAR 15 2019

Record 9 of 22

Title: A COMPUTATIONAL STUDY FOCUSED ON REVEALING THE RELATION BETWEEN CONVECTIVE AND RADIATIVE HEAT TRANSFER FROM A RADIANT HEATED WALL

Author(s): Acikgoz, O (Acikgoz, Ozgen)

Source: HEAT TRANSFER RESEARCH Volume: 50 Issue: 15 Pages: 1437-1455 DOI: 10.1615/HeatTransRes.2019018679 Published: 2019

Record 10 of 22

Title: Mathematical modelling of conjugate heat transfer and fluid flow inside a domain with a radiant heating system

Author(s): Kuznetsov, GV (Kuznetsov, G., V); Kurilenko, NI (Kurilenko, N., I); Nee, AE (Nee, A. E.)

Source: INTERNATIONAL JOURNAL OF THERMAL SCIENCES Volume: 131 Pages: 27-39 DOI: 10.1016/j.ijthermalsci.2018.05.010 Published: SEP 2018

Record 11 of 22

Title: Calibrated simulation analysis for integration of evaporative cooling and radiant cooling system for different Indian climatic zones

Author(s): Srivastava, P (Srivastava, Prateek); Khan, Y (Khan, Yasin); Bhandari, M (Bhandari, Mahabir); Mathur, J (Mathur, Jyotirmay); Pratap, R (Pratap, Ranaveer)

Source: JOURNAL OF BUILDING ENGINEERING Volume: 19 Pages: 561-572 DOI: 10.1016/j.jobee.2018.05.024 Published: SEP 2018

Record 12 of 22

Title: Nationwide Energy Saving Analysis of Radiant Floor System for Commercial Buildings

Author(s): Li, YF (Li, Yanfei); Niu, FX (Niu, Fuxin); Qian, DF (Qian, Defeng); O'Neill, Z (O'Neill, Zheng)
Book Group Author(s): ASHRAE

Source: 2018 ASHRAE ANNUAL CONFERENCE Book Series: ASHRAE Annual Conference Papers Article Number: HO-18-0064 Published: 2018

Record 13 of 22

Title: Abilities and limitations of thermal mass activation for thermal comfort, peak shifting and shaving: A review

Author(s): Olsthoorn, D (Olsthoorn, Dave); Haghighat, F (Haghighat, Fariborz); Moreau, A (Moreau, Alain); Lacroix, G (Lacroix, Gino)

Source: BUILDING AND ENVIRONMENT Volume: 118 Pages: 113-127 DOI: 10.1016/j.buildenv.2017.03.029 Published: JUN 2017

Record 14 of 22

Title: On the heat transfer coefficients between heated/cooled radiant ceiling and room

Author(s): Cholewa, T (Cholewa, Tomasz); Anasiewicz, R (Anasiewicz, Rafal); Siuta-Olcha, A (Siuta-Olcha, Alicja); Skwarczynski, MA (Skwarczynski, Mariusz A.)

Source: APPLIED THERMAL ENGINEERING Volume: 117 Pages: 76-84 DOI: 10.1016/j.applthermaleng.2017.02.019 Published: MAY 5 2017

Record 15 of 22

Title: Optimization method for multiple heat source operation including ground source heat pump considering dynamic variation in ground temperature

Author(s): Ikeda, S (Ikeda, Shintaro); Choi, W (Choi, Wonjun); Ooka, R (Ooka, Ryozyo)

Source: APPLIED ENERGY Volume: 193 Pages: 466-478 DOI: 10.1016/j.apenergy.2017.02.047 Published: MAY 1 2017

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Title: A NEW METHOD FOR THE OPTIMIZATION OF INSULATION THICKNESS FOR RADIANT WALL HEATING SYSTEMS

Author(s): Koca, A (Koca, Alihsan); Cetin, G (Cetin, Gursel); Velisan, E (Velisan, Eser)

Source: ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY Volume: 37 Issue: 2 Special Issue: SI Pages: 75-88 Published: 2017

Record 17 of 22

Title: Thermal Aging Properties and Electric Heating Behaviors of Carbon Fiber Paper-based Electric Heating Wood Floors

Author(s): Song, JB (Song, Jianbin); Hu, HB (Hu, Haibin); Zhang, MX (Zhang, Mingxin); Huang, B (Huang, Biao); Yuan, ZH (Yuan, Zhanhui)

Source: BIORESOURCES Volume: 12 Issue: 4 Pages: 9466-9475 DOI: 10.15376/biores.12.4.9466-9475 Published: 2017

Record 18 of 22

Title: The energy-saving effects of ground-coupled heat pump system integrated with borehole free cooling: A study in China

Author(s): Zhou, ZH (Zhou, Zhihua); Wu, SW (Wu, Shengwei); Du, T (Du, Tao); Chen, GY (Chen, Guanyi); Zhang, ZM (Zhang, Zhiming); Zuo, J (Zuo, Jian); He, Q (He, Qing)

Source: APPLIED ENERGY Volume: 182 Pages: 9-19 DOI: 10.1016/j.apenergy.2016.07.124 Published: NOV 15 2016

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Title: Can radiant floor heating systems be used in removable glazed enclosed patios meeting thermal comfort standards?

Author(s): Garcia, DA (Garcia, Davide Astiaso)

Source: BUILDING AND ENVIRONMENT Volume: 106 Pages: 378-388 DOI: 10.1016/j.buildenv.2016.07.013 Published: SEP 2016

Record 20 of 22

Title: Energy efficiency of electrical infrared heating elements

Author(s): Brown, KJ (Brown, K. J.); Farrelly, R (Farrelly, R.); O'Shaughnessy, SM (O'Shaughnessy, S. M.); Robinson, AJ (Robinson, A. J.)

Source: APPLIED ENERGY Volume: 162 Pages: 581-588 DOI: 10.1016/j.apenergy.2015.10.064 Published: JAN 15 2016

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Title: Modeling of the surface temperature field of a thermoelectric radiant ceiling panel system

Author(s): Luo, YQ (Luo, Yongqiang); Zhang, L (Zhang, Ling); Liu, ZB (Liu, Zhongbing); Wang, YZ (Wang, Yingzi); Meng, FF (Meng, Fangfang); Xie, L (Xie, Lei)

Source: APPLIED ENERGY Volume: 162 Pages: 675-686 DOI: 10.1016/j.apenergy.2015.10.139 Published: JAN 15 2016

Record 22 of 22

Title: A 50 year review of basic and applied research in radiant heating and cooling systems for the built environment

Author(s): Rhee, KN (Rhee, Kyu-Nam); Kim, KW (Kim, Kwang Woo)

Source: BUILDING AND ENVIRONMENT Volume: 91 Special Issue: SI Pages: 166-190 DOI: 10.1016/j.buildenv.2015.03.040 Published: SEP 2015

Record 1 of 15

Title: Numerical investigation of the influence of heat emitters on the local thermal comfort in a room

Author(s): Magni, M (Magni, Mara); Campana, JP (Campana, Jean Pierre); Ochs, F (Ochs, Fabian); Morini, GL (Morini, Gian Luca)

Source: BUILDING SIMULATION Volume: 12 Issue: 3 Pages: 395-410 DOI: 10.1007/s12273-019-0506-8 Published: JUN 2019

Record 2 of 15

Title: Investigation of phase change materials integrated with fin-tube baseboard convector for space heating

Author(s): Wong, RJD (Wong, Rudy J. D.); Al-Jethelah, M (Al-Jethelah, Manar); Ebadi, S (Ebadi, Soroush); Singh, A (Singh, Ashutosh); Mahmud, S (Mahmud, Shohel)

Source: ENERGY AND BUILDINGS Volume: 187 Pages: 241-256 DOI: 10.1016/j.enbuild.2019.02.005 Published: MAR 15 2019

Record 3 of 15

Title: Calibrated simulation analysis for integration of evaporative cooling and radiant cooling system for different Indian climatic zones

Author(s): Srivastava, P (Srivastava, Prateek); Khan, Y (Khan, Yasin); Bhandari, M (Bhandari, Mahabir); Mathur, J (Mathur, Jyotirmay); Pratap, R (Pratap, Ranaveer)

Source: JOURNAL OF BUILDING ENGINEERING Volume: 19 Pages: 561-572 DOI: 10.1016/j.jobe.2018.05.024 Published: SEP 2018

Record 4 of 15

Title: Mathematical modelling of conjugate heat transfer and fluid flow inside a domain with a radiant heating system

Author(s): Kuznetsov, GV (Kuznetsov, G., V); Kurilenko, NI (Kurilenko, N., I); Nee, AE (Nee, A. E.)

Source: INTERNATIONAL JOURNAL OF THERMAL SCIENCES Volume: 131 Pages: 27-39 DOI: 10.1016/j.ijthermalsci.2018.05.010 Published: SEP 2018

Record 5 of 15

Title: Abilities and limitations of thermal mass activation for thermal comfort, peak shifting and shaving: A review

Author(s): Olsthoorn, D (Olsthoorn, Dave); Haghighat, F (Haghighat, Fariborz); Moreau, A (Moreau, Alain); Lacroix, G (Lacroix, Gino)

Source: BUILDING AND ENVIRONMENT Volume: 118 Pages: 113-127 DOI: 10.1016/j.buildenv.2017.03.029 Published: JUN 2017

Record 6 of 15

Title: On the heat transfer coefficients between heated/cooled radiant ceiling and room

Author(s): Cholewa, T (Cholewa, Tomasz); Anasiewicz, R (Anasiewicz, Rafal); Siuta-Olcha, A (Siuta-Olcha, Alicja); Skwarczynski, MA (Skwarczynski, Mariusz A.)

Source: APPLIED THERMAL ENGINEERING Volume: 117 Pages: 76-84 DOI: 10.1016/j.applthermaleng.2017.02.019 Published: MAY 5 2017

Record 7 of 15

Title: Optimization method for multiple heat source operation including ground source heat pump considering dynamic variation in ground temperature

Author(s): Ikeda, S (Ikeda, Shintaro); Choi, W (Choi, Wonjun); Ooka, R (Ooka, Ryozo)

Source: APPLIED ENERGY Volume: 193 Pages: 466-478 DOI: 10.1016/j.apenergy.2017.02.047

Published: MAY 1 2017

Record 8 of 15

Title: Thermal Aging Properties and Electric Heating Behaviors of Carbon Fiber Paper-based Electric Heating Wood Floors

Author(s): Song, JB (Song, Jianbin); Hu, HB (Hu, Haibin); Zhang, MX (Zhang, Mingxin); Huang, B (Huang, Biao); Yuan, ZH (Yuan, Zhanhui)

Source: BIORESOURCES Volume: 12 Issue: 4 Pages: 9466-9475 DOI:

10.15376/biores.12.4.9466-9475 Published: 2017

Record 9 of 15

Title: A NEW METHOD FOR THE OPTIMIZATION OF INSULATION THICKNESS FOR RADIANT WALL HEATING SYSTEMS

Author(s): Koca, A (Koca, Alihsan); Cetin, G (Cetin, Gursel); Velisan, E (Velisan, Eser)

Source: ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY

Volume: 37 Issue: 2 Special Issue: SI Pages: 75-88 Published: 2017

Record 10 of 15

Title: The energy-saving effects of ground-coupled heat pump system integrated with borehole free cooling: A study in China

Author(s): Zhou, ZH (Zhou, Zhihua); Wu, SW (Wu, Shengwei); Du, T (Du, Tao); Chen, GY (Chen, Guanyi); Zhang, ZM (Zhang, Zhiming); Zuo, J (Zuo, Jian); He, Q (He, Qing)

Source: APPLIED ENERGY Volume: 182 Pages: 9-19 DOI: 10.1016/j.apenergy.2016.07.124

Published: NOV 15 2016

Record 11 of 15

Title: Can radiant floor heating systems be used in removable glazed enclosed patios meeting thermal comfort standards?

Author(s): Garcia, DA (Garcia, Davide Astiaso)

Source: BUILDING AND ENVIRONMENT Volume: 106 Pages: 378-388 DOI:

10.1016/j.buildenv.2016.07.013 Published: SEP 2016

Record 12 of 15

Title: Energy efficiency of electrical infrared heating elements

Author(s): Brown, KJ (Brown, K. J.); Farrelly, R (Farrelly, R.); O'Shaughnessy, SM (O'Shaughnessy, S. M.); Robinson, AJ (Robinson, A. J.)

Source: APPLIED ENERGY Volume: 162 Pages: 581-588 DOI: 10.1016/j.apenergy.2015.10.064

Published: JAN 15 2016

Record 13 of 15

Title: Modeling of the surface temperature field of a thermoelectric radiant ceiling panel system

Author(s): Luo, YQ (Luo, Yongqiang); Zhang, L (Zhang, Ling); Liu, ZB (Liu, Zhongbing); Wang, YZ (Wang, Yingzi); Meng, FF (Meng, Fangfang); Xie, L (Xie, Lei)

Source: APPLIED ENERGY Volume: 162 Pages: 675-686 DOI: 10.1016/j.apenergy.2015.10.139

Published: JAN 15 2016

Record 14 of 15

Title: A 50 year review of basic and applied research in radiant heating and cooling systems for the built environment

Author(s): Rhee, KN (Rhee, Kyu-Nam); Kim, KW (Kim, Kwang Woo)

Source: BUILDING AND ENVIRONMENT Volume: 91 Special Issue: SI Pages: 166-190 DOI: 10.1016/j.buildenv.2015.03.040 Published: SEP 2015

Record 15 of 15

Title: Numerical simulation of radiant ceiling panels for indoor cooling

Author(s): Cammarata, G (Cammarata, Giuliano); Petrone, G (Petrone, Giuseppe); Masi, F (Masi, Filippo)

Edited by: Paoletti D; Ambrosini D; Sfarra S

Source: 33RD UIT (ITALIAN UNION OF THERMO-FLUID DYNAMICS) HEAT TRANSFER CONFERENCE Book Series: Journal of Physics Conference Series Volume: 655 Article Number: 012023 DOI: 10.1088/1742-6596/655/1/012023 Published: 2015

Conference Title: 33rd Italian Union of Thermo-Fluid Dynamics (UIT) Heat Transfer Conference
Conference Date: JUN 22-24, 2015

Conference Location: Engn Campus Montelucio di Roio LAquila, LAquila, ITALY

Conference Host: Engn Campus Montelucio di Roio LAquila

Bojic M, 2015, BUILD SIMUL-CHINA, V8, P529, DOI 10.1007/s12273-015-0228-5

Record 1 of 2

Title: The effect of unheated users on residential building in heating performance

Author(s): Wang, RX (Wang, Ruixin); Cong, MY (Cong, Mingyang); Wei, C (Wei, Cun); Zhou, ZG (Zhou, Zhigang); Ni, L (Ni, Long); Liu, J (Liu, Jing); Jian, C (Jian, Chen)

Source: ENERGY AND BUILDINGS Volume: 253 Article

Number: 111519 DOI: 10.1016/j.enbuild.2021.111519 Early Access Date: OCT 2021

Published: DEC 15 2021

Record 2 of 2

Title: Influence of an unheated apartment on the heating consumption of residential building considering current regulations-Case of Serbia

Author(s): Lukic, N (Lukic, N.); Nikolic, N (Nikolic, N.); Timotijevic, S (Timotijevic, S.); Tasic, S (Tasic, S.)

Source: ENERGY AND BUILDINGS Volume: 155 Pages: 16-24 DOI: 10.1016/j.enbuild.2017.09.006 Published: NOV 15 2017

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Record 1 of 4

Title: Elegant method to improve the efficiency of remotely located solar panels using IoT

Author(s): Priyadharsini, K (Priyadharsini, K.); Kumar, JRD (Kumar, J. R. Dinesh); Babu, CG (Babu, C. Ganesh); Srikanth, A (Srikanth, A.); Sounddar, V (Sounddar, V.); Senthamilselvan, M (Senthamilselvan, M.)

Source: MATERIALS TODAY-PROCEEDINGS Volume: 45 Pages: 8094-8104 DOI: 10.1016/j.matpr.2021.01.572 Early Access Date: JUN 2021 Part: 9 Published: 2021

Record 2 of 4

Title: Temperature dependence of Raman scattering in the Cu₂ZnSnSe₄ thin films on a Ta foil substrate

Author(s): Stanchik, AV (Stanchik, A., V.); Tivanov, MS (Tivanov, M. S.); Tyukhov, II (Tyukhov, I. I.); Juskenas, R (Juskenas, R.); Korolik, OV (Korolik, O., V.); Gremenok, VF (Gremenok, V. F.); Saad, AM (Saad, A. M.); Naujokaitis, A (Naujokaitis, A.)

Source: SOLAR ENERGY Volume: 201 Pages: 480-488 DOI: 10.1016/j.solener.2020.03.043 Published: MAY 1 2020

Record 3 of 4

Title: Investigation of the Thermal Gradient Impact on Non-Planar Photovoltaics

Author(s): Alpuerto, LG (Alpuerto, Lance G.); Balog, RS (Balog, Robert S.)

Book Group Author(s): IEEE

Source: 2020 47TH IEEE PHOTOVOLTAIC SPECIALISTS CONFERENCE (PVSC) Book Series: IEEE Photovoltaic Specialists Conference Pages: 2424-2429 Published: 2020

Record 4 of 4

Title: Effects of selenization time and temperature on the growth of Cu₂ZnSnSe₄ thin films on a metal substrate for flexible solar cells

Author(s): Stanchik, AV (Stanchik, A. V.); Gremenok, VF (Gremenok, V. F.); Juskenas, R (Juskenas, R.); Tyukhov, II (Tyukhov, I. I.); Tivanov, MS (Tivanov, M. S.); Fettkenhauer, C (Fettkenhauer, Ch.); Shvartsman, VV (Shvartsman, V. V.); Giraitis, R (Giraitis, R.); Hagemann, U (Hagemann, U.); Lupascu, DC (Lupascu, D. C.)

Source: SOLAR ENERGY Volume: 178 Pages: 142-149 DOI: 10.1016/j.solener.2018.12.025 Published: JAN 15 2019

Arsic B., 2018, FACTA UNIV-SER ELECT, V17, P205, DOI [10.22190/FUACR1803205A, DOI 10.22190/FUACR1803205A]

Record 1 of 1

Title: Vulnerability assessment of freeway network considering the probabilities and consequences from a perspective based on network cascade failure

Author(s): Xu, JQ (Xu, Jinqiang); Huang, HN (Huang, Hainan); Cheng, YQ (Cheng, Yanqiu); Chen, KM (Chen, Kuanmin)

Source: PLOS ONE Volume: 17 Issue: 3 Article Number: e0265260 DOI: 10.1371/journal.pone.0265260 Published: 2022