

PHOENICS Publications 2025-2001

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F.A.Prasetya, T.Fukasawa, T.Ishigami, K.Fukui

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Separation and Purification Technology 355 (2025) 129778

M.Yin, B-J.He

Performance-based urban ventilation corridor for actual achievement of environmental benefits

Building and Environment 270 (2025) 112536

E. Martínez-Espinosa, W. Vicente, M. Salinas-Vazquez, J. Ramírez-Cruz.

Numerical study of the effect of flow patterns on contaminant removal in a hospital ward with symmetrical and asymmetrical inlet port arrangements

Science of the Total Environment 979 (2025) 179439

S.Esmaeli, S.H.Park, J.D.Yan

Radiative behaviour of nozzle-confined switching arcs burning in axially blown C₄F₇N + CO₂ + PTFE mixture

International Journal of Thermal Sciences 213 (2025) 109825

H.Wang et al.

Optimizing vertical urban development: The role of a multidimensional assessment framework for balancing vertical growth and habitability

Habitat International 161 (2025) 103424

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Evaluation of the influence of traditional village square layout factors on wind comfort.

Building and Environment 267 (2025) 112160

K.Kowalski, P.Błasiak, S.Pietrowicz

A review of scraped surface heat exchangers: Parameters describing thermal-fluid processes, influence of their internal geometric parameters and energy consumption

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W.Huang, Q.Xu, B.Zhao, Q.Lv, G.Wang,

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M.Yuan, Y.Geng, B.Lin, H.Tang, Y.Yang

Optimization of indoor temperature sensor deployment in large spaces for multiple building operation scenarios using the genetic algorithm

Journal of Building Engineering 96 (2024) 110446

Q.Zhang, L.Li, J.Zhou, W.W.Braham, N.Ma

A spatial analysis of ozone and PM2.5 distribution for assessing design factors of healthy buildings

Journal of Building Engineering 89 (2024) 109357

D.Song, M.Lu, J.Xing

Impact of spatial layout on vertical wind conditions and comfort levels in high-rise residential buildings in Shenzhen

Urban Climate 55 (2024) 101949

B.Zamora

Numerical investigation on the effects of non-uniform azimuthal heating in natural convection airflow within a vertical tube

International Communications in Heat and Mass Transfer 159 (2024) 108131

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Morphological changes in the inferior nasal passage associated with superior repositioning of the maxilla with/without horseshoe osteotomy or turbinectomy

Int. J. Oral Maxillofacial Surgery (2024); 53: 1032–1040

T.Kitamura et al.

Effects of adenoid hypertrophy on nasopharyngeal airway ventilation: A computational fluid dynamics study

International Journal of Pediatric Otorhinolaryngology 180 (2024) 111961

S.B Beale, M.R Malin, H Marschall

Remarks on the Physical Basis for the Construction of Diffusion Flux Terms in Finite-volume Equations

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A.Ghobadian, I.Talavera, S.Bresciani, C.Troise

Successful establishment of innovation systems for low visibility breakthrough innovations: The role of system builders, proximal institution and legitimacy

Technological Forecasting & Social Change 201 (2024) 123210

M.Wojcik, L.Szabłowski, O.Dybinski

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L.Jiang, Z.Fan, Y.Gao, X.Su, J.Rashidov

Optimization of temperature prediction algorithms and simulation of future neighborhood-scale thermal

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H.Wang, J. Zhu , Y.Dai, H.Hu

A simplified cooling load calculation method based on equivalent heat transfer coefficient for large space buildings with a stratified air-conditioning system

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L.Xiang , Q.Meng , P.Ren

Effects of environmental and architectural factors on chloride-salt deposition on coastal building surfaces in the Zhujiang River Estuary

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X.Ying, X.Qin, L.Shen, C.Yu, J.Zhang

An intelligent planning method to optimize high-density residential layouts considering the influence of wind environments

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