A study on new objective measure corresponding to listener envelopment in concert halls

Finite-difference time-domain acoustic simulation technique in generalized curvilinear coordinates using contravariant velocity and pressure for leapfrog time marching

Theoretical study on phase interference method for passive reduction of multiple excitation forces
Reduction method of vibration due to rhythmic action of concert audience

The suitable illumination level of shop and street lighting on a commercial street

Development of numerical thermoregulation-model com for evaluation of thermal environment

A study on qualities of indoor thermal environment and heating energy consumption for highly insulated buildings in cold regions
Effects of short-term solar fluctuation and prediction accuracy of separation of global irradiance
Characteristic study on meteorological elements effect on separation of global irradiance (part 1)

Regional characteristics of heating degree-days and potential of passive heating for residential buildings in China
Prediction and its validation on ventilation rate and auxiliary fan work of a hybrid ventilation system with wind for multifamily dwellings

An investigation of the VOC removal rates on domestic air cleaners Studies on removal characteristics of indoor gaseous contaminants on domestic air cleaners (part 2)

Study on the decrease rate of terpenes by chemical reaction between ozone and terpenes emitted from cypress wood and pine wood

Study on simple measurement of tvoc by semiconductor-based sensor
Proposal of the h-t basis, the j-c-t basis and the j-s-t basis cooling design weather data

A study on thermal storage systems for highly insulated buildings based on simplified predictive control

Study on energy efficiency ratio of heat source systems through actual measurement Performance evaluation of heat source systems by using system cop as an index

Analysis of corrosion mechanism of sprinkler piping and corrosion protection

Detailed characteristics of summer radiative temperature in Osaka central area —Analysis of radiative temperature in Osaka central area by using thermal image and GIS data—

A study on the reproducibility of dynamic simulation of visual environment on large displays Computer graphics, as a method of simulation of interior

A study on the characteristics of the preference for regional landscapes based on the free descriptive answer by subjects

The effects of lighting colors and types of background music on conversational behavior at a cafe

A study on the three layers type EM wave absorber by using fiber reinforcement cement board for wireless LAN

Adsorption behavior of chemical contaminants on silicon wafer surface by molecular simulation