Povl Ole Fanger - Research outputs - DTU Orbit (03/07/2019)

Effects of outdoor air supply rates on call handling performance in three call centers in the tropics. / Willem, Henry Cahyadi; Tham, Kwok-Wai; Wargocki, Pawel; Wyon, David Peter; Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2006 › Research › peer-review

Effects of outdoor air supply rates on subjective factors in three call centers in the Tropics (a principal component analysis approach). / Willem, Henry Cahyadi; Tham, Kwok Wai; Wargocki, Pawel; Wyon, David Peter; Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2006 › Research › peer-review

Experimental determination of the limiting criteria for human exposure to low winter humidity indoors (RP-1160). / Wyon, David Peter; Fang, Lei; Lagercrantz, Love Per; Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Human response to five designs of personalized ventilation. / Kaczmarsczyk, Jan; Melikov, Arsen Krikor; Bolashikov, Zhecho D.; Nikolaev, Lazar; Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Influence of ozone-limonene reactions on perceived air quality. / Tamas, Gyöngyi; Weschler, Charles J.; Toftum, Jørn; Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

The impact of sorption on perceived indoor air quality. / Sakr, Wafa; Weschler, Charles J.; Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Thermal sensation and thermophysiological responses with metabolic step-changes. / Goto, Tomonobu; Toftum, Jørn; deDear, Richard; Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

What is IAQ? / Fanger, Povl Ole.
Research output: Contribution to journal › Conference article – Annual report year: 2006 › Research › peer-review

Cerebral blood flow, fatigue, mental effort and task performance in an office with two different pollution loads. / Nishihara, N.; Wargocki, Pawel; Wyon, David; Fanger, Povl Ole; Tanabe, S.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2005 › Research › peer-review

Effects of indoor pollution sources and ventilation rate on ozone's surface removal rate and the occurrence of oxygenated VOCs in an office space. / Bako-Biro, Zsolt; Weschler, Charles J.; Wargocki, Pawel; Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2005 › Research › peer-review

Effects of indoor pollution sources and ventilation rate on ozone surface removal rate and the occurrence of oxygenated VOCs in an office space. / Bako-Biro, Zsolt; Weschler, Charles J.; Wargocki, Pawel; Fanger, Povl Ole.
Binnenlucht met een hoge kwaliteit. / Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Effects of air pollutants on the carbon dioxide (CO2) emission rate of human subjects. / Bako-Biro, Zsolt; Wargocki, Pawel; Wyon, David; Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2004 › Research › peer-review

Effects of pollution from personal computers on perceived air quality, SBS symptoms and productivity in offices. / Bako-Biro, Zsolt; Wargocki, Pawel; Weschler, Charles J.; Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

How to make indoor air quality one hundred times better while saving energy. / Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2004 › Research › peer-review

Human response to personalized ventilation and mixing ventilation. / Kaczmarczyk, Jan; Melikov, Arsen Krikor; Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Impact of indoor air temperature and humidity in an office on perceived air quality, SBS symptoms and performance. / Fang, Lei; Wyon, D.P.; Clausen, Geo; Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

New indoor environment chambers and field experiment offices for research on human comfort, health and productivity. / Toftum, Jørn; Langkilde, Gunnar; Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

One hundred times better indoor air quality. / Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2004 › Research › peer-review

Sensory pollution loads in six office buildings and a department store. / Wargocki, Pawel; Fanger, Povl Ole; Krupicz, P.; Szczecinski, A.
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

The performance and subjective responses of call-center operators with new and used supply air filters at two outdoor air supply rates. / Wargocki, Pawel; Wyon, David; Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

The potential to improve indoor air quality one hundred times while saving energy. / Fanger, Povl Ole.
Thermal sensation and comfort with five different air terminal devices for personalized ventilation. / Kaczmarczyk, Jan; Melikov, Arsen Krikor; Bolashikov, Z.; Nikolaev, L.; Fanger, Povl Ole.
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2004 » Research

Transient thermal sensation and comfort resulting from adjustment of clothing insulation. / Goto, Tomonobu; Toftum, Jørn; Fanger, Povl Ole; Yoshino, H.
2004.
Research output: Book/Report › Book – Annual report year: 2004 » Research » peer-review

Chemical emission rates from personal computers. / Nakagawa, T.; Wargocki, Pawel; Tanabe, S.; Weschler, Charles J.; Baginska, S.; Bako-Biro, Zsolt; Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2003 » Research » peer-review

Energy efficiency potential of personalized ventilation system in the tropics. / Sekhar, S.; Maheswaran, C.; Nan, G.; Cheong, D.; Tham, K. W.; Melikov, Arsen Krikor; Fanger, Povl Ole; Wai, Tham Kwok (Editor); Sekhar, S. C. (Editor); Cheong, K. W. D. (Editor).
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2003 » Research » peer-review

Human Response to Air Movement - Evaluation of ASHRAE´s Draft Criteria. / Toftum, Jørn; Melikov, Arsen Krikor; Tynel, A.; Bruzda, M.; Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 2003 » Research » peer-review

Indoor air quality in cold climates. / Fanger, Povl Ole; Hanssen, Sten Olaf (Editor).
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2003 » Research » peer-review

Low winter humidity indoors has a negative effect on the performance of offic. / Wyon, D.P.; Fang, Lei; Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2004 » Research » peer-review

New air terminal devices with high efficiency for personalized ventilation application. / Bolashikov, Z.; Nikolaev, L.; Melikov, Arsen Krikor; Kaczmarczyk, Jan; Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2003 » Research » peer-review

Personalized ventilation: air terminal devices with high efficiency. / Bolashikov, Zhecho Dimitrov; Nikolaev, L.; Melikov, Arsen Krikor; Kaczmarczyk, Jan; Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2003 » Research » peer-review

Preliminary findings of a pilot study of personalized ventilation in a hot and humid climate. / Sekhar, S.; Nan, G.; Maheswaran, C.; Tham, K. W.; Melikov, Arsen Krikor; Fanger, Povl Ole.


The role of ventilation and HVAC systems for human health in nonindustrial indoor environments. A supplementary review by EUROVEN group. / Wargocki, Pawel; Sundell, Jan; Bischof, W.; Brundrett, G.; Fanger, Povl Ole; Gyntelberg, F.; Hanssen, S. O.; Harrison, P.; Pickering, A.; Seppänen, O.; Wouters, P.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2002 › Research › peer-review

Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research › peer-review

Human requirements in future air-conditioned environments. / Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2001 › Research › peer-review

Human requirements in future air-conditioned environments. / Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

Increased office productivity by improving indoor air quality. / Fanger, Povl Ole; Wargocki, Pawel.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2001 › Research › peer-review

Increased office productivity through improved indoor air quality. / Fanger, Povl Ole; Wargocki, Pawel.
Proceedings of IAQ Symposium. Hong Kong: Department of Mechanical Engineering, Hong Kong Polytechnic University, 2001.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2001 › Research › peer-review

Thermal comfort in the future - excellence and expectation. / Fanger, Povl Ole; Toftum, Jørn.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2001 › Research › peer-review

Ventilation and health in nonindustrial indoor environments. / Wargocki, Pawel; Sundell, Jan; Bischof, W.; Brundrett, G.; Fanger, Povl Ole; Gyntelberg, F.; Hanssen, S. O.; Harrison, P.; Pickering, A.; Seppänen, O.; Wouters, P.
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

Air-conditioning in the 21st century: impact on human productivity and energy consumption. / Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2000 › Research › peer-review

Discomfort due to skin humidity with different fabric textures and materials. / Toftum, Jørn; Rasmussen, Leif Winsnes; Mackeprang, Jørgen; Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research › peer-review

Exposure-response relationships for emissions from used ventilation filters. / Alm, Ole Martin; Clausen, Geo; Fanger, Povl Ole.
Good air quality in offices improves productivity. / Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2000 › Research › peer-review

Good air quality in offices improves productivity. / Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research › peer-review

Human requirements in future air-conditioned environments: a search for excellence. / Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2000 › Research › peer-review

Indoor air quality in the 21st century: search for excellence. / Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research › peer-review

Perceived air quality and ventilation requirements. / Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2000 › Research › peer-review

Pollution source control and ventilation improve health, comfort and productivity. / Wargocki, Pawel; Wyon, David; Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2000 › Research › peer-review

Pollution source control and ventilation improve health, comfort and productivity. / Wargocki, Pawel; Wyon, David; Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2000 › Research › peer-review

Pollution source control and ventilation improve health, comfort and productivity. / Wargocki, Pawel; Wyon, David; Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2000 › Research › peer-review

Productivity is affected by the air quality in offices. / Wargocki, Pawel; Wyon, David; Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2000 › Research › peer-review

Provide good air quality for people and improve their productivity. / Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2000 › Research › peer-review
Enthalpy and perceived air quality - a paradigm shift. / Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research

Global issues related to offices and public assembly halls from a building perspective. / Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1997 › Research › peer-review

Impact of changing the floor material on air quality in an office building. / Wargocki, Pawel; Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1997 › Research › peer-review

Impact of temperature and humidity on acceptability of indoor air quality during immediate and longer whole-body exposures. / Fang, Lei; Clausen, Geo; Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1997 › Research › peer-review

New trends in international standards on the indoor environment. / Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research › peer-review

Oplevet luftkvalitet og ventilation. / Fanger, Povl Ole.
1997.
Research output: Book/Report › Report – Annual report year: 1997 › Research › peer-review

Sensory characterization of emissions from materials. / Knudsen, H.N.; Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research › peer-review

Sensory pollution load caused by HVAC components. / Pejtersen, Jan H.; Clausen, Geo; Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1997 › Research › peer-review

The philosophy of ventilation: past, present and future. / Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1997 › Research

European data base on indoor air pollution sources in buildings. / Clausen, Geo; Oliveira Fernandes, E. de; Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1996 › Research › peer-review

European indoor air quality audit project in 56 office buildings. / Bluyssen, P.M.; Oliveira Fernandes, E. de; Groes, Anne Lisbet; Clausen, Geo; Fanger, Povl Ole; Valbjørn, O.; Bernhard, C.A.; Roulet, C.A.
In: Indoor Air, Vol. 6, 1996, p. 221-238.
Research output: Contribution to journal › Journal article – Annual report year: 1996 › Research › peer-review
VOC generation system for indoor air quality studies. / Wargocki, Pawel; Mølhave, L.; Fang, Lei; Melikov, Arsen Krikor; Clausen, Geo; Fanger, Povl Ole.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1996 › Research › peer-review

Spot Cooling - Part 1: Human response to cooling with air jet. / Melikov, Arsen Krikor; Helkjær, Anders; Arakelian, R.; Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 1994 › Research › peer-review

Spot Cooling - Part 2: Recommendations for design of spot cooling systems. / Melikov, Arsen Krikor; Helkjær, Anders; Arakelian, R.; Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 1994 › Research › peer-review

Turbulence and draft. / Fanger, Povl Ole; Melikov, Arsen Krikor; Hanzawa, H.; Ring, J.
Research output: Contribution to journal › Journal article – Annual report year: 1989 › Research › peer-review

Airflow characteristics in the occupied zone of heated spaces without mechanical ventilation. / Melikov, Arsen Krikor; Hanzawa, H.; Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 1988 › Research › peer-review

Air Turbulence and sensation of draught. / Fanger, Povl Ole; Melikov, Arsen Krikor; Hanzawa, H.; Ring, J.
Research output: Contribution to journal › Journal article – Annual report year: 1988 › Research › peer-review

Airflow characteristics in the occupied zone of ventilated spaces. / Hanzawa, H.; Melikov, Arsen Krikor; Fanger, Povl Ole.
Research output: Contribution to journal › Journal article – Annual report year: 1987 › Research › peer-review