Papers that summarize research by CBE and affiliated institutions have appeared in the following journals, trade magazines, and conference proceedings. Many of these publications are also available from the eScholarship Repository, on-line at http://escholarship.org/uc/cedr_cbe.

2020


https://escholarship.org/uc/item/75j1m967


https://escholarship.org/uc/item/5ww2c38p

https://doi.org/10.1016/j.enbuild.2020.109761

https://escholarship.org/uc/item/6s44510d

https://escholarship.org/uc/item/43c525tg

https://doi.org/10.1016/j.buildenv.2020.106660
https://escholarship.org/uc/item/8cj7n6ps

https://escholarship.org/uc/item/5fs9q6fq

https://escholarship.org/uc/item/04x6v86j

https://escholarship.org/uc/item/0080620p

https://doi.org/10.1016/j.jobe.2019.100948
https://escholarship.org/uc/item/07v2s2xm


2019


https://doi.org/10.1016/j.jobe.2018.11.015  https://escholarship.org/uc/item/2hc0396w

https://doi.org/10.1016/j.buildenv.2019.01.050  https://escholarship.org/uc/item/3z1242jb


https://doi.org/10.1016/j.buildenv.2018.12.010  https://escholarship.org/uc/item/6pn5z6fc

https://doi.org/10.1016/j.buildenv.2018.11.012  https://escholarship.org/uc/item/9vv4z3gg

https://doi.org/10.1016/j.buildenv.2018.10.012  https://escholarship.org/uc/item/84h3z7nx

2018

https://escholarship.org/uc/item/1x58x5gc  NEW

https://escholarship.org/uc/item/0s43g082

https://escholarship.org/uc/item/7st6c08f

Kent, M. G. 2018. The importance of window view: Using an exploratory factor analysis to uncover the underlying latent dimensions. CBE Internal Report.  
https://escholarship.org/uc/item/4mjj1b1vz


Karmann, C., S. Schiavon, and E. Arens. 2018. Percentage of commercial buildings showing at least 80% occupant satisfied with their thermal comfort. Proceedings of *10th Windsor Conference*. Windsor, UK. April 12-15th. https://escholarship.org/uc/item/89m0z34x


Duarte, C., P. Raftery, S. Schiavon, and F. Bauman. 2018. How high can you go? Determining the highest supply temperature for high thermal mass radiant cooling systems in California. Accepted for publication in Proceedings of *4th International Conference on Building Energy Environment* (*COBEE 2018*). Melbourne, Australia, February 5-9th. https://escholarship.org/uc/item/0s06q03g


2017


Raftery, P., C. Duarte, S. Schiavon, and F. Bauman. 2017. A new control strategy for high thermal mass radiant systems. Accepted for publication in Proceedings of *Building Simulation Conference 2017*. San Francisco, California, August 7-9th. [www.escholarship.org/uc/item/5tz4n92b](http://www.escholarship.org/uc/item/5tz4n92b)


http://jn.physiology.org/content/117/4/1797


2016

www.escholarship.org/uc/item/9076254n


2015

http://dx.doi.org/10.1016/j.buildenv.2014.11.032 www.escholarship.org/uc/item/0767n79h


2014


Coakley, D., P. Raftery, and M. Keane. 2014. A review of methods to match building energy simulation models to measured data. *Renewable and Sustainable Energy Review*, Volume 37, 123-141. [http://escholarship.org/uc/item/88z3g017 https://doi.org/10.1016/j.rser.2014.05.007](http://escholarship.org/uc/item/88z3g017 https://doi.org/10.1016/j.rser.2014.05.007)


Chen, B., S. Schiavon, F. Bauman, and Q.Y. Chen. 2014. A comparison between two underfloor air distribution (UFAD) design tools. *Proceedings of the 13th International Conference Indoor Air 2014*, Hong Kong. July 7-12. [https://escholarship.org/uc/item/5zz6g8wj](https://escholarship.org/uc/item/5zz6g8wj)


2013


http://dx.doi.org/10.1016/j.buildenv.2013.06.008  http://escholarship.org/uc/item/4j61p7k5


http://dx.doi.org/10.1080/17508975.2013.781499  www.escholarship.org/uc/item/0cg493gy

http://www.escholarship.org/uc/item/9s12q89q


http://windows.lbl.gov/comm_perf/newyorktimes.htm


http://www.escholarship.org/uc/item/58m8302p


http://escholarship.org/uc/item/18f0r375


2012


http://www.ibpsa.us/simbuild2012/Papers/SB12_TS10b_4_Webster.pdf


2011


Goins, J. 2011. Case study of CalSTRS headquarters. CBE Internal report, August. [https://escholarship.org/uc/item/1b435820](https://escholarship.org/uc/item/1b435820)

Ackerly, K., L. Baker, and G. Brager. 2011. Window use in mixed-mode buildings: A literature review. CBE Summary Report, April. [http://escholarship.org/uc/item/0t70f65m](http://escholarship.org/uc/item/0t70f65m)


Zelanay, K. 2011. Impact of Fixed Exterior Shading on Daylighting: A Case Study of the David Brower Center. [http://escholarship.org/uc/item/1mq5k9mw](http://escholarship.org/uc/item/1mq5k9mw)


2010


**2009**


2008


Arens, E., D. Auslander, and C. Huizenga. 2008. Demand response enabling technology development. CBE Report to CEC Public Interest Energy Research (PIER) Program. [http://escholarship.org/uc/item/5tw6f01n](http://escholarship.org/uc/item/5tw6f01n)

2007

Do, A., W. Burke, D. Auslander, R. White, and P. Wright. 2007. Technical review of residential programmable communication thermostat implementation for Title 24, 2008. Draft Report Version 0.1, Center for Environmental Design Research, University of California, November. [https://escholarship.org/uc/item/43q4s9vj](https://escholarship.org/uc/item/43q4s9vj)

Webster, T., P. Linden, F. Buhl, and F. Bauman. 2007. Energy performance of underfloor air distribution systems. Final Project Report submitted to California Energy Commission (CEC) Public Interest Energy Research (PIER) Program. Center for the Built Environment, University of California, Berkeley, CA, April. [https://escholarship.org/uc/item/1pm8b02s](https://escholarship.org/uc/item/1pm8b02s)


2006


2005


2004


http://www.escholarship.org/uc/item/4mt1s62r

http://www.escholarship.org/uc/item/1f48425v

http://www.escholarship.org/uc/item/10h760kh

http://escholarship.org/uc/item/2m34683k


https://escholarship.org/uc/item/91x7d9ws

http://www.escholarship.org/uc/item/36k3m148

http://www.escholarship.org/uc/item/7f46b58s

http://escholarship.org/uc/item/0wj7r61r


2003


Webster, T., and A. Barth. 2003. Development of fan diagnostics methods and protocols for short term monitoring. Final Report, Berkeley, CEC/PIER HPCBS# E5P2.2T4c, 19 pp. [https://escholarship.org/uc/item/5q46x5km](https://escholarship.org/uc/item/5q46x5km)

---

### 2002

Webster, T., R. Bannon, and D. Lehrer. 2002. Teledesic broadband center field study. CBE Summary Report, April. [https://escholarship.org/uc/item/84m9s48s](https://escholarship.org/uc/item/84m9s48s)


2001


2000


Webster, T., F. Bauman, and E. Ring. 2000. Supply fan energy use in pressurized underfloor air distribution systems. Center for the Built Environment, University of California, Berkeley, October. https://escholarship.org/uc/item/1xm4d8f9


1999


1998


http://www.escholarship.org/uc/item/8x98n5hj

https://doi.org/10.1016/S0378-7788(97)00053-4

http://escholarship.org/uc/item/4qq2p9c6


http://escholarship.org/uc/item/8m6814qd


1997

Kwok, A. 1997. Thermal comfort in naturally-ventilated and air-conditioned classrooms in the tropics. PhD Dissertation, Dept. of Architecture, University of California, Berkeley. [https://escholarship.org/uc/item/65d3k1jt](https://escholarship.org/uc/item/65d3k1jt)


1996


1995


Bauman, F., and M. McClintock. 1993. A study of occupant comfort and workstation performance in PG&E’s advanced office systems testbed. Final Report to PG&E Research and Development. Center for Environmental Design Research, University of California, Berkeley, 135 pp. May. [www.escholarship.org/uc/item/1hg0b1w7](http://www.escholarship.org/uc/item/1hg0b1w7)


1992


1991


1990


1989


**1988**


1987


1986


**1985**


**1984**


1983


1982


1981


1980
