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Titolo	Kitchen Pollutants Control and Ventilation : A Ventilation Guide to Asian & European Kitchen Environment / / by Angui Li, Risto Kosonen
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2019
ISBN	981-13-6496-6
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XXI, 407 p. 362 illus., 220 illus. in color.)
Disciplina	643.3
Soggetti	Building construction Air - Pollution Health promotion Sustainable architecture Thermodynamics Building Physics, HVAC Atmospheric Protection/Air Quality Control/Air Pollution Health Promotion and Disease Prevention Sustainable Architecture/Green Buildings
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Cooking history and development of kitchen appliances -- Kitchen ventilation requirements -- Pollutants of cooking oil fume and health risks -- Thermal comfort in kitchen -- Basis to calculate exhaust airflow rate -- Design of kitchen ventilation -- High performance kitchen ventilation -- Stack effects of kitchen exhaust shaft in high-rise building -- Case study and design of kitchen ventilation.
Sommario/riassunto	This book has been written by two experts in ventilation and indoor air quality with vast experience in the field of kitchen ventilation in both Asia and Europe. The authors share their extensive knowledge of the subject and present the results of their research programs as well those of other researchers. Discussing advanced theories of and design approaches for kitchen ventilation, it is a useful reference resource for a wide range of readers, including HVAC researchers, designers and architects.

