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Nota di contenuto	Frontmatter -- Contents -- 1. Biomass ethanol fuel technology / Zhang, Yu / Xu, Jingliang / Jin, Yanling / Zhuang, Xinshu / Zhao, Hai / Liu, Yunyun / Yu, Qiang / Zhou, Guixiong / Xiao, Mingsong -- 2. Technologies of biomass pyrolysis / Yi, Weiming / Zhu, Xifeng / Qi, Wei -- 3. Technologies for biomass-based hydrogen production / Yan, Changfeng / Zhang, Quanguo / Zhu, Shunni -- 4. Biomass synthetic fuel technology / Wang, Tiejun / Ma, Longlong / Weng, Yujing / Tu, Junlin / Ding, Mingyue / Xu, Huijuan / Zhang, Qi -- 5. Technologies in vegetable oil and biodiesel / Li, Changzhu / Luo, Wen / Xiao, Zhihong / Yang, Lingmei / Zhang, Aihua / Lv, Pengmei -- 6. Technologies of municipal solid waste treatment / Li, Dong / Liu, Xiaofeng / Zhen, Feng / Li, Haibin -- 7. Microbial fuel cells / Kong, Xiaoying / Yang, Gaixiu / Li, Ying / Sun, Dongmei / Deng, Huan -- References -- Index -- Also of interest
Sommario/riassunto	The second part of Bioenergy: Principles and Technologies continues the discussion of biomass energy technologies covering fuel ethanol production, pyrolysis, biomass-based hydrogen production and fuel synthesis, biodiesel, municipal solid water treatment and microbial fuel cells. With a combination of theories, experiments and case studies, it is an essential reference for bioenergy researchers, industrial chemists and chemical engineers.

