

Electronic Nose Technologies and Advances in Machine Olfaction

Part of the Advances in Computer and Electrical Engineering Book Series

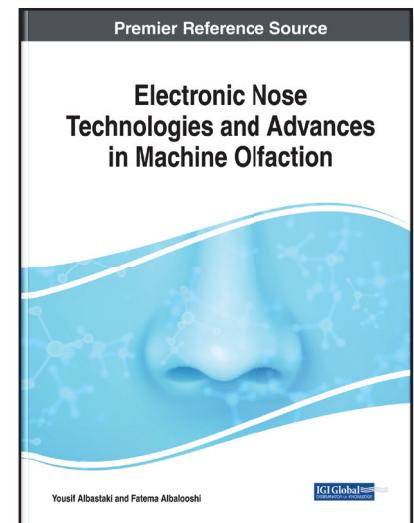
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Description:

The design and study of materials is a pivotal component to new discoveries in the various fields of science and technology. By better understanding the components and structures of materials, researchers can increase its applications across different industries.

Electronic Nose Technologies and Advances in Machine Olfaction

is an academic scholarly resource that examines the emerging applications of odor-sensing devices as well as a better understanding of the designing process with the aid of neural networks and various other technologies. Featuring coverage on a broad range of topics including food spoilage detection, chemical sensing, and olfactometer, this book is a vital resource for engineers, academicians, researchers, students, and practitioners seeking current research on the advancements in applications of odor-sensing devices.



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Topics Covered:

- Artificial Odor Classification System
- Chemical Sensing
- Drift Compensation Methods
- Explosive Detection
- Food Spoilage Detection
- Odor Sensing
- Olfactometer

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