

해양생명공학 백과사전

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생명과학/세포 및 분자 생물학/생명공학

최신 연구와 광범위한 해양생물공학 응용 분야를 모두 제시하는 핵심 참고서

관련 분야 100명의 국제 전문가들이 기고한 이 5권의 백과사전은 해양생물공학 관련 주제를 포괄적으로 다룹니다. 분야의 역사에서부터 해양 생물 공학에 대한 완전한 개요를 제시하며 해양 유기체, 바이오 프로세스 기술, 해양 천연물, 바이오 소재, 바이오 에너지 및 조류 생명공학에 대한 정보를 제공합니다. 또한, 의약품, 화장품 및 기능성 식품과 같은 분야의 해양 식품 및 생명공학 응용 분야를 다룹니다.

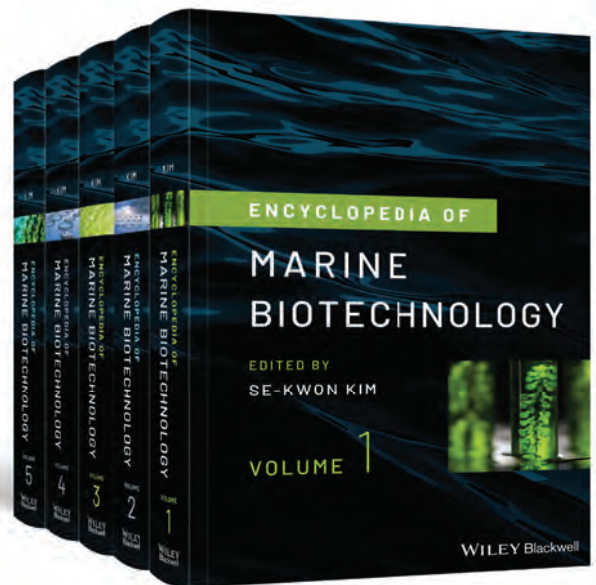
해양생명공학 백과사전의 각 주제는 10~30개의 하위 주제로 구성되어 있으며 조류를 이용한 화장품, 약물 및 비료, 생물 다양성, 키틴질(質) 및 키토산, 에어로플리시닌-1, 톨루퀴놀, 아스타잔틴 및 푸코잔틴, 조류 및 어류 유전체학을 다루고 있습니다. 또한, 해양 미생물의 신경 보호 화합물, 신경독성 조류 독소의 잠재적 활용 및 의학적 관리, 해양 미생물 탐구에 있어 균유전체학의 역할을 고찰하며, 다른 섹션에서는 해양 미생물학, 제약 개발, 해산물 과학 및 오늘날 이러한 분야에서 사용되고 있는 새로운 생명공학 툴을 자세하게 다루고 있습니다.

- 해양생물공학 전문가를 위한 최고의 백과사전 중 하나
- 과학 연구와 산업 분야의 격차를 해소하기 위해 해양생물공학에 관한 다양한 연구를 집대성
- 다루는 기술 및 응용 분야에 대한 컬러 삽화와 함께 명확한 설명 제공
- 생물의학 분야에서의 해양생물공학 응용에 관한 연구 포함
- 세계적으로 저명한 전문가들의 기고를 받아 숙련된 저자가 편집


해양생물공학 백과사전은 대학원생 및 석사 수준의 학생들뿐만 아니라 해당 업계의 연구원, 과학자 및 해양생물학자를 위한 필수 자료입니다. 또한, 해양생명공학, 제약 및 생명공학, 생물 에너지에 중점을 두는 기업들에게도 유용할 것입니다.

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