

1. Record Nr.	UNINA9911015873403321
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Titolo	5th International Conference for Innovation in Biomedical Engineering and Life Sciences : Proceedings of ICIBEL 2024, September 22–23, 2024, Yogyakarta, Indonesia / / edited by Fatimah Ibrahim, Noraisyah Mohamed Shah, Mohd Yazed Ahmad, Ika Dewi Ana
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031973741 9783031973734
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (376 pages)
Collana	IFMBE Proceedings, , 1433-9277 ; ; 129
Altri autori (Persone)	Mohamed ShahNoraisyah AhmadMohd. Yazed Analka Dewi
Disciplina	610.28
Soggetti	Biomedical engineering Signal processing Nanomedicine Biomedical Devices and Instrumentation Signal, Speech and Image Processing Nanomedicine and Nanotoxicology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Developing awareness of Boys with Hypogonadism in Community Health Care Center: An Observational Study in Yogyakarta Province, Indonesia -- The Analysis of Mother's Age of Marriage and Stunted Child Psychomotor and Dietary Habits in Bone Bolango -- Service Robots for Systemic Lupus Erythematosus (SLE) Management: A Systematic Review and Disruptive Design -- Characterization of 3D-printed Hollow Microneedle Array Towards Analyte Sampling and Detection.
Sommario/riassunto	This book reports on engineering methods and technologies for biomedical applications and for improving quality of life. It covers a wide range of developments relating to medical devices, service robots, technologies for public health & epidemiology, and health education.

Further topics include: advanced biomaterials and nanotechnology for tissue engineering and drug delivery, among others, artificial intelligence applications in biomedicine, and green and low-cost technologies. Throughout the book, a special emphasis is given to innovative research carried out and findings achieved in Malaysia and Indonesia. Based on the proceedings of the 5th International Conference for Innovation in Biomedical Engineering and Life Sciences, ICIBEL 2024, held on September 22–23, 2024, in Yogyakarta, Indonesia, this book provides researchers and professionals with a timely snapshot of current issues and challenges in the broad field of biomedical engineering. It is aimed at inspiring future research and fostering interdisciplinary and international collaborations in this field and relating ones.

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