

وزارة التعليم العالي والبحث العلمي

جامعة الفرات الاوسط التقنية

المعهد العالي لتقنيات النانو للدراسات العليا

شعبة المكتبة

# فهرس الكتب

٢٠٢٦-٢٠٢٧

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مقدمة في تكنولوجيا النانو



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تقنيات النانو الطبية والصحية

<b>Title</b>	<b>Editor</b>	<b>Publication Date</b>
Medical Terminology (8 TH EDITION)	DAVI - ELLEN CHABNER	2018
OXFORD HANDBOOK OF GENERAL PRACTICE (FIFTH EDITION)	Chantal Simon and others	2020
Genetics For Dummies (3rd Edition)	Tara Rodden Robinson and Lisa Cushman Spock	2020
CELL BIOLOGY (FOURTH EDITION)	Stephen Bolsover and others	2022
Human Biology (Fifteenth Edition)	Sylvia S. Mader and Michael Windelspecht	2018
FIRE ANATOMY MNEMONICS (SECOND EDITION)	Yousuf Saqib	2022
Snell's Clinical Anatomy (TENTH EDITION)	Regions LAWRENCE E. WINESKI	2019
Grants Atlas of Anatomy (Edition 14)	Anne M. R. Agur and Arthur F. Dalley	2017
TEXTBOOK OF MEDICAL PHYSIOLOGY (15th EDITION) VOLUME 1,2)	JOHN E. HALL and MICHAEL E. HALL	2026
TEXTBOOK OF MEDICAL PHYSIOLOGY (14TH EDITION)	JOHN E. HALL and MICHAEL E. HALL	2021
Ganong's Review of Medical Physiology (26th Edition)	Kim E. Barrett and others	2019
Davidson's Principles and Practice of Medicine (24th Edition)	Ian D. Penman and others	2023
Davidson's Principles and Practice of Medicine (24th Edition) vol.1,2,3	Ian D. Penman and others	2023
Davidson's Essentials of Medicine (3rd Edition) Volume 1,2	J. Alastair Innes	2021
Textbook of BIOCHEMISTRY With Clinical Correlations (Seventh Edition)	Thomas M. Devlin	2011
Lippincott® Illustrated Reviews: Biochemistry (Eighth Edition)	Emine Ercikan Abali and others	2022
Clinical Chemistry Principles, Techniques, and Correlations (EIGHTH edition)	Michael L. Bishop and others	2018
Clinical Chemistry (Ninth Edition)	William J. Marshall and others	2021
CLINICAL BIOCHEMISTRY & METABOLIC MEDICINE (EIGHTH EDITION)	Martin A Crook	2012
Harper's Illustrated Biochemistry (THIRTY - FIRST EDITION)	Victor W. RODWELL and others	2018
Medical Aspects of. LIPID METABOLISM (1st edition) PART 1,2	Fadhil Jawad Al-Tu'ma and others	2024

<b>Title</b>	<b>Editor</b>	<b>Puplication Date</b>
Basic IMMUNOLOGY (7TH EDITION)	ABUL K. ABBAS and others	2024
Cellular and Molecular IMMUNOLOGY (TENTH EDITION)	Abul K. Abbas and others	2022
LEVINSON'S REVIEW OF Medical Microbiology and Immunology (Eighteenth Edition) VOLUME 1,2	PETER CHIN - HONG and others	2024
MEDICAL MICROBIOLOG (28th Edition) VOLUME 1,2	Stefan Riedel and others	2019
MEDICAL MICROBIOLOGY (NINETEENTH EDITION)	MICHAEL R. BARER and others	2019
Clinical Bacteriology	J. Keith Struthers and Roger P. Westran	2019
FUNDAMENTALS OF PATHOLOGY (2023 EDITION)	HUSAIN A. SATTAR	2022
Medical Parasitology A Textbook	Rohela Mahmud and others	2017
FOUNDATIONS OF PARASITOLOGY (EIGHTH EDITION) VOLUME 1,2	GERALD D. SCHMIDT and LARRY S. ROBERTS	2009
VIROLOGY: Principles and Applications	JOHN CARTER and VENETIA SAUNDERS	2007
Diabetes and Viruses	Keith W. Taylor and others	2013
Clinical Dermatology (FIFTH EDITION)	RICHARD WELLER	2015
NANOTECHNOLOGY BASED ADVANCED MEDICAL TEXTILES AND BIOTEXTILES FOR HEALTHCARE	Prashansa Sharma and others	2024
Modern Blood Banking & Transfusion Practices (6TH EDITION)	Denise M. Harmening	2012
Nanofluidics Nanoscience and Nanotechnology	Joshua B Edel and Andrew J deMello	2009
Applications of Nanotechnology in Microbiology	Ramesh S. Chaughule and Anushree S. Lokur	2023
Nanotechnology and Nanomedicine in Diabetes	Lan - Anh Le and others	2012
Molecular Diagnostics in Cancer Patients	Kamla Kant Shukla and others	2019
Cancer Nanotechnology	Angela Maria Almeida de Sousa and others	2023
ROLE OF NANOTECHNOLOGY IN CANCER THERAPY	Priya Patel	2023
Nanooncology Engineering Nanomaterials for Cancer Therapy and Diagnosis	Gil Gonçalves and Gerard Tobias	2018
BRAIN TUMOR AND NANOTECHNOLOGY	Rishabha Malviya and others	2024

<b>Title</b>	<b>Editor</b>	<b>Puplication Date</b>
ABC of Autism	Munib Haroon	2019
A Mindfulness Intervention for Children with Autism Spectrum Disorder	Yoon - Suk Hwang and Patrick Kearney	2025
Step by Step CT Scan	D Karthikeyan and Deepa Chegu	2025
Review Questions for MRI (Second Edition)	Carolyn Kaut Roth and William Faulkner	2005
CT and MRI PATHOLOGY	MICHAEL L. GREY and JAGAN M. AILINANI	2012
ABC of Autism	Munib Haroon	2019
Basic Radiotherapy Physics and Biology (Second Edition)	David S. Chang and others	2021
ABDOMINAL X - RAYS FOR MEDICAL STUDENTS	CHRISTOPHER CLARKE and ANTHONY DUX	2015
21st Century Nanoscience A Handbook Nanopharmaceuticals, Nanomedicine and Food Nanoscience (VOLUME EIGHT)	Klaus D. Sattler	2020
Chemical Nanoscience and Nanotechnology	Francisco Torrens and others	2020
BIO - INSPIRED NANOTECHNOLOGY	Kaushik Pal and Nidhi Asthana	2023
BIO - NANOTECHNOLOGY A REVOLUTION IN FOOD, BIOMEDICAL AND HEALTH SCIENCES (VOLUME 1,2)	Debasis Bagchi and others	2013
BIOSENSORS NANOTECHNOLOGY	Ashutosh Tiwari and Anthony P.F. Turner	2014
EMERGING NANOTECHNOLOGIES FOR DIAGNOSTICS, DRUG DELIVERY AND MEDICAL DEVICES	Ashim K. Mitra and others	2017
ADVANCES IN NANOTECHNOLOGY - BASED DRUG DELIVERY SYSTEMS	Anupam Das Talukdar and others	2022
Pharmaceutical Dosage Forms and Drug Delivery Systems (ELEVENTH EDITION)	Loyd V. Allen	2018
Pharmaceutical Calculations (15th Edition)	Howard C. Ansel and Shelly J. Stockton	2017
Lippincott ®Illustrated Reviews Pharmacology (SEVENTH EDITION)	Karen Whalen	2019
+1800 MCQ IN CLINICAL PHARMACY (FIRST edition)	MOHAMMAD DAKHIL and MOHAMED MAHMOUD ABDEL - RAHMAN	2023

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تقنيات هندسة النانو

<b>Title</b>	<b>Editor</b>	<b>Publication Date</b>
Springer Handbook of Nanotechnology volume 1,2,3	Bharat Bhushan	2004
Quantum Mechanics in Nanoscience and Engineering	URI PESKIN	2023
Micro and Nanofabrication for Beginners	Eiichi Kondoh	2021
Sustainable Nanotechnology	Yashwant V. Pathak and others	2022
Nanomaterials and Nanotechnology	Shengjie Peng and Peng Li	2024
Synthesis and Applications of Nanomaterials and Nanocomposites	Imran Uddin and Irfan Ahmad	2023
Low-cost Nanomaterials	Zhiqun Lin and Jun Wang	2014
CHARACTERIZATION TECHNIQUES FOR NANOMATERIALS	Imalka Munaweera and M.L. Chamalki Madhusa	2023
NANOTECHNOLOGY: Device Design and Applications	SHILPI BIRLA and others	2022
HANDBOOK OF FUNCTIONALIZED NANOMATERIALS FOR INDUSTRIAL APPLICATIONS (VOLUME 1,2)	Chaudhery Mustansar Hussain	2020
Nanostructured Materials (Second Edition) VOLUME 1,2	CARL C. KOCH	2007
Responsive Nanomaterials for Sustainable Applications	Ziqi Sun and Ting Liao	2020
Nanotechnology in Eco-efficient Construction (Second Edition) Volume 1,2	M. V. Diamanti and others	2019
New-Generation Cement-Based Nanocomposites	Siqi Ding and others	2023
Nanostructured Thin Films and Coatings Mechanical Properties	Sam Zhang	2010
Advances in Thin Films, Nanostructured Materials, and Coatings	Alexander D. Pogrebnyak and Valentine Novosad	2019
Nanotechnology and Energy	Kaufui V. Wong	2018
Innovations in Green Nanoscience and Nanotechnology	Shrikaant Kulkarni	2023
Green Processes for Nanotechnology	Vladimir A. Basiuk and Elena V. Basiuk	2015
Nanomaterials and Nanoliquids: Applications in Energy and Environment	Dharmendra Tripathi and others	2023
Nanotechnology in Green Energy Generation	Ahmed Thabet Mohamed	2025
ENERGY STORAGE: Driving the Renewable Energy Transition	EFSTATHIOS E. MICHAELIDES	2025

<b>Title</b>	<b>Editor</b>	<b>Publication Date</b>
Energy Storage Fundamentals, Materials and Applications (Second Edition)	Robert A. Huggins	2016
Nanoelectronics	Rutu Parekh and Rasika Dhavse	2023
ELECTROSPINNING: NANOFABRICATION AND APPLICATIONS (VOLUME 1,2)	Bin Ding and others	2019
NANOTECHNOLOGY FOR ELECTRONICS, BIOSENSORS, ADDITIVE MANUFACTURING AND EMERGING SYSTEMS APPLICATIONS	F. Jain and others	2022
Nanocomposites: Ionic Conducting Materials and Structural Spectroscopies	Philippe Knauth and Joop Schoonman	2008
Principles of Nano-Optics	Lukas Novotny and Bert Hecht	2006
Fundamentals and Applications of Nanophotonics	Joseph W. Haus	2016
An Introduction to Wireless Sensor Networks (Draft, version 3.3)	Carlo Fischione	2016
INTRODUCTION TO WIRELESS SENSOR NETWORKS	Anna Förster	2016
Handbook of Wireless Sensor Networks: Issues and Challenges in Current Scenario's (Volume 1,2)	Pradeep Kumar Singh and others	2020
NANOSENSORS: Materials and Technologies	Nada F. Atta	2013
Nanosensors: Physical, Chemical, and Biological (SECOND EDITION)	Vinod Kumar Khanna	2012
NANOSENSORS: Theory and Applications in Industry, Healthcare and Defense	Teik - Cheng Lim	2011
WIRELESS SENSOR NETWORKS	KAZEM SOHRABY and others	2007
WIRELESS SENSOR NETWORKS: A Networking Perspective	JUN ZHENG and ABBAS JAMALIPOUR	2009
Artificial Intelligence: WORK, MACHINES AND HUMAN INTERACTION	Tonya Randolph	2021
Engineering Applications of Artificial Intelligence	Aziza Chakir and others	2024

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تقنيات علوم النانو

<b>Title</b>	<b>Editor</b>	<b>Publication Date</b>
Nanotechnology for Agriculture	Deepak G Panpatte and Yogeshvari K Jhala	2019
3GE Collection on Agriculture: AI, Edge and IoT - based Smart Agriculture	Aleksandar Mratinković and others	2023
CLOUD IOT SYSTEMS FOR SMART AGRICULTURAL ENGINEERING Saravanan Krishnan	J Bruce Ralphin Rose and others	2022
Sustainable Nanomaterials for Biosystems Engineering	Junaid Ahmad Malik and others	2023
Nanotechnology and Plant Sciences	Manzer H. Siddiqui and others	2015
Plant Nanotechnology	Chittaranjan Kole and others	2016
Nanomaterials and Nanocomposites Exposures to Plants	Azamal Husen	2023
Nanotechnology and Plant Disease Management	Irshad Mahmood and others	2025
Handbook of Farm, Dairy and Food Machinery Engineering (Third Edition) VOLUME 1,2	Myer Kutz	2019
A TEXTBOOK OF FARM MACHINERY & POWER ENGINEERING	BASAVARAJ D. SRIGIRI and JAYAN P.R.	2020
Sensors Application in Agriculture	Dimitrios S. Paraforos and others	2019
Sprinkler and Drip Irrigation	V. Ravikumar	2023
Dynamic Fluidic Sprinkler and Intelligent Sprinkler Irrigation Technologies	Xingye Zhu and others	2023
Handbook of Irrigation System Selection for Semi-Arid Regions	Mohammad Albaji and others	2020
Integrated Watershed Management in Rainfed Agriculture	Suhas P. Wani and others	2011
Agricultural Products Processing and Postharvest Storage	Bengang Wu	2023
Nanotechnology for Environmental Remediation	Sung Hee Joo and Francis Cheng	2006
Nanotechnology for Environmental Pollution Decontamination	Fernanda Maria Policarpo Tonelli and others	2023
Advanced Functional Nanoparticles " Boon or Bane " for Environment Remediation Applications	Raman Kumar and others	2023
Nanofiltration for Sustainability	ABDUL WAHAB MOHAMMAD and others	2024

