

1. Record Nr.	UNINA9910298240903321
Titolo	Omics technologies and bio-engineering . Volume 1 Emerging fields, animal and medical biotechnologies : towards improving quality of life / / edited by Debmalya Barh, Vasco Azevedo
Pubbl/distr/stampa	London, England : , : Academic Press, , 2018 ©2018
ISBN	0-12-804749-6 0-12-804659-7
Descrizione fisica	1 online resource (626 pages) : illustrations, tables
Disciplina	543.0896
Soggetti	Gas chromatography Mass spectrometry Environmental chemistry - Technique
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Overview and principles of bioengineering: the drivers of Omics technologies / Dinesh Yadav, Aiman Tanveer, Neha Malviya and Sangeeta Yadav -- Omics approaches towards transforming personalized medicine / Dipali Dhawan -- Omics approaches in marine biotechnology: the treasure of ocean for human betterments / Fatima Abid, Muhammad A. Zahid, Zain U. Abedin, Syed B. Nizami, Muhammad J. Abid, Sayyada Z. Hassan Kazmi, Sami U. Khan, Humna Hasan, Mohsin Ali and Alvina Gul -- Synthetic biology: overview and applications / Rohini Keshava, Rohan Mitra, Mohan L. Gope and Rajalakshmi Gope -- Reverse engineering and its applications / Attya Bhatti, Nida A. Syed and Peter John -- Omics approaches in forensic biotechnology: looking for ancestry to offence / Syed B. Nizami, Sayyada Z. Hassan Kazmi, Fatima Abid, Mustafeez M. Babar, Aneeqa Noor, Najam-Us-Sahar S. Zaidi, Sami U. Khan, Humna Hasan, Mohsin Ali and Alvina Gul -- Biotechnology and bioengineering in astrobiology: towards a new habitat for us / Sameen R. Imadi, Mustafeez M. Babar, Sami U. Khan, Humna Hasan, Mohsin Ali and Alvina Gul -- Lab-on-a-chip technology and its applications / Burak Yilmaz and Fazilet Yilmaz -- Robotics and

high-throughput techniques / Humna Hasan, Muhammad Hassan Safdar, Sana Zahid, Maria Bibi and Alvina Gul -- 3D printing technologies and their applications in biomedical science / Syeda M. Bakhtiar, Hina A. Butt, Shuja Zeb, Darrak M. Quddusi, Saima Gul and Erum Dilshad -- Next-generation sequencing and data analysis: strategies, tools, pipelines and protocols / Pablo H.C.G. De Sa, Luis C. Guimaraes, Diego A. Das Gracas, Adonney A. De Oliveira Veras, Debmalya Barh, Vasco Azevedo, Artur L. Da Costa Da Silva and Rommel T.J. Ramos -- Computational techniques in data integration and big data handling in Omics / Adonney A. De Oliveira Veras, Pablo H.C.G. De Sa, Kenny Da Costa Pinheiro, Debmalya Barh, Vasco Azevedo, Rommel Thiago Juca Ramos and Artur L. Da Costa Da Silva -- Bioinformatics and systems biology in bioengineering / Joseph J. Nalluri, Debmalya Barh, Vasco Azevedo and Preetam Ghosh -- Techniques for nucleic acid engineering: the foundation of gene manipulation / Sukru Tuzmen, Yasemin Baskin, Ayse Feyda Nursal, Serpil Eraslan, Yagmur Esemen, Gizem Calibasi, Ayse Banu Demir, Duygu Abbasoglu and Candan Hized -- Techniques for protein analysis / Gulay Buyukkoroglu, Devrim Demir Dora, Filiz Ozdemir and Candan Hized -- Engineering monoclonal antibodies: production and applications / Gulay Buyukkoroglu and Behiye Senel -- Cell and tissue culture: the base of biotechnology / Onur Uysal, Tugba Sevimli, Murat Sevimli, Sibel Gunes and Ayla Eker Sariboyaci -- In Vitro and In Vivo animal models: the engineering towards understanding human diseases and therapeutic interventions / Azka Khan, Kinza Waqar, Adeena Shafique, Rija Irfan and Alvina Gul -- Medical biotechnology: techniques and applications / Phuc V. Pham -- Tissue engineering: towards development of regenerative and transplant medicine / Mustafa S. Elitok, Esra Gunduz, Hacer E. Gurses and Mehmet Gunduz -- Therapeutic aspects of stem cells in regenerative medicine / Alok Mishra and Mukesh Verma -- Genetic engineering: towards gene therapy and molecular medicine / Shailendra Dwivedi, Purvi Purohit, Yogesh Mittal, Garima Gupta, Apul Goel, Rakesh C. Verma, Sanjay Khattri, Praveen Sharma, Sanjeev Misra and Kamlesh K. Pant -- Biotechnology for biomarkers: towards prediction, screening, diagnosis, prognosis, and therapy / Dipali Dhawan -- Omics approaches in In Vitro fertilization / Aiman Tanveer, Neha Malviya and Dinesh Yadav -- Safety and ethics in biotechnology and bioengineering: what to follow and what not to / Anjana Munshi and Vandana Sharma.

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2. Record Nr.	UNISA996465702503316
Titolo	Advances in Knowledge Discovery and Data Mining [[electronic resource] ] : 9th Pacific-Asia Conference, PAKDD 2005, Hanoi, Vietnam, May 18-20, 2005, Proceedings / / edited by Tu Bao Ho, David Cheung, Huan Liu
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
ISBN	3-540-31935-2 3-540-26076-5
Edizione	[1st ed. 2005.]
Descrizione fisica	1 online resource (XXI, 864 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 3518
Disciplina	006.3
Soggetti	Artificial intelligence Database management Information storage and retrieval Mathematical statistics Multimedia information systems Application software Artificial Intelligence Database Management Information Storage and Retrieval Probability and Statistics in Computer Science Multimedia Information Systems Computer Appl. in Administrative Data Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Keynote Speech and Invited Talks -- Theoretic Foundations -- Association Rules -- Biomedical Domains -- Classification and Ranking -- Clustering -- Dynamic Data Mining -- Graphic Model Discovery -- High Dimensional Data -- Integration of Data Warehousing -- Knowledge Management -- Machine Learning Methods -- Novel Algorithms -- Spatial Data -- Temporal Data -- Text and Web Data Mining.

The Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD) is a leading international conference in the area of data mining and knowledge discovery. It provides an international forum for researchers and industry practitioners to share their new ideas, original research results and practical development experiences from all KDD-related areas including data mining, data warehousing, machine learning, databases, statistics, knowledge acquisition and automatic scientific discovery, data visualization, causality induction, and knowledge-based systems. This year's conference (PAKDD 2005) was the ninth of the PAKDD series, and carried the tradition in providing high-quality technical programs to facilitate research in knowledge discovery and data mining. It was held in Hanoi, Vietnam at the Melia Hotel, 18–20 May 2005. We are pleased to provide some statistics about PAKDD 2005. This year we received 327 submissions (a 37% increase over PAKDD 2004), which is the highest number of submissions since the first PAKDD in 1997) from 28 countries/regions: Australia (33), Austria (1), Belgium (2), Canada (11), China (91), Switzerland (2), France (9), Finland (1), Germany (5), Hong Kong (11), Indonesia (1), India (2), Italy (2), Japan (21), Korea (51), Malaysia (1), Macau (1), New Zealand (3), Poland (4), Pakistan (1), Portugal (3), Singapore (12), Taiwan (19), Thailand (7), Tunisia (2), UK (5), USA (31), and Vietnam (9). The submitted papers went through a rigorous reviewing process. Each submission was reviewed by at least two reviewers, and most of them by three or four reviewers.

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