1. Record Nr. UNINA9910743254803321

Titolo	Biotechnological Applications in Buffalo Research / / edited by Manmohan Singh Chauhan, Naresh Selokar
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	9789811675300 9811675309 9789811675317 9811675317
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (456 pages)
Collana	Biomedical and Life Sciences Series
Disciplina	636.293
Soggetti	Veterinary medicine Genetics Biotechnology Fertility, Human Veterinary Science Genetics and Genomics Fertility
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Buffalo in the World: Situation and Perspectives -- Chapter 2. Water buffalo genomic diversity -- Chapter 3. Advances in Buffalo Breeding: A Journey from classical Breeding to Genomic Selection -- Chapter 4. Reproductive Management of Dairy Buffaloes -- Chapter 5. Behavior and welfare of dairy buffaloes: calving, weaning and milking -- Chapter 6. Buffalo’s milk and its products: Composition, Nutrition, and Benefits -- Chapter 7. Welfare of buffaloes at slaughter -- Section-II Omics approaches to understand buffalo’s genome, physiology, and reproduction -- Chapter 8. Molecular evolution and genome architecture of water buffalo (Bubalus bubalis), the ‘living bank’ for marginal farmers in developing countries -- Chapter 9. Fertility biomarkers in buffalo -- Chapter 10. Being Sweet is Being Smart: Lessons Learnt from Buffalo Spermatozoa -- Chapter 11. Protein

signatures of lactation and early pregnancy diagnosis in buffalo (Bubalus bubalis) -- Chapter 12. Induced pluripotent stem cells in buffalo: Basics to translation applications -- Chapter 13. Domesticated buffalo- A model for human biomedical research -- Section-III Reproductive Biotechnologies -- Chapter 14. Advances in embryo production in buffaloes: in vivo versus in vitro procedures -- Chapter 15. Application of Fixed-Time Artificial Insemination in Water Buffaloes -- Chapter 16. Semen sexing in buffalo -- Chapter 17. Advances in cryopreservation of buffalo semen -- Chapter 18. Advances in Semen Quality Assessments in AI Programs in Buffalo -- Chapter 19. Reproductive ultrasonography in buffalo – Basic concepts and recent advances -- Chapter 20. Spermatogonial stem cells and testis-tissue cryopreservation as a tool for conservation of buffalo germplasm -- Chapter 21. Somatic Cell Nuclear Transfer and its Applications in Buffalo (Bubalus bubalis).

Sommario/riassunto

This book comprehensively reviews the advancements in biotechnological applications for the enhanced production and conservations of buffalo (Bubalus bubalis). The book discusses developments in assisted reproduction to improve productivity and the produce novel products for applications to human health and nutrition. The initial chapters of the book discuss the global distribution and domestications of buffalo, and nutritive values of buffalo milk, while the subsequent sections examine the applications of the genome-wide association traits to identify potential genetic variants affecting important economic traits. It identifies predictive biomarkers for postpartum or peripartum diseased-state and presents potential protein biomarkers for the diagnosis of early pregnancy in buffalo. Lastly, it discusses recent scientific developments such as induced pluripotent stem cells, spermatogonial stem cells, somatic cell nuclear transfer, and buffalo as a model for human biomedical research. This book is a useful source to students, academicians, researchers, and policymakers who are involved in buffalo science and industry.

2. Record Nr. UNINA9910741148803321

Titolo	Knowledge Science, Engineering and Management : 16th International Conference, KSEM 2023, Guangzhou, China, August 16–18, 2023, Proceedings, Part II / / edited by Zhi Jin, Yuncheng Jiang, Robert Andrei Buchmann, Yaxin Bi, Ana-Maria Ghiran, Wenjun Ma
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	3-031-40286-3
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (XXIV, 461 p. 159 illus., 141 illus. in color.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 14118
Disciplina	943.005
Soggetti	Artificial intelligence Data structures (Computer science) Information theory Application software Computer science Information technology - Management Social sciences - Data processing Artificial Intelligence Data Structures and Information Theory Computer and Information Systems Applications Theory of Computation Computer Application in Administrative Data Processing Computer Application in Social and Behavioral Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Knowledge Engineering Research and Applications -- Knowing before Seeing: Incorporating Post-Retrieval Information into Pre-Retrieval Query Intention Classification -- LSRN: Live-Streaming Identification Based on Reasoning Network with Core Traffic Set -- Implicit Offensive Speech Detection Based on Multi-feature Fusion -- SIE-YOLOv5: Improved YOLOv5 for Small Object Detection in Drone-Captured-Scenarios -- Learning-based Dichotomy Graph Sketch for Summarizing Graph Streams with High Accuracy -- SNAFA-Net: Squared

Normalization Attention and Feature Alignment for Visible-Infrared Person Re-identification -- A comparative study of chatbot response generation: traditional approaches versus large language models -- Investigating the Impact of Product Contours on User Perception of Product Attributes -- Conf-UNet: A model for speculation on unknown Oracle Bone Characters -- An Efficient One-Shot Network and Robust Data Associations in Multi-Pedestrian Tracking -- Sampling Spatial-Temporal Attention Network for Traffic Forecasting -- ST-MAN: Spatio-Temporal Multimodal Attention Network for Traffic Prediction -- Sparse-view CT Reconstruction via Implicit Neural Intensity Functions -- Tennis action recognition based on multi-branch mixed attention -- Cascade Sampling via Dual Uncertainty for Active Entity Alignment -- Template Shift and Background Suppression for Visual Object Tracking -- Reversible Data Hiding in Encrypted Images Based on A Multi-Granularity Adaptive Classification Mechanism -- Enhanced Entity Interaction Modeling for Multi-modal Entity Alignment -- Monte Carlo Medical Volume Rendering Denoising via Auxiliary Feature Guided Self-Attention and Convolution Integrated -- View Distribution Alignment with Progressive Adversarial Learning for UAV Visual Geo-Localization -- HBay: Predicting Human Mobility via Hyperspherical Bayesian Learning -- Spatial-Temporal Diffusion Probabilistic Learning for Crime Prediction -- DBA: An Efficient Approach to Boost Transfer-based Adversarial Attack Performance through Information Deletion -- A Graph Partitioning Algorithm Based on Graph Structure and Label Propagation for Citation Network Prediction -- Hybrid Heterogeneous Graph Neural Networks for Fund Performance Prediction -- WGCN: A Novel Wavelet Graph Neural Network for Metro Ridership Prediction -- GMiRec: A Multi-image Visual Recommendation Model based on a Gated Neural Network -- Semi-supervised entity alignment via noisy student-based self training -- Modeling Chinese Ancient Book Catalog -- JOINT EXTRACTION OF NESTED ENTITIES AND RELATIONS BASED ON MULTI-TASK LEARNING -- A Grasping System with Structured Light 3D Machine Vision Guided Strategy Optimization -- A Cognitive Knowledge Enriched Joint Framework for Social Emotion and Cause Mining -- TKSP: Long-term Stance Prediction for Social Media Users by Fusing Time Series Features and Event Dynamic Evolution Knowledge -- A Cross-Document Coreference Resolution Approach to Low-Resource Languages -- Network Flow Based IoT Anomaly Detection Using Graph Neural Network -- Disentangled Multi-factor Graph Neural Network for Non-coding RNA-drug Resistance Association Prediction. .

Sommario/riassunto

This volume set constitutes the refereed proceedings of the 16th International Conference on Knowledge Science, Engineering and Management, KSEM 2023, which was held in Guangzhou, China, during August 16–18, 2023. The 114 full papers and 30 short papers included in this book were carefully reviewed and selected from 395 submissions. They were organized in topical sections as follows: knowledge science with learning and AI; knowledge engineering research and applications; knowledge management systems; and emerging technologies for knowledge science, engineering and management. .