1. Record Nr. UNINA9910746288803321

Autore	Iliadis Lazaros
Titolo	Artificial Neural Networks and Machine Learning – ICANN 2023 : 32nd International Conference on Artificial Neural Networks, Heraklion, Crete, Greece, September 26–29, 2023, Proceedings, Part II / / edited by Lazaros Iliadis, Antonios Papaleonidas, Plamen Angelov, Chrisina Jayne
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	3-031-44210-5
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (626 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 14255
Altri autori (Persone)	PapaleonidasAntonios AngelovPlamen JayneChrisina
Disciplina	006.3
Soggetti	Artificial intelligence Application software Computers Computer engineering Computer networks Artificial Intelligence Computer and Information Systems Applications Computing Milieux Computer Engineering and Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	A Data Augmentation based ViT for Fine-Grained Visual Classification -- A Detail Geometry Learning Network for High-Fidelity Face Reconstruction -- A Lightweight Multi-Scale Large Kernel Attention Hierarchical Network for Single Image Deraining -- A Multi-Scale Method for Cell Segmentation in Fluorescence Microscopy Images -- Adaptive interaction-based multi-view 3D object reconstruction -- An auxiliary modality based Text-Image matching methodology for fake news detection -- An Improved Lightweight YOLOv5 for Remote Sensing Images -- An Improved YOLOv5 with Structural

Reparameterization for Surface Defect Detection -- ASP Loss: Adaptive Sample-Level Prioritizing Loss for Mass Segmentation on Whole Mammography Images -- Cascaded Network-based Single-View Bird 3D Reconstruction -- CLASPPNet: A Cross-Layer Multi-Class Lane Semantic Segmentation Model Fused with Lane Detection Module -- Classification-based and Lightweight Networks For Fast Image Super Resolution -- CLN: Complementary Learning Network For 3D Face Reconstruction And Alignment -- Combining Edge-guided Attention and Sparse-connected U-Net for Detection of Image Splicing -- Contour-augmented Concept Prediction Network for image captioning -- Contrastive Knowledge Amalgamation for Unsupervised Image Classification -- Cross Classroom Domain Adaptive Object Detector for Student's Heads -- Diffusion-Adapter: Text Guided Image Manipulation with Frozen Diffusion Models -- DWA: Differential Wavelet Amplifier for Image Super-Resolution -- Dynamic Facial Expression Recognition in Unconstrained Real-World Scenarios Leveraging Dempster-Shafer Evidence Theory -- End-to-end Remote Sensing Change Detection of Unregistered Bi-temporal Images for Natural Disasters -- E-Patcher: A Patch-based Efficient Network for Fast Whole Slide Images Segmentation -- Exploiting Multi-modal Fusion for Robust Face Representation Learning with Missing Modality -- Extraction Method of Rotated Objects from High-resolution Remote Sensing Images -- Few-shot NeRF-based View Synthesis for Viewpoint-biased Camera Pose Estimation -- Ga-RFR: Recurrent Feature Reasoning with gated convolution for Chinese Inscriptions Image Inpainting -- Generalisation Approach for Banknote Authentication by Mobile Devices Trained on Incomplete Samples -- Image Caption with Prior Knowledge Graph and Heterogeneous Attention -- Image Captioning for Nantong Blue Calico Through Stacked Local-Global Channel Attention Network -- Improving Image Captioning with Feature Filtering and Injection -- In silico study of single synapse dynamics using a three-state kinetic model -- Interpretable Image Recognition by Screening Class-specific and Class-shared Prototypes -- Joint Edge-guided and Spectral Transformation Network for Self-Supervised X-ray Image Restoration -- Lightweight Human Pose Estimation Based On Densely Guided Self-Knowledge Distillation -- MCAPR: Multi-Modality Cross Attention for Camera Absolute Pose Regression -- MC-MLP: A Multiple Coordinate Frames MLP-Like Architecture for Vision -- Medical Image Segmentation and Saliency Detection through a Novel Color Contextual Extractor -- MedNet: A Dual-Copy Mechanism for Medical Report Generation from Images -- Ms-AMPool: Down-Sampling Method for Dense Prediction Tasks -- Multi-frame Tilt-angle Face Recognition Using Fusion Re-ranking -- Multi-scale field distillation for multi-task semantic segmentation -- Neural Field Conditioning Strategies for 2D Semantic Segmentation -- Neurodynamical Model of the Visual Recognition of Dynamic Bodily Actions from Silhouettes -- PACE: Point Annotation-Based Cell Segmentation for Efficient Microscopic Image Analysis -- Pie-UNet: A novel Parallel Interaction Encoder for Medical Image Segmentation -- Prior-SSL: A Thickness Distribution Prior and Uncertainty Guided Semi-supervised Learning Method for Choroidal Segmentation in OCT Images -- PSR-Net A Dual-Branch Pyramid Semantic Reasoning Network for Segmentation of Remote Sensing Images.

Sommario/riassunto

The 10-volume set LNCS 14254-14263 constitutes the proceedings of the 32nd International Conference on Artificial Neural Networks and Machine Learning, ICANN 2023, which took place in Heraklion, Crete, Greece, during September 26–29, 2023. The 426 full papers, 9 short papers and 9 abstract papers included in these proceedings were

		carefully reviewed and selected from 947 submissions. ICANN is a dual-track conference, featuring tracks in brain inspired computing on the one hand, and machine learning on the other, with strong cross-disciplinary interactions and applications. .

2.	Record Nr.	UNINA9910957264203321
	Titolo	Biobehavioral influences / / Albert J. Reiss, Jr., Klaus A. Miczek,and Jeffrey A. Roth, editors
	Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1994
	ISBN	9786610211609 9781280211607 1280211601 9780309584135 0309584132 9780585053271 0585053278
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (560 pages)
	Collana	Understanding and preventing violence ; ; v.2
	Altri autori (Persone)	MiczekKlaus A ReissAlbert J RothJeffrey A. <1945->
	Disciplina	303.6
	Soggetti	Violence - United States - Prevention Violence - United States Violent crimes - United States
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	"Panel on the Understanding and Control of Violent Behavior, Committee on Law and Justice, Commission on Behavioral and Social Sciences and Education, National Research Council."
	Nota di bibliografia	Includes bibliographical references and indexes.
	Nota di contenuto	Understanding and Preventing Violence -- Copyright -- Contents -- Foreword -- An Overview of Biological Influences on Violent Behavior -- GENETIC MECHANISMS -- STUDIES OF HUMANS -- STUDIES OF ANIMALS -- NEUROCHEMICAL MECHANISMS -- ENDOCRINE MECHANISMS AND VIOLENT BEHAVIOR -- Steroids -- Other Hormones

-- NEUROTRANSMITTERS AND RECEPTORS -- Dopamine -- Norepinephrine -- Serotonin (5-Hydroxytryptamine) -- Gamma-Aminobutyric Acid-Benzodiazepine Receptors -- BRAIN MECHANISMS AND VIOLENT BEHAVIOR -- NEUROANATOMIC APPROACH -- NEUROPSYCHOLOGIC APPROACH -- PSYCHOPHYSIOLOGIC APPROACH -- NEUROIMAGING APPROACH -- HYPOGLYCEMIA, DIET, AND VIOLENT BEHAVIOR -- REFERENCES -- Genetics and Violence -- ANIMAL STUDIES -- HUMAN BEHAVIORAL GENETIC STUDIES -- INTRODUCTION -- MENDELIAN DISORDERS -- CHROMOSOMAL ANOMALIES -- GENETICS AND PERSONALITY TRAITS -- Juvenile Antisocial Behavior -- ADULT ANTISOCIAL BEHAVIOR -- NORWEGIAN TWIN STUDY -- Danish Twin Study -- Danish Adoption Studies -- Swedish Adoption Study -- Iowa Adoption Studies: Crowe -- Iowa Adoption Studies: Cadoret -- VIOLENCE AND HUMAN GENETICS -- Summary and Critical Overview of the Results -- PROSPECTS FOR FUTURE HUMAN GENETIC RESEARCH -- SOCIOBIOLOGY, EVOLUTIONARY THEORY, AND VIOLENCE -- GENETICS, RACE, AND VIOLENCE -- REFERENCES -- The Neurobiology of Violence and Aggression -- ANIMAL MODELS OF AGGRESSION -- FELINE MODELS OF AGGRESSIVE BEHAVIOR ELICITED BY BRAIN STIMULATION -- ORGANIZATION AND CONTROL OF AGGRESSIVE BEHAVIOR IN THE CAT -- THE ANATOMY OF AGGRESSIVE BEHAVIOR -- PREDATORY ATTACK -- Afferent Connections -- Efferent Connections -- AFFECTIVE DEFENSE BEHAVIOR -- Afferent Connections -- Efferent Connections -- LIMBIC-MIDBRAIN MODULATION OF AGGRESSIVE BEHAVIOR IN THE CAT -- NEUROPHARMACOLOGY OF AGGRESSION: THE OPIOID PEPTIDE SYSTEM.
SUMMARY AND CONCLUSIONS BASED ON DATA FROM STUDY OF FELINE MODELS OF AGGRESSION -- HUMAN STUDIES OF AGGRESSION AND VIOLENCE -- INTRODUCTORY AND DEFINITIONAL STATEMENTS -- Adaptive Versus Maladaptive Violence and Aggression: Animal and Human Models -- Measuring the Dependent Variable -- VIOLENCE IN PERSONS WITH NEUROPSYCHIATRIC DISORDERS -- Schizophrenia -- Alcoholism -- Epilepsy -- Aggression as an Epileptic Equivalent -- Violence as the Independent Variable-Is There a Brain Disorder in Such Patients? -- Violent Offenders-Nonsex Crimes -- Violent Offenders-Sex Crimes -- TREATMENT OF VIOLENCE -- Electroconvulsive Therapy (ECT) and Pharmacotherapy -- Psychosurgical Treatment of Violent Offenders -- Treatment of Violence-A Commentary -- SOCIAL CLASS, AGE, AND GENDER RELATED TO VIOLENCE -- PSYCHOPHYSIOLOGIC STUDIES RELATED TO VIOLENCE -- DEVELOPMENTAL RESEARCH RELATED TO VIOLENCE -- Neurodevelopmental Issues -- Possible Etiological Variables -- Some Areas Not Addressed-Some Roads Not Traveled -- ACKNOWLEDGMENTS -- REFERENCES -- Hormonal Aspects of Aggression and Violence -- AGGRESSION AND VIOLENCE -- TERMINOLOGIES OF AGGRESSION -- Potential for Harm or Damage -- Intentionality -- Arousal -- Aversiveness -- AGGRESSION AS A CONCEPT -- Aggression and Communication -- Utilities of Aggression -- Different Tests for Animal Aggression -- HETEROGENEOUS NATURE OF HUMAN AGGRESSION AND VIOLENCE -- HORMONES AND AGGRESSION -- NEUROENDOCRINOLOGY -- DEFINING "HORMONE -- STUDIES INVOLVING HORMONES AND "AGGRESSION -- EARLY PROGRAMMING EFFECTS OF HORMONES -- STUDIES ON NONPRIMATES -- INFRAHUMAN PRIMATE STUDIES -- HUMAN DATA -- HORMONES AND PUBERTY -- STUDIES ON NONPRIMATES -- INFRAHUMAN PRIMATE STUDIES -- HUMAN DATA -- INFLUENCES OF SEX HORMONES ON ADULT AGGRESSIVE MOTIVATION -- STUDIES ON NONPRIMATES -- INFRAHUMAN PRIMATE STUDIES -- HUMAN DATA.
BODILY RHYTHMS AND VIOLENT BEHAVIOR -- ADRENOMEDULLARY

FUNCTION AND HUMAN AGGRESSION -- INDIRECT" EFFECTS ON AGGRESSION AND HOSTILITY -- EFFECTS OF HORMONES ON PERCEPTION -- EFFECTS OF HORMONES ON SIGNAL GENERATION -- EXPERIENCE-INDUCED CHANGES IN HORMONAL STATUS OF THE RECEIVER -- HORMONE-AGGRESSION CORRELATIONS IN MAMMALS -- INFLUENCES OF FIGHTING ON ENDOCRINE FUNCTION IN MAMMALS -- HORMONES, ALCOHOL, AND VIOLENCE -- CONCLUSION -- REFERENCES -- Neurochemistry and Pharmacotherapeutic Management of Aggression and Violence -- NEUROSCIENCE PERSPECTIVE -- TYPES OF AGGRESSIVE AND VIOLENT BEHAVIOR -- CONCLUDING STATEMENT -- NEUROCHEMISTRY AND NEUROPHARMACOLOGY OF AGGRESSION AND VIOLENCE -- CATECHOLAMINES -- Noradrenergic Correlates of Animal Aggression -- Dopaminergic Correlates of Animal Aggression -- Catecholaminergic Correlates Of Human Aggression And Violence -- Neuropharmacologic Manipulations of Catecholamines -- SEROTONIN -- 5-HT Correlates of Animal Aggression -- Neuropharmacologic Manipulations of 5-HT in Animals -- 5-HT Correlates of Human Aggression and Violence -- CONCLUDING STATEMENT -- GABA -- GABA AND AGGRESSION -- Gaba Correlates of Animal Aggression -- Neuropharmacologic Modulation of GABA -- ACETYLCHOLINE -- PHARMACOTHERAPEUTIC INTERVENTIONS -- ANTIPSYCHOTICS -- Concluding Statement -- ANTIDEPRESSANTS -- Noradrenergic and Serotonergic Reuptake Blockers and MAO Inhibitors -- Lithium -- Concluding Statement -- ANXIOLYTICS -- GABAA-BENZODIAZEPINE RECEPTOR-CHLORIDE CHANNEL COMPLEX, AGGRESSION, AND VIOLENCE -- 5-HT Anxiolytics -- Beta-Blockers -- Concluding Statement -- REFERENCES -- Nutrition and Violent Behavior -- INTRODUCTION -- RESEARCH ON DIET AND BEHAVIOR -- METHODOLOGICAL ISSUES -- EXPERIMENTAL STRATEGIES -- SUGAR AND BEHAVIOR -- SUGAR, HYPOGLYCEMIA, AND BEHAVIOR -- SUGAR AND VIOLENT BEHAVIOR.
RESEARCH NEEDS FOR ASSESSING THE EFFECTS OF SUGAR ON VIOLENT BEHAVIOR -- SUGAR AND ATTENTION DEFICIT DISORDER WITH HYPERACTIVITY -- FOOD ADDITIVES AND ATTENTION DEFICIT DISORDER WITH HYPERACTIVITY -- RELATIONSHIP BETWEEN BLOOD CHOLESTEROL AND VIOLENT BEHAVIOR -- LEAD TOXICITY AND ANTISOCIAL BEHAVIOR -- CONCLUSIONS -- REFERENCES -- Index.

Sommario/riassunto

This volume contains commissioned reviews of research on biological influences on violent or aggressive behavior. The areas reviewed include genetic contributions to the probability of violent and related behaviors; brain structure and functioning as implicated in aggressive behavior; the roles of hormonal and neurological interactions in violent behavior; the neurochemistry of violence and aggression and its implications for the management of those behaviors; and dietary influences on violent behavior.