

COLLECTIVE TRAUMA AND THE ARMENIAN GENOCIDE

2021-02-25

IN THIS PATHBREAKING STUDY PAMELA STEINER DECONSTRUCTS THE PSYCHOLOGICAL OBSTACLES THAT HAVE PREVENTED PEACEFUL SETTLEMENTS TO LONGSTANDING ISSUES THE BOOK RE EXAMINES MORE THAN 100 YEARS OF DESTRUCTIVE ETHNO RELIGIOUS RELATIONS AMONG ARMENIANS TURKS AND AZERBAIJANIS THROUGH THE NOVEL LENS OF COLLECTIVE TRAUMA THE AUTHOR ARGUES THAT A FOCUS ON EMBEDDED TRANSGENERATIONAL COLLECTIVE TRAUMA IS ESSENTIAL TO ACHIEVING MORE TRUSTING PRODUCTIVE AND STABLE RELATIONSHIPS IN THIS AND SIMILAR CONTEXTS THE BOOK TAKES A DEEP DIVE INTO HISTORY ANALYSING THE TRAUMATIC EVENTS EXAMINING AND POSITING HOW THEY MOTIVATED THE ACTIONS OF KEY PLAYERS BOTH VICTIMS AND PERPETRATORS AND REVEALING HOW PROFOUNDLY THESE TRAUMAS CONTINUE TO MANIFEST TODAY AMONG THE THREE PEOPLES STYMYING HEALING AND INHIBITING ACHIEVEMENT OF A BASIS FOR POSITIVE CHANGE THE AUTHOR THEN PROPOSES A BOLD NEW APPROACH TO CONFLICT RESOLUTION AS A COMPLEMENT TO OTHER PERSPECTIVES SUCH AS POWER BASED ANALYSES AND INTERNATIONAL HUMAN RIGHTS ADDRESSING THE PSYCHOLOGICAL CORE OF THE CONFLICT THE AUTHOR ARGUES THAT A FOCUS ON EMBEDDED COLLECTIVE TRAUMA IS ESSENTIAL IN THIS AND SIMILAR ARENAS

PLASTICITY OF GABAERGIC SYNAPSES

2016-01-22

LEARNING AND MEMORY ARE BELIEVED TO DEPEND ON PLASTIC CHANGES OF NEURONAL CIRCUITS DUE TO ACTIVITY DEPENDENT POTENTIATION OR DEPRESSION OF SPECIFIC SYNAPSES DURING THE LAST TWO DECADES PLASTICITY OF BRAIN CIRCUITS WAS HYPOTHESIZED TO MAINLY RELY ON THE FLEXIBILITY OF GLUTAMATERGIC EXCITATORY SYNAPSES WHEREAS INHIBITORY SYNAPSES WERE ASSUMED RELATIVELY INVARIANT TO ENSURE STABLE AND RELIABLE CONTROL OF THE NEURONAL NETWORK AS A CONSEQUENCE WHILE CONSIDERABLE EFFORTS WERE MADE TO CLARIFY THE MAIN MECHANISMS UNDERLYING PLASTICITY AT EXCITATORY SYNAPSES THE STUDY OF THE CELLULAR MOLECULAR MECHANISMS OF INHIBITORY PLASTICITY HAS RECEIVED MUCH LESS ATTENTION NEVERTHELESS AN INCREASING BODY OF EVIDENCE HAS REVEALED THAT INHIBITORY SYNAPSES UNDERGO SEVERAL TYPES OF PLASTICITY AT BOTH PRE AND POSTSYNAPTIC LEVELS GIVEN THE CRUCIAL ROLE OF INHIBITORY INTERNEURONS IN SHAPING NETWORK ACTIVITIES SUCH AS GENERATION OF OSCILLATIONS SELECTION OF CELL ASSEMBLIES AND SIGNAL INTEGRATION MODIFICATIONS OF THE INHIBITORY SYNAPTIC STRENGTH REPRESENTS AN EXTRAORDINARY SOURCE OF VERSATILITY FOR THE FINE CONTROL OF BRAIN STATES THIS VERSATILITY ALSO RESULTS FROM THE RICH DIVERSITY OF GABAERGIC NEURONS IN SEVERAL BRAIN AREAS THE SPECIFIC ROLE PLAYED BY EACH INHIBITORY NEURON SUBTYPE WITHIN A GIVEN CIRCUIT AND THE HETEROGENEITY OF THE PROPERTIES AND MODULATION OF GABAERGIC SYNAPSES FORMED BY SPECIFIC INTERNEURON CLASSES THE MOLECULAR MECHANISMS UNDERLYING THE POTENTIATION OR DEPRESSION OF INHIBITORY SYNAPSES ARE NOW BEGINNING TO BE UNRAVELED AT THE PRESYNAPTIC LEVEL RETROGRADE SYNAPTIC SIGNALING WAS DEMONSTRATED TO MODULATE GABA RELEASE WHEREAS POSTSYNAPTIC FORMS OF PLASTICITY INVOLVE CHANGES IN THE NUMBER GATING PROPERTIES OF GABAA RECEPTORS AND OR SHIFTS OF CHLORIDE GRADIENTS IN ADDITION RECENT RESEARCH INDICATES THAT GABAERGIC TONIC INHIBITION CAN ALSO BE PLASTIC ADDING A FURTHER LEVEL OF COMPLEXITY TO THE CONTROL OF THE EXCITATORY INHIBITORY BALANCE IN THE BRAIN THE PRESENT TOPIC WILL FOCUS ON PLASTICITY OF GABAERGIC SYNAPSES WITH SPECIAL EMPHASIS ON THE MOLECULAR MECHANISMS OF PLASTICITY INDUCTION AND OR EXPRESSION

EDEO & LEGOO MANDARIN PUBLICATIONS LISTS 2021 JUNE ISSUE

2015-05-12

EDEO EDUCATIONAL VIDEO ONLINE COURSES IS ONE OF THE PIONEERING ONLINE COURSES CREATORS WE PROVIDE CONTENTS AND SOLUTIONS ONLINE OFFLINE IN CLASSROOM PRESENTATION OR ONLINE LESSONS GROUP ASSIGNMENTS OR PERSONAL LEARNING MANAGEMENT WE WELCOME TEACHERS TO JOIN OUR GROUP AND MARKETING NETWORKS MORE THAN 1 MILLION USERS IN OUR NETWORKS AND SOCIAL MEDIA YOUTUBE UDEMY AMAZON IBOOK TEACHLR GOOGLE BOOKS RAKUTEN KOBO ETC FOR DEVELOPING AND PUBLISHING BOOKS TEACHING MATERIALS CREATING AND MARKETING ONLINE VIDEO HOSTING ONLINE LIVE COURSES OUR PUBLICATIONS INCLUDING KDP AMAZON KINDLE BOOKS EBOOK AND

PAPERBACK UDEMY ONLINE VIDEO COURSES HOSTED IN UDEMY LIFETIME ACCESS QUIZ ONLINE QUIZ AUTO GRADING AND EXPLANATIONS HOSTED ON UDEMY LIFETIME ACCESS SKYPE ONLINE LIVE COURSE VIA SKYPE YOUTUBE YOUTUBE LIVE BROADCASTING TOPICS COVERING COVERING FROM KINDERGARTEN YCT YOUTH CHINESE TEST HSK CHINESE PROFICIENCY TEST IGCSE CHINESE A 1 A 2 CHINESE IB CHINESE SAT CHINESE AP CHINESE IB CHINESE ETC THIS IS OUR PAST 25 YEARS PAINSTAKING EFFORTS BASED ON OUR FIRSTHAND EXPERIENCE TO TEACH FOREIGNERS SHARE WITH YOU WHAT WE KNOW BEST IS OUR SLOGAN WE START WITH LEGOO MANDARIN AND NOW EXPAND THE SYSTEM INTO OTHER TOPICS BAHASA MALAYSIA IT ECOMMERCE ACCOUNTING AND FINANCE TAI CHI FITNESS AND QI GONG YOU CAN LEARN ANYTIME ANYWHERE

BRAZIL

2018-07-30

THIS SELECTED ISSUES PAPER EXAMINES INFRASTRUCTURE INVESTMENT IN BRAZIL BRAZIL HAS INFERIOR OVERALL INFRASTRUCTURE QUALITY RELATIVE TO ALMOST ALL ITS EXPORT COMPETITORS BRAZIL S INFRASTRUCTURE ENDOWMENT RANKS LOW BY INTERNATIONAL STANDARDS AND ITS LOW QUALITY AFFECTS PRODUCTIVITY MARKET EFFICIENCY AND COMPETITIVENESS AREAS IN WHICH BRAZIL S COMPETITIVENESS HAS LAGGED INCLUDE BUT ARE NOT LIMITED TO EDUCATION INNOVATION GOVERNANCE AND JUSTICE BRAZIL S INFRASTRUCTURE GAP HAS BECOME A MAJOR OBSTACLE TO GROWTH AND FILLING THIS GAP WILL ENTAIL INCREASING INVESTMENT AND ALSO STEPPING UP OTHER REFORMS

WOMEN AND TV CULTURE IN PAKISTAN

2021-07-23

THE TELEVISION BROADCASTING CULTURE OF PAKISTAN WAS CHANGED DRAMATICALLY IN 2002 THE PRESIDENT GENERAL PERVEZ MUSHARRAF INTRODUCED A POLICY OF LIBERALISATION THAT ENABLED CONTROVERSIAL ISSUES SUCH AS HONOUR KILLINGS ADULTERY STONING TO DEATH DOMESTIC VIOLENCE MARRIAGE AFTER DIVORCE AND HOMOSEXUALITY TO BE INCREASINGLY DEPICTED ON SCREEN WOMEN AND TV CULTURE IN PAKISTAN IS THE FIRST IN DEPTH ANALYSIS OF THIS CHANGE IN TELEVISION CONTENT MUNIRA CHEEMA FOCUSES ON HOW GENDER ISSUES ARE DEALT WITH ON TV AND EXAMINES THE IMPACT THIS HAS ON FEMALE VIEWERS IN PAKISTAN TELEVISION IS OFTEN THE ONLY WAY IN WHICH WOMEN CAN ACCESS THE PUBLIC SPHERE EXCEPT THROUGH MALE GUARDIANS AND THIS BOOK EVALUATES HOW TV CONTENT ALLOWS THEM TO NAVIGATE THEIR INTERSECTING IDENTITIES AS MUSLIMS WOMEN AND PAKISTANIS AT A TIME WHEN RELIGIOUS CONSERVATISM IS ON THE RISE IN THE COUNTRY THIS BOOK INVESTIGATES WHY PRODUCERS CHOOSE TO FOCUS ON GENDER BASED ISSUES AND THE EXTENT TO WHICH RELIGION DICTATES SOCIAL BEHAVIOUR AND BROADCASTING CHOICES BASED ON INTERVIEWS WITH WOMEN VIEWERS IN KARACHI AS WELL AS INDUSTRY PROFESSIONALS INCLUDING WRITERS DIRECTORS AND RATINGS EXPERTS THE RESEARCH IS A MUCH NEEDED AND ORIGINAL CONTRIBUTION TO GLOBAL TELEVISION STUDIES AND GENDER STUDIES

AR 195-2 06/09/2014 CRIMINAL INVESTIGATION ACTIVITIES , SURVIVAL EBOOKS

1984

AR 195 2 06 09 2014 CRIMINAL INVESTIGATION ACTIVITIES SURVIVAL EBOOKS

FUKUSHIMA ACCIDENT

2019-07-23

FUKUSHIMA ACCIDENT 10 YEARS AFTER EVALUATES THE POST FUKUSHIMA ACCIDENT SITUATION WITH UP TO DATE INFORMATION EMPHASIZING RADIONUCLIDE IMPACTS ON THE TERRESTRIAL AND MARINE ENVIRONMENTS AND COMPARING THEM TO THE PRE FUKUSHIMA ACCIDENT LEVELS OF RADIONUCLIDES IN THE ENVIRONMENT THIS IS BASED ON SCIENTIFIC RESULTS AS WELL AS KNOWLEDGE GATHERED FROM LITERATURE TO PROVIDE CURRENT INFORMATION ON THE PRESENT STATUS SUMMARIZE 10 YEARS OF DATA ON THE FUKUSHIMA ACCIDENT AND DESCRIBE THE PRESENT SITUATION IN THE LOCAL REGIONAL AND GLOBAL TIME AND SPACE SCALES IT PROVIDES DATA ON RADIOACTIVITY RELEASED INTO THE ATMOSPHERE AND THE OCEAN THE DISTRIBUTION OF RADIONUCLIDES IN THE WORLD ATMOSPHERE AND OCEANS AND THEIR IMPACT ON THE TOTAL ENVIRONMENT INCLUDING ASSESSMENTS OF RADIATION DOSES IN JAPANESE AND WORLD POPULATIONS FROM CONSUMPTION OF TERRESTRIAL FOOD AND SEAFOOD IT GOES ON TO DESCRIBE FUTURE ASPECTS OF THE RADIOACTIVE CONTAMINATION OF THESE ENVIRONMENTS AND THE HEALTH IMPLICATIONS THIS BOOK INFORMS ENVIRONMENTAL SCIENTISTS ACADEMICS AND RESEARCHERS IN ENVIRONMENTAL SCIENCE AND NUCLEAR ENERGY AS WELL AS POSTGRADUATE STUDENTS IN THE FIELD OF ENVIRONMENTAL SCIENCE RADIOACTIVITY AND NUCLEAR ENERGY ON THE PRESENT SITUATION OF RADIOACTIVE CONTAMINATION OF JAPAN AND IN THE WORLD COVERS THE FUKUSHIMA RADIOACTIVITY IMPACT ON HUMANS AND THE ENVIRONMENT FROM THE ACCIDENT TO THE PRESENT PROVIDES FULL INFORMATION ON RADIATION DOSES TO JAPANESE CITIZENS AND BIOTA AS WELL AS TO THE WORLD POPULATION 10 YEARS AFTER THE FUKUSHIMA ACCIDENT DETAILS TRANSPORT OF RADIONUCLIDES IN TERRESTRIAL AND OCEAN ENVIRONMENTS DESCRIBING HOW TO APPLY THIS INFORMATION TO OCEAN GLOBAL CIRCULATION MODELS AND QUANTIFY RADIONUCLIDE CONTAMINATION OF COASTAL REGIONS ASSESSES FUTURE TRENDS IN RADIOACTIVE CONTAMINATION OF THE FUKUSHIMA SITE

CODE OF FEDERAL REGULATIONS

2016-05-06

PRECIPITATION IS A WELL RECOGNIZED PILLAR IN GLOBAL WATER AND ENERGY BALANCES AN ACCURATE AND TIMELY UNDERSTANDING OF ITS CHARACTERISTICS AT THE GLOBAL REGIONAL AND LOCAL SCALES IS INDISPENSABLE FOR A CLEARER UNDERSTANDING OF THE MECHANISMS UNDERLYING THE EARTH S ATMOSPHERE OCEAN COMPLEX SYSTEM PRECIPITATION IS ONE OF THE ELEMENTS THAT IS DOCUMENTED TO BE GREATLY AFFECTED BY CLIMATE CHANGE IN ITS VARIOUS FORMS PRECIPITATION COMPRISES A PRIMARY SOURCE OF FRESHWATER WHICH IS VITAL FOR THE SUSTAINABILITY OF ALMOST ALL HUMAN ACTIVITIES ITS SOCIO ECONOMIC SIGNIFICANCE IS FUNDAMENTAL IN MANAGING THIS NATURAL RESOURCE EFFECTIVELY IN APPLICATIONS RANGING FROM IRRIGATION TO INDUSTRIAL AND HOUSEHOLD USAGE REMOTE SENSING OF PRECIPITATION IS PURSUED THROUGH A BROAD SPECTRUM OF CONTINUOUSLY ENRICHED AND UPGRADED INSTRUMENTATION EMBRACING SENSORS WHICH CAN BE GROUND BASED E G WEATHER RADARS SATELLITE BORNE E G PASSIVE OR ACTIVE SPACE BORNE SENSORS UNDERWATER E G HYDROPHONES AERIAL OR SHIP BORNE

REMOTE SENSING OF PRECIPITATION

2020-11-29

ENVIRONMENTAL STRESSES AND METABOLIC BY PRODUCTS CAN SEVERELY AFFECT THE INTEGRITY OF GENETIC INFORMATION BY INDUCING DNA DAMAGE AND IMPAIRING GENOME STABILITY AS A CONSEQUENCE PLANT GROWTH AND PRODUCTIVITY ARE IRREVERSIBLY COMPROMISED TO OVERCOME GENOTOXIC INJURY PLANTS HAVE EVOLVED COMPLEX STRATEGIES RELYING ON A HIGHLY EFFICIENT REPAIR MACHINERY THAT RESPONDS TO SOPHISTICATED DAMAGE PERCEPTION SIGNALING NETWORKS THE DNA DAMAGE SIGNALING NETWORK CONTAINS SEVERAL KEY COMPONENTS DNA DAMAGE SENSORS SIGNAL TRANSDUCERS MEDIATORS AND EFFECTORS MOST OF THESE COMPONENTS ARE COMMON TO OTHER EUKARYOTES BUT SOME FEATURES ARE UNIQUE TO THE PLANT KINGDOM ATM AND ATR ARE WELL CONSERVED MEMBERS OF PIKK FAMILY WHICH AMPLIFY AND TRANSDUCE SIGNALS TO DOWNSTREAM EFFECTORS ATM PRIMARILY RESPONDS TO DNA DOUBLE STRAND BREAKS WHILE ATR RESPONDS TO VARIOUS FORMS OF DNA DAMAGE THE SIGNALS FROM THE ACTIVATED TRANSDUCER KINASES ARE TRANSMITTED TO THE DOWNSTREAM CELL CYCLE REGULATORS SUCH AS CHK1 CHK2 AND P53 IN MANY EUKARYOTES HOWEVER PLANTS HAVE NO HOMOLOGUE OF CHK1 CHK2 NOR P53 THE FINDING OF ARABIDOPSIS TRANSCRIPTION FACTOR SOG1 THAT SEEMS FUNCTIONALLY BUT NOT STRUCTURALLY SIMILAR TO P53 SUGGESTS THAT PLANTS HAVE DEVELOPED UNIQUE CELL CYCLE REGULATION MECHANISM THE DOUBLE STRAND BREAK REPAIR RECOMBINATION REPAIR POSTREPLICATION REPAIR AND LESION BYPASS HAVE BEEN INVESTIGATED IN SEVERAL PLANTS THE DNA DOUBLE STRAND BREAK A MOST CRITICAL DAMAGE FOR ORGANISMS ARE REPAIRED NON HOMOLOGOUS END JOINING NHEJ OR HOMOLOGOUS RECOMBINATION HR PATHWAY DAMAGE ON TEMPLATE DNA MAKES REPLICATION STALL WHICH IS PROCESSED BY TRANSLESION SYNTHESIS TLS

OR ERROR FREE POSTREPLICATION REPAIR PPR PATHWAY DELETION OF THE ERROR PRONE TLS POLYMERASE REDUCES MUTATION FREQUENCIES SUGGESTING PPR MAINTAINS THE STALLED REPLICATION FORK WHEN TLS IS NOT AVAILABLE UNVEILING THE REGULATION NETWORKS AMONG THESE MULTIPLE PATHWAYS WOULD BE THE NEXT CHALLENGE TO BE COMPLETED SOME INTRIGUING ISSUES HAVE BEEN DISCLOSED SUCH AS THE CROSS TALK BETWEEN DNA REPAIR SENESCENCE AND PATHOGEN RESPONSE AND THE INVOLVEMENT OF NON CODING RNAs IN GLOBAL GENOME STABILITY SEVERAL STUDIES HAVE HIGHLIGHTED THE ESSENTIAL CONTRIBUTION OF CHROMATIN REMODELING IN DNA REPAIR DNA DAMAGE SENSING SIGNALING AND REPAIR HAVE BEEN INVESTIGATED IN RELATION TO ENVIRONMENTAL STRESSES SEED QUALITY ISSUES MUTATION BREEDING IN BOTH MODEL AND CROP PLANTS AND ALL THESE STUDIES STRENGTHEN THE IDEA THAT COMPONENTS OF THE PLANT RESPONSE TO GENOTOXIC STRESS MIGHT REPRESENT TOOLS TO IMPROVE STRESS TOLERANCE AND FIELD PERFORMANCE THIS FOCUS ISSUE GIVES RESEARCHERS THE OPPORTUNITY TO GATHER AND INTERACT BY PROVIDING MINI REVIEWS COMMENTARIES OPINIONS ORIGINAL RESEARCH AND METHOD ARTICLES WHICH DESCRIBE THE MOST RECENT ADVANCES AND FUTURE PERSPECTIVES IN THE FIELD OF DNA DAMAGE SENSING SIGNALING AND REPAIR IN PLANTS A COMPREHENSIVE OVERVIEW OF THE CURRENT PROGRESSES DEALING WITH THE GENOTOXIC STRESS RESPONSE IN PLANTS WILL BE PROVIDED LOOKING AT CELLULAR AND MOLECULAR LEVEL WITH MULTIDISCIPLINARY APPROACHES THIS WILL HOPEFULLY BRING TOGETHER VALUABLE INFORMATION FOR BOTH PLANT BIOTECHNOLOGISTS AND BREEDERS

MAINTENANCE OF GENOME INTEGRITY: DNA DAMAGE SENSING, SIGNALING, REPAIR AND REPLICATION IN PLANTS

2023-08-01

HOW CAN WE TELL OUR STORIES DIFFERENTLY HOW CAN WE GO BEYOND THE ACADEMIC ARTICLE OR SUSTAINABILITY REPORT ALL REPORTS AND ALL SCHOLARLY PIECES ARE NARRATIVES OF A SORT EACH CHOOSING WHICH EVIDENCE SUITS AND EACH HAVING SOME SENSE OF BEGINNING MIDDLE AND END THROUGH THEIR USE OF FICTION ART AND POETRY THE SEVEN PAPERS IN THIS SPECIAL ISSUE OF THE JOURNAL OF CORPORATE CITIZENSHIP ARE CHALLENGING WHAT MIGHT TYPICALLY BE EXPECTED AS THE FORM OF AN ACADEMIC ARTICLE THESE CHALLENGES INCLUDE IDENTIFYING SILENT VOICES LINKING OF OUR HANDS HEARTS AND HEADS VIA ART A POEM A NAPKIN TO COMMUNICATE THE LIFE OF AN AVERAGE ACADEMIC STORIES OF GLADIATORIAL COMBAT FOR PROMOTION AND A MAN S DAY IN A NON SPECIFIC FUTURE THIS MIX OF CHALLENGE IN BOTH FORM AND MESSAGE CONTRIBUTES TO THE ABILITY OF THE PAPERS TO ADVANCE UNDERSTANDING AND REINFORCES HOW AN INNOVATIVE APPROACH TO CONVEYING THE MESSAGE CAN ADVANCE DEBATE

STORYTELLING: BEYOND THE ACADEMIC ARTICLE – USING FICTION, ART AND LITERARY TECHNIQUES TO COMMUNICATE

2015-04-01

LEPROSY IS A CHRONIC INFECTIOUS DISEASE THAT MAINLY AFFECTS THE SKIN AND PERIPHERAL NERVES LEFT UNTREATED IT CAN CAUSE PROGRESSIVE AND PERMANENT DISABILITY BUT A DIAGNOSIS OF LEPROSY CAN HAVE CONSEQUENCES THAT GO FAR BEYOND THE DISEASE S PHYSICAL MANIFESTATIONS THE AGE OLD STIGMA ASSOCIATED WITH LEPROSY CAN RESULT IN SEVERE SOCIAL DISCRIMINATION THAT ROBBS PEOPLE OF OPPORTUNITIES IN LIFE AND CONDEMNS THEM TO SOCIETY S MARGINS THIS BOOK IS THE MOST DETAILED ACCOUNT YET OF YOHEI SASAKAWA S QUEST OVER TWO DECADES AS WHO GOODWILL AMBASSADOR FOR LEPROSY ELIMINATION TO WORK FOR A WORLD WITHOUT LEPROSY AND THE DISCRIMINATION IT CAUSES IT CHRONICLES HIS TRAVELS TO REMOTE COMMUNITIES AROUND THE WORLD TO HEAR DIRECTLY FROM THOSE AFFECTED BY THE DISEASE AS WELL AS HIS MEETINGS WITH POLICY MAKERS GOVERNMENT LEADERS AND HEADS OF STATE TO ADVOCATE FOR RENEWED COMMITMENT TO THE FIGHT AGAINST LEPROSY INCLUDING MEASURES TO PROTECT THE HUMAN RIGHTS OF THOSE IT AFFECTS WHILE MUCH PROGRESS HAS BEEN MADE COMPLETING THE LAST MILE IN LEPROSY ERADICATION IS THE HARDEST PART OF THE JOURNEY MAKING THE IMPOSSIBLE POSSIBLE HIGHLIGHTS THE AUTHOR S UNFLAGGING RESOLVE TO ENSURE THAT ALL INVOLVED STAY THE COURSE

MAKING THE IMPOSSIBLE POSSIBLE

2015-02-14

PRIMARILY INTENDED TO SERVE AS A TEXTBOOK FOR UNDERGRADUATE STUDENTS OF PHARMACY THIS NEW EDITION DEALS WITH THE BASIC CONCEPTS OF MATHEMATICS THE PRIMARY OBJECTIVE OF THIS TEXT IS TO SOLIDIFY THE MATHEMATICAL SKILLS OF EVEN THOSE STUDENTS WHO DO NOT HAVE ANY MATHEMATICAL BACKGROUND THE TEXT DISCUSSES PROGRESSIONS BINOMIAL THEOREM TRIGONOMETRIC FUNCTIONS MATRICES AND DETERMINANTS CRAMER S RULE DIFFERENTIATIONS INTEGRATIONS DIFFERENTIAL EQUATIONS AND THEIR APPLICATIONS IN AN EASY TO UNDERSTAND STYLE THAT CREATES INTEREST IN THE SUBJECT THE TEXT IS SUPPORTED BY A NUMBER OF SOLVED AND UNSOLVED EXAMPLES TO ENHANCE THE PROBLEM SOLVING SKILLS OF THE STUDENTS BESIDES VARIOUS UNIVERSITIES EXAMINATION QUESTIONS AND QUIZ ARE ALSO PROVIDED WITH ANSWERS KEY FEATURES SIMPLE AND CLEAR EXPLANATION OF THE CONCEPTS MULTIPLE CHOICE QUESTIONS AND EXERCISE PROBLEMS AT THE END OF EACH CHAPTER NUMEROUS WORKED OUT PROBLEMS

REMEDIAL MATHEMATICS

2007-01

2023 24 NTA CSIR NET JRF CHEMICAL SCIENCE SOLVED PAPERS

CHEMICAL SCIENCE (2023-24 NTA/CSIR-NET/JRF)

1870

THIS BOOK PRESENTS THE STATE OF THE ART IN SUPERCOMPUTER SIMULATION IT INCLUDES THE LATEST FINDINGS FROM LEADING RESEARCHERS USING SYSTEMS FROM THE HIGH PERFORMANCE COMPUTING CENTER STUTTGART HLRS THE REPORTS COVER ALL FIELDS OF COMPUTATIONAL SCIENCE AND ENGINEERING RANGING FROM CFD TO COMPUTATIONAL PHYSICS AND FROM CHEMISTRY TO COMPUTER SCIENCE WITH A SPECIAL EMPHASIS ON INDUSTRIALLY RELEVANT APPLICATIONS PRESENTING FINDINGS OF ONE OF EUROPE S LEADING SYSTEMS THIS VOLUME COVERS A WIDE VARIETY OF APPLICATIONS THAT DELIVER A HIGH LEVEL OF SUSTAINED PERFORMANCE THE BOOK COVERS THE MAIN METHODS IN HIGH PERFORMANCE COMPUTING ITS OUTSTANDING RESULTS IN ACHIEVING THE BEST PERFORMANCE FOR PRODUCTION CODES ARE OF PARTICULAR INTEREST FOR BOTH SCIENTISTS AND ENGINEERS THE BOOK COMES WITH A WEALTH OF COLOR ILLUSTRATIONS AND TABLES OF RESULTS

HIGH PERFORMANCE COMPUTING IN SCIENCE AND ENGINEERING '14

2015-01-19

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2018-08-16

CONTROL ENGINEERING AND INFORMATION SYSTEMS CONTAINS THE PAPERS PRESENTED AT THE 2014 INTERNATIONAL CONFERENCE ON CONTROL ENGINEERING AND INFORMATION SYSTEMS ICCEIS 2014 YUEYANG HUNAN CHINA 20 22 JUNE 2014 ALL MAJOR ASPECTS OF THE THEORY AND APPLICATIONS OF CONTROL ENGINEERING AND INFORMATION SYSTEMS ARE ADDRESSED INCLUDING INTELLIGENT S

ASTRONOMICAL AND METEOROLOGICAL OBSERVATIONS MADE DURING THE YEAR ... AT THE UNITED STATES NAVAL OBSERVATORY

2014-12-24

AS A CONSEQUENCE OF THE GLOBAL CLIMATE CHANGE BOTH THE REDUCTION ON YIELD POTENTIAL AND THE AVAILABLE SURFACE AREA OF CULTIVATED SPECIES WILL COMPROMISE THE PRODUCTION OF FOOD NEEDED FOR A CONSTANT GROWING POPULATION THERE IS CONSENSUS ABOUT THE SIGNIFICANT GAP BETWEEN WORLD FOOD CONSUMPTION PROJECTED FOR THE COMING DECADES AND THE EXPECTED CROP YIELD IMPROVEMENTS WHICH ARE ESTIMATED TO BE INSUFFICIENT TO MEET THE DEMAND THE COMPLEXITY OF THIS SCENARIO WILL CHALLENGE BREEDERS TO DEVELOP CULTIVARS THAT ARE BETTER ADAPTED TO ADVERSE ENVIRONMENTAL CONDITIONS THEREFORE INCORPORATING A NEW SET OF MORPHO PHYSIOLOGICAL AND PHYSICO CHEMICAL TRAITS A LARGE NUMBER OF THESE TRAITS HAVE BEEN FOUND TO BE LINKED TO HEAT AND DROUGHT TOLERANCE CURRENTLY THE ONLY REASONABLE WAY TO SATISFY ALL THESE DEMANDS IS THROUGH ACQUISITION OF HIGH DIMENSIONAL PHENOTYPIC DATA HIGH THROUGHPUT PHENOTYPING ALLOWING RESEARCHERS WITH A HOLISTIC COMPREHENSION OF PLANT RESPONSES OR PHENOMICS PHENOMICS IS STILL UNDER DEVELOPMENT THIS RESEARCH TOPIC AIMS TO BE A CONTRIBUTION TO THE PROGRESS OF METHODOLOGIES AND ANALYSIS TO HELP UNDERSTAND THE PERFORMANCE OF A GENOTYPE IN A GIVEN ENVIRONMENT

CONTROL ENGINEERING AND INFORMATION SYSTEMS

2021-06-18

THIS ISSUE OF EMERGENCY MEDICINE CLINICS EDITED BY DRS STEPHEN BORRON AND ZIAD KAZZI FOCUSES ON EMERGENCIES ARISING FROM CONTACT WITH HAZARDOUS MATERIALS ARTICLE TOPICS INCLUDE SELECTED CLASSES AND EXAMPLES OF DANGEROUS INDUSTRIAL CHEMICALS WEAPONS OF MASS DESTRUCTION AND THEIR SYNDROMIC IDENTIFICATION HOSPITAL PREPAREDNESS FOR CHEMICAL AND RADIOLOGICAL DISASTERS PERSONNEL PROTECTION AND DECONTAMINATION OF ADULTS AND CHILDREN RESOURCES FOR TOXICOLOGICAL INFORMATION AND ASSISTANCE ASPHYXIANTS CORROSIVES AND IRRITANTS ORGANOPHOSPHATES AND CARBAMATES INTENTIONAL AND UNINTENTIONAL FOOD DRUG AND WATER CONTAMINATION AND MORE

PLANT PHENOTYPING AND PHENOMICS FOR PLANT BREEDING

2015-03-30

WARZONES ARE SOMETIMES DESCRIBED AS LAWLESS BUT THIS IS RARELY THE CASE ARMED INSURGENTS OFTEN REPLACE THE STATE AS THE PROVIDER OF LAW AND JUSTICE IN AREAS UNDER THEIR AUTHORITY BASED ON EXTENSIVE FIELDWORK REBEL COURTS OFFERS A COMPELLING AND UNIQUE INSIGHT INTO THE JUDICIAL GOVERNANCE OF ARMED GROUPS A PHENOMENON NEVER STUDIED COMPREHENSIVELY UNTIL NOW USING A SERIES OF DETAILED CASE STUDIES OF NON STATE ARMED GROUPS IN A DIVERSE RANGE OF CONFLICT SITUATIONS INCLUDING THE FARC COLOMBIA ISLAMIC STATE SYRIA AND IRAQ TALIBAN AFGHANISTAN TAMIL TIGERS SRI LANKA PPK TURKEY PYD SYRIA AND KRG IRAQ REBEL COURTS ARGUES THAT IT IS POSSIBLE FOR NON STATE ARMED GROUPS TO LEGALLY ESTABLISH AND OPERATE A SYSTEM OF COURTS TO ADMINISTER JUSTICE RULES OF PUBLIC INTERNATIONAL LAW THAT REGULATE THE CONDUCT OF WAR CAN BE INTERPRETED AS AUTHORISING THE ESTABLISHMENT OF REBEL COURTS BY ARMED GROUPS WHEN OPERATING IN A MANNER CONSISTENT WITH DUE PROCESS REBEL COURTS DEMAND A CERTAIN DEGREE OF RECOGNITION BY INTERNATIONAL STATES INSTITUTIONS AND EVEN OTHER NON STATE ARMED GROUPS WITH LEGAL ANALYSIS ENRICHED BY INSIGHTS FROM OTHER DISCIPLINES REBEL COURTS IS A MUST READ FOR ALL SCHOLARS AND PROFESSIONALS INTERESTED IN LAW JUSTICE AND THE EFFECTIVENESS OF GLOBAL LEGAL STANDARDS IN SITUATIONS OF ARMED CONFLICT

MANAGEMENT OF HAZARDOUS MATERIAL EMERGENCIES, AN ISSUE OF EMERGENCY MEDICINE CLINICS OF NORTH AMERICA,

2019-04-17

THIS BOOK EXPLAINS HOW STUDIES IN BRAIN DEVELOPMENT AND EPIGENETICS THE INEXTRICABLE INTERPLAY OF GENES AND ENVIRONMENTS HAVE LED TO BREAKTHROUGHS IN THE UNDERSTANDING OF CHILDREN S PSYCHOLOGICAL DISTURBANCES AND SERVE TO DISCREDIT THE SCIENTIFICALLY UNSUPPORTED CHEMICAL IMBALANCE THEORY OF MENTAL ILLNESS INTENDED FOR MENTAL HEALTH PRACTITIONERS CONCERNED PARENTS AND CHILD ADVOCATES ALIKE THIS BOOK PRESENTS A POWERFUL NEW PARADIGM FOR UNDERSTANDING THE CAUSES OF CHILDREN S PSYCHOLOGICAL DISTURBANCES AND AS A RESULT THE PROPER TREATMENT OF THESE SYMPTOMS BASED IN CUTTING EDGE RESEARCH ON THE DEVELOPING BRAIN AND EPIGENETICS THIS IMPORTANT VOLUME SERVES TO INFORM READERS ABOUT THE LATEST SCIENTIFIC CONCLUSIONS AND CLINICAL PRACTICES THAT NEED TO SUPPLANT PERVASIVE AND OFTEN DANGEROUS DRUG PRESCRIPTIONS TO MILLIONS OF CHILDREN SHARNA OLFMAN PHD AND CONTRIBUTORS INCLUDING LEADING RESEARCHERS CLINICIANS AND CHILDHOOD ADVOCATES PRESENT THEIR RESEARCH FINDINGS AND EXPLAIN THE IMPLICATIONS FOR TREATMENT OF A RANGE OF SYMPTOMS INCLUDING AUTISM SPECTRUM DISORDERS ATTENTION DEFICIT HYPERACTIVITY DISORDER ADHD CONCUSSION SYNDROMES AND MOOD DISORDERS THE BOOK DEFINITELY LAYS TO REST THE CHEMICAL IMBALANCE THEORY OF MENTAL ILLNESS A THEORY THAT HAS BEEN ROUNDLY DISCREDITED BY THE SCIENTIFIC COMMUNITY BUT KEPT ALIVE BY THE PHARMACEUTICAL INDUSTRY CHAPTERS FOCUS ON THE REAL SCIENCE OF EPIGENETICS AND THE SENSITIVITY OF THE DEVELOPING BRAIN TO ENVIRONMENTAL INFLUENCES SUCH AS TRAUMA AND CHEMICAL TOXINS LEGITIMATE RESEARCH FINDINGS THAT ARE LARGELY IGNORED BY MENTAL HEALTH PRACTITIONERS AND RARELY INFLUENCE PRACTICE

REBEL COURTS

2020-12-03

TUNNELS AND UNDERGROUND CITIES ENGINEERING AND INNOVATION MEET ARCHAEOLOGY ARCHITECTURE AND ART CONTAINS THE CONTRIBUTIONS PRESENTED AT THE WORLD TUNNEL CONGRESS 2019 NAPLES ITALY 3-9 MAY 2019 THE USE OF UNDERGROUND SPACE IS CONTINUING TO GROW DUE TO GLOBAL URBANIZATION PUBLIC DEMAND FOR EFFICIENT TRANSPORTATION AND ENERGY SAVING PRODUCTION AND DISTRIBUTION THE GROWING NEED FOR SPACE AT GROUND LEVEL ALONG WITH ITS CONTINUOUS VALUE INCREASE AND THE CHALLENGES OF ENERGY SAVING AND ACHIEVING SUSTAINABLE DEVELOPMENT OBJECTIVES DEMAND GREATER AND BETTER USE OF THE UNDERGROUND SPACE TO ENSURE THAT IT SUPPORTS SUSTAINABLE RESILIENT AND MORE LIVEABLE CITIES THIS VISION WAS THE SOURCE OF INSPIRATION FOR THE DESIGN OF THE LOGOS OF BOTH THE INTERNATIONAL ITA AND ITALIAN SIG TUNNELLING ASSOCIATION BY PLACING KEY INFRASTRUCTURES UNDERGROUND THE BLACK CIRCLE IN THE LOGOS IT WILL BE POSSIBLE TO PRESERVE AND ENHANCE THE QUALITY OF THE SPACE AT GROUND LEVEL THE GREEN LINE IN ORDER TO CONSIDER AND VALUE UNDERGROUND SPACE USAGE TOGETHER WITH HUMAN AND SOCIAL NEEDS ENGINEERS ARCHITECTS AND ARTISTS WILL HAVE TO LEARN TO COLLABORATE AND DEVELOP AN INTERDISCIPLINARY DESIGN APPROACH THAT ADDRESSES FUNCTIONALITY SAFETY AESTHETICS AND QUALITY OF LIFE AND ADAPTABILITY TO FUTURE AND VARIED FUNCTIONS THE 700 CONTRIBUTIONS COVER A WIDE RANGE OF TOPICS FROM MORE TRADITIONAL SUBJECTS CONNECTED TO TECHNICAL CHALLENGES OF DESIGN AND CONSTRUCTION OF UNDERGROUND WORKS WITH EMPHASIS ON INNOVATION IN TUNNELING ENGINEERING TO LESS CONVENTIONAL AND ARCHETYPICALLY ITALIAN THEMES SUCH AS ARCHAEOLOGY ARCHITECTURE AND ART THE BOOK HAS THE FOLLOWING MAIN THEMES ARCHAEOLOGY ARCHITECTURE AND ART IN UNDERGROUND CONSTRUCTION ENVIRONMENT SUSTAINABILITY IN UNDERGROUND CONSTRUCTION GEOLOGICAL AND GEOTECHNICAL KNOWLEDGE AND REQUIREMENTS FOR PROJECT IMPLEMENTATION GROUND IMPROVEMENT IN UNDERGROUND CONSTRUCTIONS INNOVATION IN UNDERGROUND ENGINEERING MATERIALS AND EQUIPMENT LONG AND DEEP TUNNELS PUBLIC COMMUNICATION AND AWARENESS RISK MANAGEMENT CONTRACTS AND FINANCIAL ASPECTS SAFETY IN UNDERGROUND CONSTRUCTION STRATEGIC USE OF UNDERGROUND SPACE FOR RESILIENT CITIES URBAN TUNNELS TUNNELS AND UNDERGROUND CITIES ENGINEERING AND INNOVATION MEET ARCHAEOLOGY ARCHITECTURE AND ART IS A VALUABLE REFERENCE TEXT FOR TUNNELING SPECIALISTS OWNERS ENGINEERS ARCHITECTS AND OTHERS INVOLVED IN UNDERGROUND PLANNING DESIGN AND BUILDING AROUND THE WORLD AND FOR ACADEMICS WHO ARE INTERESTED IN UNDERGROUND CONSTRUCTIONS AND GEOTECHNICS

THE SCIENCE AND PSEUDOSCIENCE OF CHILDREN'S MENTAL HEALTH

2021-11-16

APPLICATIONS OF NUCLEAR MAGNETIC RESONANCE SPAN A WIDE RANGE OF SCIENTIFIC DISCIPLINES FROM PHYSICS TO MEDICINE FOR THOSE WANTING TO BECOME ACQUAINTED WITH NMR OR SEASONED PRACTITIONERS THIS IS A VALUABLE SOURCE OF CURRENT METHODS AND APPLICATIONS

FEDERAL ENERGY REGULATORY COMMISSION REPORTS

2002-09-16

THIS BOOK EXAMINES THE IMPACTS OF RADIONUCLIDES RELEASED FROM THE 2011 FUKUSHIMA DAIICHI NUCLEAR POWER PLANT FDNPP ACCIDENT ON INLAND AQUATIC ENVIRONMENTS THE FOCUS IS ON THE DYNAMICS OF RADIOCESIUM IN INLAND AQUATIC ENVIRONMENTS THE BOOK COMPRISES THREE PARTS MIGRATION BEHAVIOR OF RADIOCESIUM IN RIVER AND LAKE ENVIRONMENT ACCUMULATION OF RADIOCESIUM INTO ORGANISMS IN FRESHWATER AND INTEGRATED ENVIRONMENTAL ANALYSIS IN A LAKE SYSTEM AND A FOREST FRESHWATER SYSTEM MANY STUDIES ON THE DYNAMICS OF RADIONUCLIDES HAVE BEEN PUBLISHED AFTER THE FDNPP ACCIDENT ESPECIALLY OF RADIOCESIUM ^{134}Cs ^{137}Cs IN LAND AND MARINE ENVIRONMENT THE KEY FEATURES OF THIS BOOK ARE THE NEW DATA OF FRESHWATER ENVIRONMENT INCLUDING TRANSPORT OF RADIONUCLIDES IN RIVER AND LAKE WATERSHED AND ACCUMULATION OF RADIOCESIUM IN FRESHWATER FISHES AND INSECTS ANOTHER FEATURE OF THIS BOOK IS THAT IT SUMMARIZES THE DATASET OF A MODEL LAKE LAKE AKAGI ONUMA FROM GEOCHEMICAL AND BIOLOGICAL APPROACHES READERS WILL LEARN THE ACTUAL DISPERSION BEHAVIOR OF RADIONUCLIDES RELEASED FROM THE FUKUSHIMA ACCIDENT AND THEIR IMPACTS ON FRESHWATER ENVIRONMENTS SINCE THE ACCIDENT IN 2011 THE BOOK PRESENTS VALUABLE INFORMATION FOR ASSESSING THE IMPACTS OF THE FDNPP ACCIDENT ON ECOSYSTEM AND HUMAN HEALTH WHICH ARE ALSO USEFUL IN DEVELOPING COUNTERMEASURES FOR SIMILAR ACCIDENTS AND ENVIRONMENTAL CONTAMINATIONS

TUNNELS AND UNDERGROUND CITIES. ENGINEERING AND INNOVATION MEET ARCHAEOLOGY, ARCHITECTURE AND ART

1882

SIMULTANEOUSLY DISPLAYS THE DATE ON THIRTEEN DIFFERENT CALENDARS OVER A THREE HUNDRED YEAR PERIOD

NUCLEAR MAGNETIC RESONANCE VOLUME 46

1872

BASIC ENGINEERING MATHEMATICS VOLUME

IMPACTS OF FUKUSHIMA NUCLEAR ACCIDENT ON FRESHWATER ENVIRONMENTS

1863

PLEASE NOTE THIS TITLE IS SUITABLE FOR ANY STUDENT STUDYING EXAM BOARD OCR LEVEL A LEVEL YEAR 1 AND AS SUBJECT CHEMISTRY FIRST TEACHING SEPTEMBER 2015

FIRST EXAMS JUNE 2016 WRITTEN BY CURRICULUM AND SPECIFICATION EXPERTS THIS STUDENT BOOK SUPPORTS AND EXTENDS STUDENTS THROUGHOUT THEIR COURSE WHILST DELIVERING THE BREADTH DEPTH AND SKILLS NEEDED TO SUCCEED AT A LEVEL AND BEYOND

CALENDRIAL TABULATIONS, 1900-2200

2017

WHILE WE MUST ACKNOWLEDGE THAT THERE ARE LIKELY TO HAVE BEEN VARIATIONS IN PRACTICE ACROSS TIME AND ACROSS REGIONS IT REMAINS ONE OF THE MOST IMPORTANT PIECES OF PHYSICAL EVIDENCE FOR UNDERSTANDING THE WAY MEDIEVAL GLAZIERS WORKED WHILE IT IS NOT UNIQUE ITS SIZE ITS CONDITION AND THE SURVIVAL OF WINDOWS ACTUALLY MADE ON IT MAKE IT AN OBJECT OF INESTIMABLE VALUE IN UNDERSTANDING THE CRAFT OF THE MEDIEVAL GLAZIER N NFROM FORWARD BY SARAH BROWN UNIVERSITY OF YORK N

OBSERVATIONS MADE DURING THE YEAR ... AT THE UNITED STATES NAVAL OBSERVATORY

2016-05-05

THE CYTOPLASM OF GRAM NEGATIVE BACTERIA IS BOUND BY THREE LAYERS AN INNER MEMBRANE A LAYER OF PEPTIDOGLYCAN AND AN OUTER MEMBRANE THE OUTER MEMBRANE IS AN ASYMMETRIC LIPIDIC BILAYER WITH PHOSPHOLIPIDS ON ITS INNER SURFACE AND LIPOPOLYSACCHARIDES LPSS ON THE OUTSIDE WITH THE LATTER BEING THE MAJOR COMPONENT OF THE OUTER LEAFLET AND COVERING NEARLY THREE QUARTERS OF THE TOTAL OUTER CELL SURFACE ALL LPSS POSSESS THE SAME GENERAL CHEMICAL ARCHITECTURE INDEPENDENTLY OF BACTERIAL ACTIVITY PATHOGENIC SYMBIOTIC COMMENSAL ECOLOGICAL NICHE HUMAN ANIMAL SOIL PLANT WATER OR GROWTH CONDITIONS ENDOTOXINS ARE LARGE AMPHIPHILIC MOLECULES CONSISTING OF A HYDROPHILIC POLYSACCHARIDE COMPONENT AND A COVALENTLY BOUND HYDROPHOBIC AND HIGHLY CONSERVED LIPID COMPONENT TERMED LIPID A THE ENDOTOXIN SUBUNIT THE POLYSACCHARIDE COMPONENT CAN BE DIVIDED INTO TWO SUBDOMAINS THE INTERNAL AND CONSERVED CORE REGION AS WELL AS THE MORE EXTERNAL AND HIGHLY VARIABLE O SPECIFIC CHAIN ALSO REFERRED TO AS THE O ANTIGEN DUE TO ITS IMMUNOGENIC PROPERTIES LPSS ARE ENDOTOXINS ONE OF THE MOST POTENT CLASS OF ACTIVATORS OF THE MAMMALIAN IMMUNE SYSTEM THEY CAN BE RELEASED FROM CELL SURFACES OF BACTERIA DURING MULTIPLICATION LYSIS AND DEATH LPS CAN ACT THROUGH ITS BIOLOGICAL CENTER LIPID A COMPONENT ON VARIOUS CELL TYPES OF WHICH MACROPHAGES AND MONOCYTES ARE THE MOST IMPORTANT

ASTRONOMICAL AND METEOROLOGICAL OBSERVATIONS MADE DURING THE YEAR ... AT THE UNITED STATES NAVAL OBSERVATORY

2014-08

STUDIES HAVE SHOWN THAT ALTERATIONS OF EPIGENETICS AND MICRORNAS MIRNAS PLAY CRITICAL ROLES IN THE INITIATION AND PROGRESSION OF HUMAN CANCER EPIGENETIC SILENCING OF TUMOR SUPPRESSOR GENES IN CANCER CELLS IS GENERALLY MEDIATED BY DNA HYPERMETHYLATION OF CPG ISLAND PROMOTER AND HISTONE MODIFICATION SUCH AS METHYLATION OF HISTONE H3 LYSINE 9 H3K9 AND TRI METHYLATION OF H3K27 MIRNAS ARE SMALL NON CODING RNAS THAT REGULATE EXPRESSION OF VARIOUS TARGET GENES SPECIFIC MIRNAS ARE ABERRANTLY EXPRESSED AND PLAY ROLES AS TUMOR SUPPRESSORS OR ONCOGENES DURING CARCINOGENESIS IMPORTANT TUMOR SUPPRESSOR MIRNAS ARE SILENCED BY EPIGENETIC ALTERATIONS RESULTING IN ACTIVATION OF TARGET ONCOGENES IN HUMAN MALIGNANCIES STEM CELLS HAVE THE ABILITY TO PERPETUATE THEMSELVES THROUGH SELF RENEWAL AND TO GENERATE MATURE CELLS OF VARIOUS TISSUES THROUGH DIFFERENTIATION ACCUMULATING EVIDENCE SUGGESTS THAT A SUBPOPULATION OF CANCER CELLS WITH DISTINCT STEM LIKE PROPERTIES IS RESPONSIBLE FOR TUMOR INITIATION INVASIVE GROWTH AND METASTASIS FORMATION WHICH IS DEFINED AS CANCER STEM CELLS CANCER STEM CELLS ARE CONSIDERED TO BE RESISTANT TO CONVENTIONAL CHEMOTHERAPY AND RADIATION THERAPY SUGGESTING THAT THESE CELLS ARE IMPORTANT

TARGETS OF CANCER THERAPY DNA METHYLATION HISTONE MODIFICATION AND MIRNAS MAY BE DEEPLY INVOLVED IN STEM LIKE PROPERTIES IN CANCER CELLS RESTORING THE EXPRESSION OF TUMOR SUPPRESSOR GENES AND MIRNAS BY CHROMATIN MODIFYING DRUGS MAY BE A PROMISING THERAPEUTIC APPROACH FOR CANCER STEM CELLS IN THIS RESEARCH TOPIC WE DISCUSS ABOUT ALTERATIONS OF EPIGENETICS AND MIRNAS IN CANCER AND CANCER STEM CELL AND UNDERSTAND THE MOLECULAR MECHANISM UNDERLYING THE FORMATION OF CANCER STEM CELL WHICH MAY PROVIDE A NOVEL INSIGHT FOR TREATMENT OF REFRACTORY CANCER

ASTRONOMICAL, MAGNETIC AND METEOROLOGICAL OBSERVATIONS MADE AT THE UNITED STATES NAVAL OBSERVATORY

2020-01-24

THE CONGRESS ARSENIC IN THE ENVIRONMENT OFFERS AN INTERNATIONAL MULTI AND INTERDISCIPLINARY DISCUSSION PLATFORM FOR RESEARCH AND INNOVATION AIMED TOWARDS A HOLISTIC SOLUTION TO THE PROBLEM POSED BY THE ENVIRONMENTAL TOXIN ARSENIC WITH CONSIDERABLE SOCIETAL IMPACT THE CONGRESS HAS FOCUSED ON CUTTING EDGE AND BREAKTHROUGH RESEARCH IN PHYSICAL CHEMICAL TOXICOLOGICAL MEDICAL AGRICULTURAL AND OTHER SPECIFIC ISSUES ON ARSENIC ACROSS A BROADER ENVIRONMENTAL REALM THE CONGRESS ARSENIC IN THE ENVIRONMENT WAS FIRST ORGANIZED IN MEXICO CITY AS 2006 FOLLOWED BY AS 2008 IN VALENCIA SPAIN AS 2010 IN TAINAN TAIWAN AS 2012 IN CAIRNS AUSTRALIA AND AS 2014 IN BUENOS AIRES ARGENTINA THE 6TH INTERNATIONAL CONGRESS AS 2016 WAS HELD JUNE 19 23 2016 IN STOCKHOLM SWEDEN AND WAS ENTITLED ARSENIC RESEARCH AND GLOBAL SUSTAINABILITY THE CONGRESS ADDRESSED THE BROADER CONTEXT OF ARSENIC RESEARCH ALONG THE FOLLOWING THEMES THEME 1 ARSENIC IN ENVIRONMENTAL MATRICES AND INTERACTIONS AIR WATER SOIL AND BIOLOGICAL MATRICES THEME 2 ARSENIC IN FOOD CHAIN THEME 3 ARSENIC AND HEALTH THEME 4 CLEAN WATER TECHNOLOGY FOR CONTROL OF ARSENIC THEME 5 SOCIETAL ISSUES POLICY STUDIES MITIGATION AND MANAGEMENT LONG TERM EXPOSURE TO LOW TO MEDIUM LEVELS OF ARSENIC VIA CONTAMINATED FOOD AND DRINKING WATER CAN HAVE A SERIOUS IMPACT ON HUMAN HEALTH AND GLOBALLY MORE THAN 100 MILLION PEOPLE ARE AT RISK SINCE THE END OF THE 20TH CENTURY ARSENIC IN DRINKING WATER MAINLY GROUNDWATER HAS EMERGED AS A GLOBAL HEALTH CONCERN IN THE PAST DECADE THE PRESENCE OF ARSENIC IN PLANT FOODS ESPECIALLY RICE HAS GAINED INCREASING ATTENTION IN THE NORDIC COUNTRIES IN PARTICULAR THE USE OF WATER SOLUBLE INORGANIC ARSENIC CHEMICALS E G CHROMATED COPPER ARSENATE CCA AS WOOD PRESERVATIVES AND THE MINING OF SULFIDIC ORES HAVE BEEN FLAGGED AS HEALTH CONCERN THE ISSUE HAS BEEN ACCENTUATED BY DISCOVERIES OF NATURALLY OCCURRING ARSENIC IN GROUNDWATER PRIMARILY IN THE PRIVATE WELLS IN PARTS OF THE FENNOSCANDIAN SHIELD AND IN SEDIMENTARY FORMATIONS WITH POTENTIALLY DETRIMENTAL EFFECTS ON PUBLIC HEALTH SWEDEN HAS BEEN AT THE FOREFRONT OF RESEARCH ON THE HEALTH EFFECTS OF ARSENIC TECHNOLOGICAL SOLUTIONS FOR ARSENIC REMOVAL AND SUSTAINABLE MITIGATION MEASURES FOR DEVELOPING COUNTRIES HOSTING THIS CONGRESS IN SWEDEN WAS ALSO RELEVANT BECAUSE HISTORICALLY SWEDEN HAS BEEN ONE OF THE LEADING PRODUCER OF As_2O_3 AND ITS EMISSION FROM THE SMELTING INDUSTRIES IN NORTHERN SWEDEN AND HAS SUCCESSFULLY IMPLEMENTED ACTIONS TO REDUCE THE INDUSTRIAL EMISSIONS OF ARSENIC AS WELL AS MINIMIZING THE USE OF MATERIALS AND PRODUCTS CONTAINING ARSENIC IN SINCE 1977 THE CONGRESS HAS GATHERED PROFESSIONALS INVOLVED IN DIFFERENT SEGMENTS OF INTERDISCIPLINARY RESEARCH IN AN OPEN FORUM AND STRENGTHENED RELATIONS BETWEEN ACADEMIA INDUSTRY RESEARCH LABORATORIES GOVERNMENT AGENCIES AND THE PRIVATE SECTOR TO SHARE AN OPTIMAL ATMOSPHERE FOR EXCHANGE OF KNOWLEDGE DISCOVERIES AND DISCUSSIONS ABOUT THE PROBLEM OF ARSENIC IN THE ENVIRONMENT AND CATALYZE THE KNOWLEDGE GENERATION AND INNOVATIONS AT A POLICY CONTEXT TO ACHIEVE THE GOALS FOR POST 2015 SUSTAINABLE DEVELOPMENT

BASIC ENGINEERING MATHEMATICS VOLUME - I (FOR 1ST SEMESTER OF RGPV, BHOPAL)

2014-11-10

THE CONTENTS OF THIS VOLUME CONSTITUTE OBSERVATIONS COLLECTED BY THE U S NAVAL OBSERVATORY

A LEVEL CHEMISTRY FOR OCR A: YEAR 1 AND AS

2020-03-20

WHILE ENVIRONMENTAL DISPUTES AND CONFLICTS OVER FOSSIL FUEL EXTRACTION HAVE GROWN IN RECENT YEARS FEW ISSUES HAVE BEEN AS CONTENTIOUS IN THE TWENTY FIRST CENTURY AS THOSE SURROUNDING THE IMPACTS OF UNCONVENTIONAL NATURAL GAS AND OIL DEVELOPMENT USING HYDRAULIC DRILLING AND FRACTURING TECHNIQUES MORE COMMONLY KNOWN AS FRACKING ON LOCAL COMMUNITIES IN FRACTURED COMMUNITIES ANTHONY E LADD AND OTHER LEADING ENVIRONMENTAL SOCIOLOGISTS PRESENT A SET OF CRUCIAL CASE STUDIES ANALYZING THE DIFFERENTIAL RISK PERCEPTIONS SOCIO ENVIRONMENTAL IMPACTS AND MOBILIZATION OF CITIZEN PROTEST OR QUIESCENCE SURROUNDING UNCONVENTIONAL ENERGY DEVELOPMENT AND HYDRAULIC FRACKING IN A NUMBER OF KEY U S SHALE REGIONS FRACTURED COMMUNITIES REVEALS HOW THIS CONTESTED TERRAIN IS EXPANDING PUSHING THE ISSUE OF FRACKING INTO THE MAINSTREAM OF THE AMERICAN POLITICAL ARENA

GLAZING ON WHITE-WASHED TABLES / VITRALLS SOBRE TAULES DE VITRALLER

2016-06-08

EFFICIENT AUDITORY PROCESSING REQUIRES THE RAPID INTEGRATION OF TRANSIENT SENSORY INPUTS THIS IS EXEMPLIFIED IN HUMAN SPEECH PERCEPTION IN WHICH LONG STRETCHES OF A COMPLEX ACOUSTIC SIGNAL ARE TYPICALLY PROCESSED ACCURATELY AND ESSENTIALLY IN REAL TIME SPOKEN LANGUAGE THUS PRESENTS LISTENERS AUDITORY SYSTEMS WITH A CONSIDERABLE CHALLENGE EVEN WHEN ACOUSTIC INPUT IS CLEAR HOWEVER AUDITORY PROCESSING ABILITY IS FREQUENTLY COMPROMISED DUE TO CONGENITAL OR ACQUIRED HEARING LOSS OR ALTERED THROUGH BACKGROUND NOISE OR ASSISTIVE DEVICES SUCH AS COCHLEAR IMPLANTS HOW DOES LOSS OF SENSORY FIDELITY IMPACT NEURAL PROCESSING EFFICIENCY AND HEALTH HOW DOES THIS ULTIMATELY INFLUENCE BEHAVIOR THIS RESEARCH TOPIC EXPLORES THE NEURAL CONSEQUENCES OF HEARING LOSS INCLUDING BASIC PROCESSING CARRIED OUT IN THE AUDITORY PERIPHERY COMPUTATIONS IN SUBCORTICAL NUCLEI AND PRIMARY AUDITORY CORTEX AND HIGHER LEVEL COGNITIVE PROCESSES SUCH AS THOSE INVOLVED IN HUMAN SPEECH PERCEPTION BY PULLING TOGETHER DATA FROM A VARIETY OF DISCIPLINES AND PERSPECTIVES WE GAIN A MORE COMPLETE PICTURE OF THE ACUTE AND CHRONIC CONSEQUENCES OF HEARING LOSS FOR NEURAL FUNCTIONING

LIPOLYSACCHARIDES (LPSs)

1882

ALTERATIONS OF EPIGENETICS AND MICRORNAs IN CANCER AND CANCER STEM CELL

2018-03-23

HARMFUL ALGAL BLOOMS (HABs) IN LATIN AMERICA

2015-06-03

ARSENIC RESEARCH AND GLOBAL SUSTAINABILITY

ASTRONOMICAL AND METEOROLOGICAL OBSERVATIONS MADE DURING THE YEAR ... AT THE UNITED STATES NAVAL OBSERVATORY

FRACTURED COMMUNITIES

THE EFFECT OF HEARING LOSS ON NEURAL PROCESSING

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