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Helga L. George, PhD

Complete Portfolio of Science Articles

PRINT

Industrial Weigh and Measure

The Ripe Mysterious Avocado

ABC-CLIO Encyclopedia of Cultivated Plants

Ageratum
Basil
Kale
Larkspur
Magnolia
Pistachio
Purslane
Walnut

ARTICLES ONLINE

Dakotafire Media

Restoration Chestnut May Help Bring Iconic Trees Back to American Forests

DecodedPast.com

Potato Blight – The 19th Century Irish Famine and 21st Century Threat

Procelys Magazine (Procelys.com) (Ghostwritten)

Key challenges in Bio-Agriculture fermentation
Nitrogen for *Bacillus thuringiensis*, *Bradyrhizobium japonicum* and *Bacillus amyloliquefaciens*
How Can Biotechnology Meet the Challenges of Sustainable Agriculture?

***GardenersPath.com* (selected)**

Prevent Fungicide Resistance with a Rotation Plan
What is Citrus Greening?
How to Identify and Control Walnut Husk Flies

Using Organic Methods to Control the Spotted Wing Drosophila
How to Use Bacillus Thuringiensis (BT) to Control Insect Pests

Soil Inoculants

The Benefits of Using Soil Inoculants and Microbes in the Garden
How to Use Streptomyces lydicus to Control Fungal Plant Diseases
Trichoderma Improves Plant Growth and Kills Fungal Pathogens
Controlling Plant Pathogens with the Biofungicide Bacillus subtilis
Controlling Pathogens with Organic Control Agent Bacillus amyloliquefaciens

MattressNerd.com (selected)

What is a Circadian Rhythm?
What is Sleep Hygiene?
Taking Melatonin for sleep?

Suite101.com (now on *PlantsRule.com*)

Biotrophic Versus Necrotrophic Fungi
Citizen Scientists Tabulate the Numbers of Vanishing Bees
Chrysanthemum White Rust Outbreak in Southern California
Domoic Acid Poisoning in Sea Lions
Fungal Haustoria Absorb Nutrients from Living Plant Cells
Insects that Make Cyanide
Plants Produce Chemicals as a Defense Against Pathogens
Polyphenol Oxidase Causes Browning of Fruits and Vegetables
Streptomyces, Antibiotics, and Microbial Conflict in the Soil
The Gene-for-gene Concept: a Central Tenet in Plant Pathology
Wheat Rust Threatens World's Wheat Crops

wiseGEEK.com

Science and Engineering

In Botany, What is Apomixis?
What are Indoleamines?
What are Phosphorylation Sites?
What are Plastids?
What are Polychlorinated Biphenyls?
What are Recombinant Bacteria?
What are Stereoisomers?
What are Trihalomethanes?
What are the Different Acid Rain Causes?
What are the Properties of Magnesium?
What are the Properties of Sulfur?
What is a Custom Peptide?
What is a Cyclic Peptide?
What is a Molecular Weight Marker?
What is a Peptide Antigen?
What is a Peptidomimetic?
What is a Recombinant Plasmid?
What is a Synthetic Peptide?
What is Alkylation?
What is Aluminum Silicate?
What is Ammonia Synthesis?
What is an Actin Antibody?
What is an Endopeptidase?
What is an Oligonucleotide?
What is Butyric Acid?

What is Chlorine Gas?
What is Delignification?
What is Dimethyl Ether?
What is Hygroymcin B?
What is Isoleucine?
What is Isopentane?
What is Leupeptin?
What is Magnesium Sulfate?
What is Perchloric Acid?
What is Propylene?
What is Recombinant Cloning?
What is Recombinant Human Protein?
What is Recombinant Protein Purification?
What is Rhamnose?
What is Sodium Silicate?
What is Spirillum?
What is the Isoelectric Point?
What is Trehalose?
What is Ultraviolet Irradiation?
What is Vegetable Glycerin?

Health and Wellness

How do I Test Leptin Levels?
What are Carbapenems?
What are Normal Triglyceride Levels?
What is a Hematocrit Test?
What is a Low Density Lipoprotein Receptor?
What is a Sterol?
What is Albuminuria?
What is Alkaline Phosphatase?
What is an Anticholinesterase?
What is an Influenza Antigen?
What is Anaplasmosis?
What is Aspartate Aminotransferase?
What is Aspergillus niger?
What is Bacteriocin?
What is Bacteriuria?
What is Campesterol?
What is Carboxyhemoglobin?
What is Cellulase?
What is Ceruloplasmin?
What is Colorado Tick Fever?
What is Elevated Creatinine Levels?
What is Fasting Plasma Glucose?
What is Ferritin?
What is Fructosamine?
What is Fucidin Ointment?
What is Gliadin?
What is Glucose Management?
What is Klebsiella oxytoca?
What is MalonylCoA
What is Pneumococcal Disease?
What is Pseudomonas putida?
What is River Blindness?
What is Salivary Cortisol?
What is Tetanus Toxoid?
What is the Connection Between Phenylalanine and Tyrosine?
What is Transaminase?

What is Yellow Fever Vaccination?
What is the HIV Antigen?
What Should I Expect During Retinopathy Screening?

Medicine and Treatments

What are Biguanides?
What are Monoamine Oxidase Inhibitors?
What are Neuraminidase Inhibitors?
What are Xanthines?
What is a Blood Sugar Meter?
What is a Nicotine Vaccine?
What is Actinomycin?
What is an Amyloid Precursor Protein?
What is an Integrase Inhibitor?
What is Artesunate?
What is Biphosphonate Therapy?
What is Chloroquine?
What is Drug Metabolism?
What is Fenretidine?
What is Galantamine Hydrobromide?
What is Glyburide?
What is Hirudin?
What is Physostigmine?
What is the Difference Between Oxycodone and Morphine?
What is the Hemoglobin a1c Test?
What is Ursodeoxycholic Acid?

Anatomy and Physiology

What are Caspase Inhibitors?
What are Cytochromes?
What are Eicosanoids?
What are Leptin Receptors?
What are Polysaccharides?
What is a Carboxypeptidase?
What is a Cardiolipin?
What is a Deoxyribonuclease?
What is a Desmin?
What is a Phosphodiesterase?
What is an Amyloid Precursor Protein?
What is an Endorphin?
What is an Opsin?
What is Adenoside Diphosphate?
What is Alpha-lactalbumin?
What is Apoptosis Inducing Factor?
What is Calmodulin?
What is Carbonic Anhydrase?
What is Carboxypeptidase?
What is Caspase Activity?
What is Cathepsin K?
What is Chymotrypsin?
What is Creatine Phosphate?
What is Cyclooxygenase?
What is Dystrophin?
What is Fatty Acid Synthase?
What is Glutathione Peroxidase?
What is Glutathione Reductase?
What is Glutathione S-Transferase?
What is Glycogen Phosphorylase

What is Glycogenolysis?
What is Lactoferrin?
What is Lactoperoxidase?
What is Lysozyme?
What is Oxyhemoglobin?
What is Pancreatic Elastase?
What is Pepsin?
What is Protease?
What is Ptyalin?
What is Rhodopsin?
What is Substance P?
What is the Cytosol?
What is the Ubiquitination Pathway?
What is Thymidilate Synthase?
What is Trypsin?

Diet, Fitness, and Nutrition

What are Digestive Enzymes?
What are Saponins?
What are the Benefits of Melatonin Tea?
What is a Pectinase?
What is Alpha Amylase?
What is Alpha-galactosidase?
What is Amygdalin?
What is Amylopectin?
What is Apigenin?
What is Chlorogenic Acid?
What is Chrysin?
What is Daidzein?
What is Epigallocatechin-3-gallate?
What is Formononetin?
What is Gallic Acid?
What is Genisten?
What is Isothiocyanate?
What is Kaempferol?
What is Linoleic Acid?
What is Myristic Acid?
What is Oat Beta Glucan?
What is Phaseolamin?
What is Xylanase?

Miscellaneous

What are the Different Effects of Acid Rain?

Adult Education and Training

What is a Biochemistry Laboratory?