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design of experiments wikipedia Oct 22 2019 web the design of experiments doe dox or experimental design is the design of any task that aims to describe and explain the variation of information under conditions that are hypothesized to reflect the variation the term is generally associated with experiments in which the design introduces conditions that directly affect the variation but may also refer

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american chemical society wikipedia Sep 01 2020 web the american chemical society acs is a scientific society based in the united states that supports scientific inquiry in the field of chemistry founded in 1876 at new york university the acs currently has more than 155 000 members at all degree levels and in all fields of chemistry chemical engineering and related fields it is one of the world s

environmental engineering wikipedia Aug 12 2021 web environmental engineering is a professional engineering discipline that encompasses broad scientific topics like chemistry biology ecology geology hydraulics hydrology microbiology and mathematics to create solutions that will protect and also improve the health of living organisms and improve the quality of the environment environmental

a transcriptional regulator that boosts grain yields and shortens Jun 17 2019 web osdreb1c is localized in the nucleus and the cytosol and functions as a transcriptional activator that directly binds to cis elements in the dna including dehydration responsive element dre c repeat crt gcc and g boxes chromatin immunoprecipitation sequencing chip seq and transcriptomic analyses identified a total of 9735 putative

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as mademoiselle maupin or la maupin was a 17th century french opera singer little is known for certain about her life her tumultuous career and flamboyant lifestyle were the subject of gossip rumor and colourful stories in her own time and inspired numerous fictional and semi fictional portrayals

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biosensor wikipedia Jun 29 2020 web a biosensor is an analytical device used for the detection of a chemical substance that combines a biological component with a physicochemical detector the sensitive biological element e g tissue microorganisms organelles cell receptors enzymes antibodies nucleic acids etc is a biologically derived material or biomimetic component that

the evolution evolvability and engineering of gene regulatory dna May 09 2021 web mar 09 2022 a framework for studying and engineering gene regulatory dna sequences based on deep neural sequence to expression models trained on large scale libraries of random dna provides insight into the

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