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11% Efficient Perovskite Solar Cell Based on ZnO Nanorods

Measurement of antioxidant activity using biologically relevant assays is important in the screening of fruits for potential health benefits. The cellular antioxidant activity (CAA) assay quantifies antioxidant activity in cell culture and was developed to meet the need for a more biologically representative method than the popular chemistry antioxidant capacity measures.

Cellular Antioxidant Activity of Common Fruits - Journal

Abiogenesis, or informally the origin of life, is the natural process by which life arises from non-living matter, such as simple organic compounds. The transition from non-living to living entities was not a single event, but a gradual process of increasing complexity that involved molecular self-replication, self-assembly, autocatalysis and cell membranes.

Abiogenesis - Wikipedia

The periodic table, or periodic table of elements, is a tabular arrangement of the chemical elements, arranged by atomic number, electron configuration, and recurring chemical properties, whose structure shows periodic trends. The seven rows of the table, called periods, generally have metals on the left and non-metals on the right. The columns, called groups, contain elements with similar ...

Periodic table - Wikipedia

Phosphorescent metal complexes and parameters which determine phosphorescence quantum yield. $\text{Rigidification enhances phosphorescence of metal complexes.}$

Aggregation induced phosphorescence of metal complexes

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