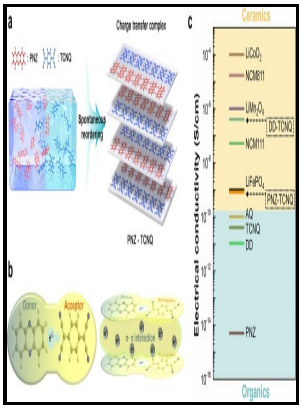
Electron-transfer properties of polynuclear complexes.

University of East Anglia - Interplay of electron exchange and electron transfer in metal polynuclear complexes in proteins or chemical models



Description: -
-Electron-transfer properties of polynuclear complexes.
-Electron-transfer properties of polynuclear complexes.
Notes: Thesis (Ph.D.), University of East Anglia, School of Chemical Sciences, 1986.
This edition was published in 1986

Tags: #6.5: #Organometallic #Chemistry #of #d #Block #Metals #(Part #2)

Photoinduced electron and energy transfer in polynuclear complexes

Inorganic Chemistry 2009, 48 21 , 10036-10048.

Polynuclear Compounds

The Journal of Physical Chemistry 1996, 100 21 , 8712-8721. The octahedral metal frameworks were shown by X-ray structure analysis more than 50 years ago. Inorganic Chemistry 2009, 48 24 , 11755-11766.

Polynuclear complexes

At 25 K, the B-site Fe ions stay at the crystallographically identical sites in the unit cell as in the case of the RT room temperature structure. The related magneto-structural analyses suggest that Mn 25 clusters are the best examples of SMMs.

Sequential Energy and Electron Transfer in Polynuclear Complex Sensitized TiO_2 Nanoparticles

Electron transfer in mixed-valence, oxo-centered, trinuclear iron acetate complexes: effect of statically disordered to dynamically disordered transformation in the solid state.

Polynuclear complexes

Analytical and Bioanalytical Chemistry 2018, 410 14 , 3253-3264.

An inorganic molecule

Besides this, the electronic coupling between the metal ion centers stabilizes the positive charge within the trinuclear complex, which results in a slow charge recombination reaction. Article Views are the COUNTER-compliant sum of full text article downloads since November 2008 both

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6.5: Organometallic Chemistry of d Block Metals (Part 2)

In these complexes, each deprotonated dianionic ligand L 2- acts as a mu 2 -bridged ligand to coordinate two Mn centers via the 1,2,4-triazole ring. Complex III The third complex is composed of cytochrome b, another Fe-S protein, Rieske center 2Fe-2S center , and cytochrome c proteins; this complex is also called cytochrome oxidoreductase. Electronic Localization versus Delocalization Determined by the Binding of the Linker in an Isomer Pair.

Temperature dependence of spherical electron transfer in a nanosized [Fe 14] complex

However, intermetallic electron transfer-mediated through bridging ligands are normally weak; thus, properties related to confined electron transfer processes in discrete nanosized complexes have remained hypothetical thus far ,.

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