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### **Electrodialysis for water desalination: A critical**

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### **2 Fundamentals of Radiation Safety and Protection**

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### **Electron - Wikipedia**

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### **Electron beam-induced deposition - Wikipedia**

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Nanotechnology encompasses the understanding of the fundamental physics, chemistry, biology and technology of nanometre-scale objects.

## **Nanotechnology - IOPscience**

1. Introduction. Due to the discharge of large amounts of metal-contaminated wastewater, industries bearing heavy metals, such as Cd, Cr, Cu, Ni, As, Pb, and Zn, are the most hazardous among the chemical-intensive industries.

## **New trends in removing heavy metals from industrial**

Abstract. In this work, we have developed a novel nanocomposite via deposition of ceria ( $\text{CeO}_2$ ) on nitrogen-doped reduced graphene ( $\text{CeO}_2/\text{NRGO}$ ). NRGO was synthesized through a facile, safe, and scalable method to achieve simultaneous thermal reduction along with nitrogen doping of graphene oxide (GO) in air at much lower reaction temperature.

## **A novel high-performance supercapacitor based on high**

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## **Drinking Water Chlorination: A Review of Disinfection**

Abstract A review and evaluation of the role of internal oxidation in the oxidation of alloys is presented and five alloy types represented by Ag-In, Cu-Be, Ni-Cr, Nb-Zr and Cu-Zn-Al are considered in detail. Internal oxidation is a diffusion-controlled process for which the kinetics may be predicted from solutions of the diffusion equation.

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