

Possible Term Paper Topics

- Bystander effects
- HZE bystander effects
- RBE of low energy x rays
- Depleted uranium
- Food irradiation
- Radioimmunotherapy
- Risks of Low Level Ionizing Radiation
- Radiocarbon-dating
- Hormesis
- The age of the earth
- The use and safety of radioisotope thermoelectric generators (RTGs)
- DSBs and radiation quality
- Adaptive response and the bystander effect
- *Deinococcus radiodurans*
- Neutron Detection and Dosimetry
- Radiation Risk from Airline Travel
- Consequences of Cosmic Radiation for Space Travel
- Radionuclide Imaging: SPECT
- Chromosomal Aberrations as Biological Dosimeters
- Criticality Accident at Los Alamos
- Chernobyl: What Happened?
- Positron Emission Tomography
- Health Consequences of the Chernobyl Accident
- Dose Associated with the Nuclear Fuel Cycle
- Neutron Capture Therapy
- Vascular endothelium as the radiation target in normal tissue damage