

A GLIMPSE OF TRANSURANIC RADIOACTIVE ELEMENTS

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The discovery of the phenomenon of radioactivity provided an important means in detecting the existence of a specific kind of materials, namely, the radioactive elements, some of which sometimes can occur naturally or can be artificially synthesized. Originally, the total number of naturally occurring elements in Mendeleev's periodic table was 92 ending with uranium, but by 2016, with the syntheses of the new transuranic radioactive elements, the total number of elements has been increased to 118. All these 118 elements, thirty-seven of which are radioactive, have been appropriately accommodated in the modern periodic table, as extended by Glenn Seaborg. Occurrences and syntheses of all the natural and artificial radioactive elements in the periodic table, have been briefly discussed.
