

PREMIS NOBEL 1901-1915

QUÍMICA

FÍSICA

1901	 <p>VAN 'T HOFF, Jacobus Henricus (1852-1911)</p> <p><i>In recognition of the extraordinary services he has rendered by the discovery of the laws of chemical dynamics and osmotic pressure in solutions.</i></p>	 <p>RÖNTGEN, Wilhelm Conrad (1845-1923)</p> <p><i>In recognition of the extraordinary services he has rendered by the discovery of the remarkable rays subsequently named after him.</i></p>
1902	 <p>FISCHER, Hermann Emil (1852-1919)</p> <p><i>In recognition of the extraordinary services he has rendered by his work on sugar and purine syntheses.</i></p>	 <p>LORENTZ, Hendrik Antoon (1853-1928)</p>  <p>ZEEMAN, Pieter (1865-1943)</p> <p><i>In recognition of the extraordinary service they rendered by their researches into the influence of magnetism upon radiation phenomena.</i></p>
1903	 <p>ARRHENIUS, Svante August (1859-1927)</p> <p><i>In recognition of the extraordinary services he has rendered to the advancement of chemistry by his electrolytic theory of dissociation.</i></p>	 <p>BECQUEREL, Antoine Henri (1852-1908)</p>  <p>CURIE, Pierre (1859-1906)</p>  <p>CURIE, Marie (1867-1934)</p> <p><i>In recognition of the extraordinary services he has rendered by his discovery of spontaneous radioactivity.</i> <i>In recognition of the extraordinary services they have rendered by their joint researches on the radiation phenomena discovered by Professor Henri Becquerel.</i></p>
1904	 <p>RAMSAY, Sir William (1852-1916)</p> <p><i>In recognition of his services in the discovery of the inert gaseous elements in air, and his determination of their place in the periodic system.</i></p>	 <p>LORD RAYLEIGH (STRUTT, John William) (1842-1919)</p> <p><i>For his investigations of the densities of the most important gases and for his discovery of argon in connection with these studies.</i></p>
1905	 <p>VON BAEYER, J. F. W. Adolf (1835-1917)</p> <p><i>In recognition of his services in the advancement of organic chemistry and the chemical industry, through his work on organic dyes and hydroaromatic compounds.</i></p>	 <p>LENARD, Philipp Eduard (1862-1947)</p> <p><i>For his work on cathode rays.</i></p>
1906	 <p>MOISSAN, Henri (1852-1917)</p> <p><i>In recognition of the great services rendered by him in his investigation and isolation of the element fluorine, and for the adoption in the service of science of the electric furnace called after him.</i></p>	 <p>THOMSON, Joseph John (1856-1940)</p> <p><i>In recognition of the great merits of his theoretical and experimental investigations on the conduction of electricity by gases.</i></p>
1907	 <p>BUCHNER, Eduard (1860-1917)</p> <p><i>For his biochemical researches and his discovery of cell-free fermentation.</i></p>	 <p>MICHELSOON, Albert Abraham (1852-1931)</p> <p><i>For his optical precision instruments and the spectroscopic and metrological investigations carried out with their aid.</i></p>
1908	 <p>RUTHERFORD, Ernest (1871-1937)</p> <p><i>For his investigations into the disintegration of the elements, and the chemistry of radioactive substances.</i></p>	 <p>LIPPMANN, Gabriel (1845-1921)</p> <p><i>For his method of reproducing colours photographically based on the phenomenon of interference.</i></p>
1909	 <p>OSTWALD, Wilhelm (1853-1932)</p> <p><i>In recognition of his work on catalysis and for his investigations into the fundamental principles governing chemical equilibria and rates of reaction.</i></p>	 <p>BRAUN, Karl Ferdinand (1850-1918)</p>  <p>MARCONI, Guglielmo (1874-1937)</p> <p><i>In recognition of their contributions to the development of wireless telegraphy.</i></p>
1910	 <p>WALLACH, Otto (1847-1931)</p> <p><i>In recognition of his services to organic chemistry and the chemical industry by his pioneer work in the field of alicyclic compounds.</i></p>	 <p>VAN DER WAALS, Johannes Diderik (1837-1923)</p> <p><i>For his work on the equation of state for gases and liquids.</i></p>
1911	 <p>CURIE, Marie Née SKŁODOWSKA (1867-1934)</p> <p><i>In recognition of her services to the advancement of chemistry by the discovery of the elements radium and polonium, by the isolation of radium and the study of the nature and compounds of this remarkable element.</i></p>	 <p>WIEN, Wilhelm (1864-1928)</p> <p><i>For his discoveries regarding the laws governing the radiation of heat.</i></p>
1912	 <p>GRIGNARD, Victor (1871-1935)</p>  <p>SABATIER, Paul (1854-1941)</p> <p><i>For his method of hydrogenating organic compounds in the presence of finely disintegrated metals whereby the progress of organic chemistry has been greatly advanced in recent years.</i> <i>For the discovery of the so-called Grignard reagent, which in recent years has greatly advanced the progress of organic chemistry.</i></p>	 <p>DALEN, Nils Gustaf (1869-1937)</p> <p><i>For his invention of automatic regulators for use in conjunction with gas accumulators for illuminating lighthouses and buoys.</i></p>
1913	 <p>WERNER, Alfred (1866-1919)</p> <p><i>In recognition of his work on the linkage of atoms in molecules by which he has thrown new light on earlier investigations and opened up new fields of research especially in inorganic chemistry.</i></p>	 <p>KAMERLINGH ONNES, Heike (1853-1926)</p> <p><i>For his investigations on the properties of matter at low temperatures which led, inter alia, to the production of liquid helium.</i></p>
1914	 <p>RICHARDS, Theodore William (1868-1928)</p> <p><i>In recognition of his accurate determinations of the atomic weight of a large number of chemical elements.</i></p>	 <p>VON LAUE, Max (1879-1960)</p> <p><i>For his discovery of the diffraction of X-rays by crystals.</i></p>
1915	 <p>WILLSTÄTTER, Richard Martin (1872-1942)</p> <p><i>For his researches on plant pigments, especially chlorophyll.</i></p>	 <p>BRAGG, Sir William Henry (1862-1942)</p>  <p>BRAGG, William Laurence (1890-1971)</p> <p><i>For their services in the analysis of crystal structure by means of X-rays.</i></p>