

Chemistry

Hydrogen is the smallest and most abundant element in the universe

Imagine, a person plugs in an appliance, dips it into a flask of water and all over the house the light bulbs turn on, the electric stove and the washing machine work. And as a result of the appliance's work, the waste is water, which tomorrow can be used again. Fantastic? Not really. Scientists in the world's laboratories are working on alternative fuels. And hydrogen fuel is one of the most promising in this regard.

STEM heroines: ten foreign women scientists

International Women's Day encourages us to explore not only our domestic experience, but also the contribution of foreign women in the development of science. Let us be inspired by the example of 10 outstanding scientists, add unknown names to our knowledge and fight against stereotypes.

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Nonmetals. Physical and chemical properties

Nonmetals are substances that have nonmetallic properties and are in the upper right corner of the Mendeleev table. The discovery of nonmetals was relatively recent, unlike metals, which have long been known to man. Currently, 22 nonmetallic elements have been discovered.