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chemistry: Most of the materials that occur on Earth, such as wood, coal, minerals, or air, are mixtures of many different and distinct chemical substances. Each pure chemical substance (e.g., oxygen, iron, or water) has a characteristic set of properties that gives it its chemical identity. Iron, for example, is a common silver-white

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metal that melts at ...

Chemistry - Analytical chemistry | Britannica

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Physical Chemistry - American Chemical Society

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Fundamentally, chemistry is the study of matter and change. The way that chemists study matter and change and

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the types of systems that are studied varies dramatically. Traditionally, chemistry has been broken into five main subdisciplines: Organic, Analytical, Physical, Inorganic, and Biochemistry. Over the last several years, additional ...

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Analytical chemistry - Wikipedia

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Physical/Analytical - Temple University Department of ...

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phenomena in chemical systems in terms of the principles, practices, and concepts of physics such as motion, energy, force, time, thermodynamics, quantum chemistry, statistical mechanics, analytical dynamics and chemical equilibrium.

Physical chemistry - Wikipedia

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Physical chemists endeavor to explain chemical systems with all of their diversity and complexity using powerful and elegant models that often rest on molecular-level understanding. State-of-the-art experimental and computational facilities support cutting-edge research by more than fifteen groups at Ohio State. Researchers in the physical

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division study phenomena that take place in chemical ...

Physical Chemistry | Department of Chemistry and Biochemistry

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