



## Introduction to Surface Chemistry and Catalysis (Hardback)

By Gabor A. Somorjai, Yimin Li

John Wiley and Sons Ltd, United States, 2010. Hardback. Book Condition: New. 2nd Revised edition. 249 x 180 mm. Language: English . Brand New Book. The newest edition of this textbook emphasizes modern surface chemistry and catalysis concepts uncovered by breakthrough molecular level-studies of surfaces over the past three decades. This resource also serves as a reference for properties of surfaces and interfaces. For students, the text presents the basic concepts in various properties of surfaces such as structure, thermodynamics, dynamics, electronic properties, and chemical bonds on surfaces. For advanced readers, it covers recent developments in in-situ surface analysis such as high pressure scanning tunneling microscopy, ambient pressure X-ray photoelectron spectroscopy, and sum frequency generation vibrational spectroscopy (SFG).

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