

CONTENTS

Preface		vii
Chapter 1	Selected Physico-Chemical Properties of Several Alkanes <i>Alena Randová and Lidmila Bartovská</i>	1
Chapter 2	Upgrading Long Chain <i>n</i> -Alkanes from Fischer- Tropsch Process Using Heterogeneous Catalysts: Past, Present and Future Trends <i>Angela Martins and Nelson Nunes</i>	43
Chapter 3	Catalytic Oxidation of Alkanes to High-Added- Value Products: The Role of C-Scorpionate Metal Complexes <i>Luísa Margarida Martins</i>	69
Chapter 4	Recent Trends in the Selective Halogenation of Unactivated C–H Bonds <i>Ana M. M. M. Faisca Phillips and Armando J. L. Pombeiro</i>	93
Chapter 5	Sources of Alkane Pollution in Aquatic Bodies, Their Bioremediation and Restoration Strategies <i>Almas T. Awan, Naheed Bibi and Leidy R. Niño</i>	177

About The Editor	199
Index	201
Related Nova Publications	205