

CONTENTS

INTRODUCTION AND OVERVIEW	i-xviii
FRAMEWORK AND METHODOLOGY	
<i>Chapter 1</i> Theoretical and Empirical Bases of Scientometrics	1-6
<i>Chapter 2</i> Measurement of Scientific Productivity	7-24
<i>Chapter 3</i> Choice of Data Source	25-32
<i>Chapter 4</i> Methodology	33-55
ANALYSIS OF RESEARCH PROFILES	
<i>Chapter 5</i> Major Fields	57-113
<i>Chapter 6</i> Physics	115-162
<i>Chapter 7</i> Chemistry	163-210
<i>Chapter 8</i> Mathematics	211-238
<i>Chapter 9</i> Earth and Space Sciences	239-271
<i>Chapter 10</i> Engineering	273-307
<i>Chapter 11</i> Life Sciences	309-341
<i>Chapter 12</i> Agriculture	343-367
<i>Chapter 13</i> Medical Sciences	369-393
APPENDIX	
<i>List of Institutions</i>	395-401