

TABLE OF CONTENTS

Volume 5

Foreword xv

Preface xxi

<i>date</i>	<i>page</i>	
5 Jan 81	1	The ASIS Outstanding Information Science Teacher Award: F. Wilfrid Lancaster Is the First Winner
12 Jan 81	4	Library of the Hungarian Academy of Sciences Builds Computerized Information Services on ISI's Data Base
19 Jan 81	7	Discipline-Oriented Citation Indexes & Data Bases—Bridging the Interdisciplinary Gap via Multidisciplinary Input
26 Jan 81	11	ISI's On-Line System Makes Searching So Easy Even a Scientist Can Do It: Introducing METADEX Automatic Indexing & ISI/BIOMED SEARCH
2 Feb 81	15	Fine Art Enhances ISI's New Building: A Ceramic Mural by Guillermo Wagner Granizo and a Sgraffito Mural by Joseph Slawinski
9 Feb 81	20	All About Ice Cream: Or, Confessions of an Ice Cream Addict
16 Feb 81	26	What's in a Surname?
23 Feb 81	31	Automatic Indexing and the Linguistics Connection
2 Mar 81	39	Catching the Wind. Part 1. Sailing
9 Mar 81	45	Catching the Wind. Part 2. Boardsailing
16 Mar 81	52	Introducing <i>Discovery</i> , Time Inc.'s Monthly Newsmagazine of Science
23 Mar 81	57	Death Be Not Proud—Meeting the Needs of the Dying through Thanatology
30 Mar 81	66	Indoor Pollution: Why Environmental Protection May Also Be an Inside Job
6 Apr 81	72	"How Do You Do It? Write All Those Essays, I Mean "
13 Apr 81	75	Alcohol: Are the Benefits Worth the Risks?
20 Apr 81	84	<i>New Scientist</i> : Science with a Sense of Humor
27 Apr 81	91	The Einstein Centennial and Citation Analysis
4 May 81	96	The 1981 NAS James Murray Luck Award for Excellence in Scientific Reviewing: John S. Chipman Receives Third Award for His Reviews in Economics

Contents

<i>date</i>	page	
11 May 81	100	What Do We Know about Depression? Part 1: Etiology
18 May 81	108	What Do We Know about Depression? Part 2: Diagnosis and Treatment
25 May 81	116	<i>Scientific American</i> —136 Years of Science Journalism
1 June 81	123	<i>Citation Classics</i> —Four Years of the Human Side of Science
8 June 81	135	Grants from ISI: Help for Small and Inadequately Financed Libraries.
15 June 81	138	Senility: A Major Health Problem in Need of a Solution
22 June 81	143	Herpes Simplex Virus Infections. Part 1. How Widespread They Are, and Who Is Most Threatened
29 June 81	150	Herpes Simplex Virus Infections. Part 2. Sexually Transmitted Diseases without a Cure
6 July 81	157	What Do We Know about Depression? Part 3: Children and Adolescents
13 July 81	164	Huichol Mythology and Culture. Part 1. World's Largest Yarn Painting Is Latest in Series of ISI-Commissioned Artworks
20 July 81	171	Huichol Mythology and Culture. Part 2. Can the Huichols Absorb Modern Technology and Retain Their Traditions?
27 July 81	178	English vs. Spanish vs. French vs. . . . The Problem of Bilingualism
3 Aug 81	189	The 1980 Nobel Prizewinners
10 Aug 81	202	ISI's Lecture-Seminar Program Can Help You and Your Students Optimize Literature Searching
17 Aug 81	207	Works of Art at ISI: Jennifer Bartlett's "In the Garden" and "Interpenetration" by Handel Evans
24 Aug 81	213	Introducing <i>ISI/ISTP&B (Index to Scientific & Technical Proceedings & Books)</i> —Online Access to the Conference Literature and Multi-Authored Books
31 Aug 81	218	<i>Science Digest</i> —New Look, New Personality
7 Sept 81	222	Medical Genetics: The New Preventive Medicine
14 Sept 81	238	Aspirin: Headache or Health Promoter?
21 Sept 81	247	To Put It Baldly: Treatment of Hair Loss Is a Losing Proposition
28 Sept 81	253	<i>Science</i> : 101 Years of Publication of High Impact Science Journalism
5 Oct 81	261	<i>Nature</i> : 112 Years of Continuous Publication of High Impact Research and Science Journalism
12 Oct 81	269	The 1,000 Contemporary Scientists Most-Cited 1965-1978. Part 1. The Basic List and Introduction
19 Oct 81	279	Introducing the <i>ISI Atlas of Science: Biochemistry and Molecular Biology, 1978/80</i>
26 Oct 81	288	Another Look at ISI's Master Dictionary—Aiding Scientific Etymology and Reflecting Changes in Science
2 Nov 81	296	A Tribute to R. Buckminster Fuller—Inventor, Philosopher

Contents

<i>date</i>	page	
9 Nov 81	308	Introducing <i>Current Controversy</i> —Reviewing and Digesting the Popular and Scholarly Press
16 Nov 81	313	To Fast or Not Too Much Fast. Part 1. The Claims for Fasting in the Popular Literature
23 Nov 81	320	To Fast or Not Too Much Fast. Part 2. A Controversial Question Gets Some Scientific Answers
30 Nov 81	327	A Swan Song for IBRS
7 Dec 81	331	The ASIS Outstanding Information Science Teacher Award: Pauline Atherton Cochrane Wins the Second Award
14 Dec 81	335	Will Advertising Change Current Contents?—Yes and No
21 Dec 81	337	The Economic Impact of Research and Development
28 Dec 81	348	ISI “World Brain” by Gavriel Liebermann: The World’s First Holographic Engraving
4 Jan 82	355	You’re Invited to Historic Philadelphia for the Tercentennial
11 Jan 82	364	Acne Vulgaris—The Adolescent’s Albatross
18 Jan 82	373	Journal Citation Studies. 34. The Literature of Dental Science vs. the Literature Used by Dental Researchers
25 Jan 82	380	On the 25th Anniversary of <i>Current Contents/Life Sciences</i> We Look Forward to the Electronic Online Microcomputing Era
1 Feb 82	387	The Legacy of Albert C. Barnes. Part 1. The Tempestuous Life of a Scientist/Art Collector
8 Feb 82	395	Of Beggars, Bagladies, and Bums
15 Feb 82	406	Autism: Few Answers for a Baffling Disease
22 Feb 82	417	In Tribute to V. V. Nalimov: Renaissance Scholar and Scientometrician Par Excellence
1 Mar 82	428	The 1,000 Most-Cited Contemporary Authors. Part 2A. Details on Authors in the Physical and Chemical Sciences and Some Comments about Nobels and Academy Memberships
8 Mar 82	437	ISI/CompuMath, Multidisciplinary Coverage of Applied and Pure Mathematics, Statistics, and Computer Science, in Print and/or Online—Take your Pick!
15 Mar 82	443	The Philadelphia Transit Story Continued—How We All Worked Together to Improve Our Subway Station
22 Mar 82	455	The Legacy of Albert C. Barnes. Part 2. The Barnes Foundation
29 Mar 82	464	Journal Citation Studies. 35. Veterinary Journals: What They Cite and Vice Versa
5 Apr 82	473	Computer-Aided Historiography—How ISI Uses Cluster Tracking to Monitor the “Vital Signs” of Science
12 Apr 82	484	Journal Citation Studies. 36. Pure and Applied Mathematics Journals: What They Cite and Vice Versa
19 Apr 82	493	Introducing the ISI Representatives—Two Way Communicators Who Help Us Monitor the User’s Needs
26 Apr 82	498	Why Aren’t There More Women in Science?

Contents

<i>date</i>	page	
3 May 82	506	The 1982 NAS Fourth J.M. Luck Award for Excellence in Scientific Reviewing Goes to Victor McKusick for His Mapping of the Literature in Human Genetics
10 May 82	511	J.D. Bernal—The Sage of Cambridge. 4S Award Memorializes His Contributions to the Social Studies of Science
17 May 82	524	Is Research on Trichomoniasis Commensurate with the Prevalence of This STD?
24 May 82	533	The 1,000 Most-Cited Contemporary Authors. Part 2B. Details on Authors in Biochemistry, Biophysics, Cell Biology, Enzymology, Genetics, Molecular Biology, and Plant Sciences
31 May 82	542	The 1,000 Most-Cited Contemporary Authors. Part 2C. Details on Authors in Hematology, Histology, Immunology, Microbiology, Physiology, and Virology
7 June 82	551	Were the 1981 Nobel Prizewinners in Science, Economics, and Literature Anticipated by Citation Analysis?
14 June 82	562	The 1,000 Most-Cited Contemporary Authors. Part 2D. Details on Authors in Cardiology, Endocrinology, Gastroenterology, Nephrology, Neurobiology, Neurology, Neuropharmacology, Nuclear Medicine, Oncology, Pathology, Pharmacology, Psychiatry, and Surgery
21 June 82	571	ISI Custom Search and Research Services, Small and large, Serve an International Clientele
28 June 82	575	The 1979 Articles Most Cited from 1979 to 1981. 1. Life Sciences
5 July 82	591	The 1,000 Most-Cited Contemporary Scientists. Part 3. Details on Their Current Institutional Affiliations
12 July 82	607	Introducing <i>ISI/GeoSciTech</i> and the <i>GeoSciTech Index</i> —the 50 Most-Active Research Fronts in 1981 in the Earth Sciences Illustrate the Unique Retrieval Capabilities of Our New Online and Print Services
19 July 82	615	A Tribute to Hilary Koprowski: Scientist, Musician, and Friend
26 July 82	621	More on the Ethics of Scientific Publication: Abuses of Authorship Attribution and Citation Amnesia Undermine the Reward System of Science
2 Aug 82	627	To Remember Sir Hans Krebs: Nobelist, Friend, and Adviser
9 Aug 82	634	The 1979 Articles Most Cited from 1979 to 1981. 2. Physical Sciences
16 Aug 82	643	Risk Analysis, Part 1. How We Rate the Risks of New Technologies
23 Aug 82	652	Putting Your Best Face Forward: The Social Psychology of Physical Attractiveness
30 Aug 82	659	Risk Analysis, Part 2. How We Evaluate the Health Risks of Toxic Substances in the Environment
6 Sept 82	666	The 200 "Pure" Mathematicians Most Cited in 1978 and 1979, Including a List of Most-Cited Publications for the Top 100

Contents

<i>date</i>	page	
13 Sept 82	676	Patient Compliance: A Multifaceted Problem with No Easy Solution
20 Sept 82	686	Since 1816 the John Scott and Other Philadelphia Awards Have Recognized "Useful" Scientific Discoveries—James Black and Benjamin Rubin Head a List of Recent Distinguished Recipients
27 Sept 82	695	ISI's "New" <i>Index to Scientific Reviews (ISR)</i> : Applying Research Front Specialty Searching to the Retrieval of the Review Literature
4 Oct 82	703	Benjamin Franklin—Philadelphia's Scientist
11 Oct 82	711	Journal Citation Studies. 37. Using Citation Analysis to Study the Neuroscience Journals
18 Oct 82	721	A Tribute to Carl Djerassi: Reflections on a Remarkable Scientific Entrepreneur
25 Oct 82	731	William D. McElroy and the Illuminating Story of Bioluminescence
1 Nov 82	742	Halitosis, the Silent Affliction: A Profile of Bad-Breath Research
8 Nov 82	749	Is Public Confidence in Science Declining?
15 Nov 82	758	Data from <i>Arts & Humanities Citation Index</i> Reveal the Interrelationships of Science and Humanities
22 Nov 82	761	Journal Citation Studies. 38. Arts and Humanities Journals Differ from Natural and Social Sciences Journals—But Their Similarities Are Surprising
29 Nov 82	768	The History and Mission of ISI Press
6 Dec 82	774	The ASIS Outstanding Information Science Teacher Award: Belver C. Griffith Wins the Third Award
13 Dec 82	779	While You're Up, Dial Me an <i>OATS</i> —We're Still Waiting for the Document Delivery Revolution
20 Dec 82	785	Birdsongs and Avian Linguistics—There's More to Them Than Meets the Ears
27 Dec 82	791	Journal Citation Studies. 39. Earth Sciences Journals: What They Cite and What Cites Them