

CURRICULUM VITAE for JOHN C. FETZER

ADDRESSES AND CONTACT

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EDUCATIONAL BACKGROUND

1976, University of Arkansas, Bachelor of Science in Chemistry with Honors
1980, University of Georgia, Doctorate of Philosophy in Analytical Chemistry, Dr. Lockhart B. Rogers as research advisor

JOB HISTORY

Chevron Research Company, 1980 through 2001; senior research chemist, 1992 on
Fetzpahs Consulting, 2002- present, principal, consultant, expert witness, contracting scientist.

Dr. Fetzer is an experienced expert witness, having written 9 submitted expert reports, given 7 depositions, and given sworn testimony in 1 case and also to the California Public Utilities Commission.

TEACHING EXPERIENCE

Statistical Treatment of Experimental Data, Contra Costa Community College, San Pablo, California, Fall semester, 1994

Short course on the Chemistry and Analysis of the Large Polycyclic Aromatic Hydrocarbons, at the 17th International Symposium on Polycyclic Aromatic Compounds, Bordeaux, France, October, 1999;
short course on nomenclature of the polycyclic aromatic hydrocarbons at the 20th International Symposium on Polycyclic Aromatic Compounds, Toronto, Canada, September, 2005

A variety of over 40 short courses for Haward Technologies Middle East or Petrolabs, LLC, of Abu Dhabi, United Arab Emirates, held in the UAE, in Qatar, in Oman, in Kuwait, or in Saudi Arabia 2008-present

Additionally, training courses in quality principles, project management, running effective meetings, customer focus, and the principles of chemical analysis, chromatography, and fluorescence spectrometry as a trainer within Chevron Research and Technology Company, 1991-2001

PROFESSIONAL MEMBERSHIPS

American Chemical Society
Society for Applied Spectroscopy
American Society for Testing and Materials, committee E-13 on molecular spectroscopy, 1995-2001
International Society for Polycyclic Aromatic Compounds
secretary, 1997-2000, president, 2000-2002
Chemical Consultants Network
The Association of Consulting Chemists and Chemical Engineers

INVITED LECTURES

(In addition to approximately forty presentations at conferences)

Society for Applied Spectroscopy, northern California section, 1991
Dept. of Chemistry, San Jose State University, 1993
Dept. of Chemistry, University of Texas at El Paso, 1993
Dept. of Chemistry, San Francisco State University, 1994
Pittsburgh Conference, New Orleans, 1995
Plenary speaker, 16th International Symposium on Polycyclic Aromatic Compounds, Charlotte, NC, 1997
Oak Ridge National Laboratory, 1999
Dept. of Chemistry, University of Arkansas – Distinguished Alumni Speaker, 1999
Dept. of Chemistry, University of Missouri at Kansas City, 2002
Dept. of Chemistry, San Jose State University, 2003
National Institutes for Standards and Technology, 2003, 2007
New England Section of the American Chemical Society, 2005
Plenary speaker, 20th International Symposium on Polycyclic Aromatic Compounds, Toronto, Canada, 2005
Dept. of Chemical Engineering, Louisiana State University, 2006
Dept. of Chemistry, University of Louisiana – Monroe, 2006
Central Oklahoma section of the American Chemical Society, 2006
East Texas section of the American Chemical Society, 2006
Northern California section of the American Chemical Society, 2006
Dept. of Chemistry, George Mason University, 2007
The Carnegie Institute, 2007
Keynote speaker, Labtech 2008, Manama, Bahrain, October, 2008
Department of Chemistry, University of Nevada, 2009
Sierra Nevada section of the American Chemical Society, 2009
American Chemical Society, national meeting, San Francisco CA, March 2010
Dept. of Chemistry, San Jose State University, 2011

HONORS AND AWARDS

National Merit Scholar, 1972

Outstanding freshman, junior, and senior chemistry major, University of Arkansas, 1972-1976

Henry C. Richmond Fellowship, University of Georgia, 1976-1980

Marquis' Who's Who in the West, 1993

Who's Who in California, 1995

Marquis' Who's Who in Science and Technology, 1995, 1997, 2003, 2005

American Men and Women of Science, 1997, 1999, 2001, 2003

Marquis' Who's Who in Science and Engineering, 2006

Marquis' Who's Who in America, 2000- present

2005 recipient of the Erich Clar Award for outstanding research from the International Society for Polycyclic Aromatic Compounds

MEMBERSHIPS ON EDITORIAL ADVISORY BOARDS AND OTHER SPECIAL COMMITTEES

Journal of Chromatography, editorial advisory board 1989-1993

Fresenius Journal of Analytical Chemistry, editorial advisory board 1999-2001

Analytical and Bioanalytical Chemistry, 2002- 2010; topical editor for the column "Building a Professional Career"/ "ABCs of Education and Professional Development in Analytical Science", 2007- present

Analytical Chemistry, A-Page advisory board, 2000-2002

Polycyclic Aromatic Compounds, topical editor for analytical chemistry, 2000-present

Selection Jury, ACS Chromatography award, 1999-2004

Selection Jury, ACS Division of Analytical Chemistry, Chemical Instrumentation Award, 1997-1999

American Chemical Society tour speaker, 2004 - present

National Science Foundation, panelist 2010 - present

Current Chromatography - editorial advisory board 2016-present

REVIEW, EDITORIAL, AND OTHER NON-RESEARCH OR NON-PEER REVIEWED ARTICLES

76. "Building a Professional Career: Reflecting on Evolution", J. C. Fetzer, *Anal. Bioanal. Chem.*, 402, 29-30 (2012)

75. "You never know enough, let alone know it all", J. C. Fetzer, *Anal. Bioanal. Chem.*, 400, 641-842 (2011)

74. "Book review: Chris P. Miller and Mark J. Evans The Chemist's Companion Guide to Patent Law", J. C. Fetzer, *Anal. Bioanal. Chem.*, 399, 1009-1010 (2011)

73. "Expert texpert: the analytical chemist as legal expert", J. C. Fetzer, *Anal. Bioanal. Chem.*, 398, 2755-2758 (2010)

72. "The schizophrenia of the administrative path" J. C. Fetzer, *Anal. Bioanal. Chem.*, 397, 1645-1646 (2010)

71. "Quick, efficient, effective? Meetings!", J. C. Fetzer, *Anal. Bioanal. Chem.*, 395, 1825-1827 (2009)

70. "How to use time more efficiently", J. C. Fetzer, *Anal. Bioanal. Chem.*, 395, 15-16 (2009)

69. "Book Review: Kirk – Othmer Separation Technology, Second Edition", J. C. Fetzer, *Anal. Bioanal. Chem.*, 392, 1253-1254 (2008)

68. "Roles and responsibilities of grad students and post-docs", J. C. Fetzer, Anal. Bioanal. Chem., 392, 1251-1252 (2008)
67. "Improving Performance Reviews", J. C. Fetzer, Anal. Bioanal. Chem., 391, 2095-2097 (2008)
66. "Experiences at a small startup", J. C. Fetzer, Anal. Bioanal. Chem., 390, 795-796 (2008)
65. "Bad blood in the laboratory", J. C. Fetzer, Anal. Bioanal. Chem., 389, 1293-1295 (2007)
64. Book Review: Lisa M. Balbes: Nontraditional careers for chemists. New formulas in chemistry" J. C. Fetzer, Anal. Bioanal. Chem., 387, 2607-2608 (2007)
63. "Is your network robust?", J. C. Fetzer, Anal. Bioanal. Chem., 387, 2001-2002 (2007)
62. "The Chemistry and Analysis of Large PAHs", J. C. Fetzer, Polycyclic Arom. Compd., 27, 143-162 (2007)
61. "Reinventing yourself: marketing the experienced chemist in today's job market", J. C. Fetzer, Anal. Bioanal. Chem., 387, 727-728 (2007)
60. "The Curse of Having a Bad Supervisor", J. C. Fetzer, Anal. Bioanal. Chem., 386, 1577-1578 (2006)
59. "Help Wanted: Sage and Wise Chemist", J. C. Fetzer, Anal. Bioanal. Chem., 386, 1939-1940 (2006)
58. "Book Review: Paul Worsfold, Alan Townshend, Colin Poole (Eds.) : Encyclopedia of Analytical Science" J. C. Fetzer, Anal. Bioanal. Chem., 385, 1035-1036 (2006)
57. "Common Sense is not common", J. C. Fetzer, Anal. Bioanal. Chem., 385, 787-789 (2006)
56. "Problems in Diode-Array UV Detection in HPLC Spectral Matching", John C. Fetzer, American Laboratory, December 2005, 24-25 (2005)
55. "Post doc in perpetuity and other issues", J. C. Fetzer, Anal. Bioanal. Chem., 383, 1028-1029 (2005)
54. "Choosing a future supervisor", J. C. Fetzer, Anal. Bioanal. Chem., 383, 729-730 (2005)
53. "Clashes in style", J. C. Fetzer, Anal. Bioanal. Chem., 383, 368-369 (2005)
52. "Teams and teamwork" J. C. Fetzer, Anal. Bioanal. Chem., 383, 6-7 (2005)
51. "Changing Hats....becoming a Supervisor or Manager", J. C. Fetzer, Anal. Bioanal. Chem., 382, 1440-1450 (2005)
50. "Ethics – doing the right things", J. C. Fetzer, Anal. Bioanal. Chem., 382, 1203-1205 (2005)
49. "Getting the message across - Writing an Effective Curriculum Vita", J. C. Fetzer, Anal. Bioanal. Chem., 382, 857-858 (2005)
48. "Initiative and meticulousness: mining, digging for the rare nuggets", J. C. Fetzer, Anal. Bioanal. Chem., 382, 6-7 (2005)
47. "Leadership", J. C. Fetzer, Anal. Bioanal. Chem., 381, 1311-1312 (2005)
46. "Paradigms, tunnel vision, and group think", J. C. Fetzer, Anal. Bioanal. Chem., 381, 996-997 (2005)
45. "Degrees of difficulty", J. C. Fetzer, Anal. Bioanal. Chem., 381, 527-528 (2005)
44. "Master of your own career", J. C. Fetzer, Anal. Bioanal. Chem., 381, 9-10 (2005)
43. "Balancing professional and private time", J. C. Fetzer, Anal. Bioanal. Chem., 380, 859-860 (2004)
42. "Comment on "Modeling Maximum Adsorption Capacities of Soot and Soot-like Materials for PAHs and PCBs", J. C. Fetzer, Environ. Sci. Technol., 38, 6175 (2004)
41. "Dealing with those on the dark side – difficult and worse people", J. C. Fetzer, Anal. Bioanal. Chem., 380, 727-728 (2004)
40. "Government Service – the third venue", J. C. Fetzer, Anal. Bioanal. Chem., 380, 360-361 (2004)
39. "Problems in Full-Spectrum Fluorescence Detection in HPLC: Issues of Intensity Variances", John C. Fetzer, Amer. Biotech. Laboratory, October 2004, 10-11 (2004)
38. "Mechanisms in Fullerene Separations", John C. Fetzer, Anal. Chem., 78, 342A (2004)
37. "Patience, Determination, and Doggedness" . J. C. Fetzer, Anal. Bioanal. Chem., 380, 1-2 (2004)
36. "The personality of science", J. C. Fetzer, Anal. Bioanal. Chem., 379, 901-902 (2004)
35. "Academia: in the ivory tower surrounded by ivy-covered walls", J. C. Fetzer, Anal. Bioanal. Chem., 379, 748-749 (2004)
34. "Dealing with reviews: the work of getting your paper accepted", J. C. Fetzer, Anal. Bioanal. Chem., 379, 323-324 (2004)
33. "Write and wrong", J. C. Fetzer, Chemical and Engineering News, May 17, 2004, 7
32. "Good science comes in different packages...accepting others as your peers", J. C. Fetzer, Anal. Bioanal. Chem., 379, 10-11 (2004)
31. "Being an Effective reviewer", J. C. Fetzer, Anal. Bioanal. Chem., 378, 1671-1673 (2004)

30. "Laboratory skills: mechanics and other hands-on skills", J. C. Fetzer, Anal. Bioanal. Chem., 378, 1137-1138 (2004)
29. "Cultures and languages – the worldview of science", J. C. Fetzer, Anal. Bioanal. Chem., 378, 545-546 (2004)
28. "Writing an eye-catching, high-impact paper", J. C. Fetzer, Anal. Bioanal. Chem., 378, 9-10 (2004)
27. "Always learning: continuing education for industrial chemists (and others, too!)", J. C. Fetzer, Anal. Bioanal. Chem., 377, 1087-1088 (2003)
26. "Wolfish behavior...the successful scientist as leader of a pack or a lone wolf", J. C. Fetzer, Anal. Bioanal. Chem., 377, 785-786 (2003)
25. "The merits of an industrial career in contrast to one in academia" J. C. Fetzer, Anal. Bioanal. Chem., 377, 381-382 (2003)
24. "Once you get there or think you have...mentoring to pass on the torch", J. C. Fetzer, Anal. Bioanal. Chem., 377, 1-2 (2003)
23. "Becoming an Integral part of your field (Networking for Success)", J. C. Fetzer, Anal. Bioanal. Chem., 376, 943-944 (2003)
22. "Curiosity and Wonder", J. C. Fetzer, Anal. Bioanal. Chem., 376, 555-556 (2003)
21. "Collaborative Research", J. C. Fetzer, Anal. Bioanal. Chem., 376, 279-280 (2003)
20. "It is a far better thing...why are the accepted writing styles in technical publications so narrow?", J. C. Fetzer, Anal. Bioanal. Chem., 376, 1-2 (2003)
19. "Eloquence...speaking easily the first time...is it possible?", J. C. Fetzer, Anal. Bioanal. Chem., 375, 845-846 (2003)
18. "Large PAHs Pose Big Risk", J. C. Fetzer, Environ. Sci. Tech., 37, 121A (2003)
17. "The Sky is Not Falling...accepting failure to create innovation in experimentation", J. C. Fetzer, Bioanal. Chem., 375, 597-598 (2003)
16. "Specialist or Generalist", J. C. Fetzer, Anal. Bioanal. Chem., 375, 331-332 (2003)
15. "Diversify, diversify...why change is good...and necessary", J. C. Fetzer, Anal. Bioanal. Chem., 375, 9-10 (2003)
14. "Starting a new Column", J. C. Fetzer, Anal. Bioanal. Chem., 375, 8 (2003)
13. "Electronic Spectral Detectors in Liquid Chromatography", W. R. Biggs and J. C. Fetzer, Anal. Bioanal. Chem., 373 368-377 (2002)
12. "How a Graduate School Education can Meet the Needs of Industrial Employment", J. C. Fetzer, Anal. Bioanal. Chem., 373 209-210 (2002)
11. "Book Review: Polycyclic Aromatic Hydrocarbons, by Ronald G. Harvey", J. C. Fetzer, Polycyclic Arom. Compd., 12 289-290 (1998)
10. "Monitoring and Characterization of Polyaromatic Compounds in the Environment", T. Vo-Dinh, J. Fetzer, and A. Campiglia, Talanta, 47 943-970 (1998)
9. "More on Preparing for an Industrial Career", J. C. Fetzer, letter to the editor, Anal. Chem., 68 590A (1996)
8. "The Analysis of Large Polycyclic Aromatic Hydrocarbons", J. C. Fetzer and W. R. Biggs, Trends Anal. Chem., 15 196-206 (1996)
7. "The Use of Room-Temperature Fluorescence in the Analysis of Petroleum and Related Materials", J. R. Kershaw and J. C. Fetzer, Polycyclic Arom. Compd., 7, 253-268 (1995)
6. "Large Polycyclic Aromatic Hydrocarbons: A Review", J. C. Fetzer and W. R. Biggs, Polycyclic Arom. Compd., 4, 3-17 (1994)
5. "The Use of Full Spectrum Absorbance and Emission Detectors in Environmental Analyses: A Review", J. C. Fetzer and W. R. Biggs, J. Chromatogr., 642, 319-327 (1993)
4. "Polycyclic Aromatic Hydrocarbons as Solvent Probes: Emission Spectroscopy," W. E. Acree, Jr., S. A. Tucker, and J. C. Fetzer, Polycyclic Arom. Compd., 2, 75105 (1991)
3. "Book Review: "Advances in Chromatography, Volume 30", J. C. Fetzer, Anal. Chem., 62, 1174A1175A (1990)
2. "Synthesis of Large, Condensed Polycyclic Aromatic Hydrocarbons: A Review", J. C. Fetzer, Org. Prep. Proced. Intern., 21, 4765 (1989)
1. "Book Review: "Mass Spectrometry of Priority Pollutants", by B. S. Middleditch, R. S. Missler, and B. H. Hines", J. Appl. Toxicol., (1981) 12

BOOKS AND CHAPTERS

8. "Hyphenated Techniques", J. C. Fetzer, in "Handbook of Spectroscopy", 2nd ed., G. Gauglitz, D. Moore, eds., Wiley-VCH p. 1645-1677 (2014) ISBN 978-3-527-32150-6
7. "Polycyclic Aromatic Hydrocarbons and Combustion", J. C. Fetzer, in volume 2 of "Handbook of Combustion", volume 16, M. Lackner, F. Winter, and A. K. Agarwal, eds., p. 425-438 Wiley-VCH, (2010) ISBN 978-3-527-32449-1
6. "Career Management for Chemists – A Guide to Success in a Chemistry Career", John C. Fetzer, Springer Verlag, Heidelberg, p. 1-266 (2004) ISBN: 3-540-20899-2
5. "Hyphenated Techniques", J. C. Fetzer, in "Handbook of Spectroscopy", T. Vo-Dinh and G. Gauglitz, eds., Wiley-VCH, p. 381-435 (2003) ISBN 3-527-29782-0
4. "The Chemistry and Analysis of the Large Polycyclic Aromatic Hydrocarbons", J. C. Fetzer, John Wiley and Sons, New York, p. 1-288 (2000), ISBN: 0-471-36354-5
3. "The Preparative Separation of Fullerenes", J. C. Fetzer, in Separation of Fullerenes by Liquid Chromatography, K. Jinno, ed., Royal Society of Chemistry, Cambridge, United Kingdom, p. 25-48 (1999)
2. "Gas and Liquid Chromatographic Techniques", J. C. Fetzer, in Chemical Analysis of Polycyclic Aromatic Compounds, T. VoDinh (ed.), J. Wiley and Sons, p. 59109 (1989)
1. "Correlations Between the Spatial Configuration and Behavior of Large Polynuclear Aromatic Hydrocarbons", J. C. Fetzer, 309331 (Chapter 18) in Polynuclear Aromatic Hydrocarbons, L. Ebert (ed.), Vol. 217, Adv. Chem. (N. Y.), American Chemical Society (1988)

PATENTS

3. J. C. Fetzer, J. M. Rosenbaum, R. W. Bachtel, D. R. Cash, and D. G. Lammel, "Hydrocracking Process With Polycyclic Aromatic Dimer Removal", U. S. Patent 5,232,577, August 3, 1993
2. J. C. Fetzer, "Process For Purifying Waste Water Streams by Inclusion Complexation of Polynuclear Aromatic Hydrocarbons", U. S. Patent 5,190,663, March 2, 1993
1. J. C. Fetzer and D. G. Lammel, "Hydrocracking Process With Polynuclear Aromatic Dimer Foulant Adsorption", U. S. Patent 5,190,633, March 2, 1993

RESEARCH PUBLICATIONS:

120. "Coronene fusion by heat treatment: Road to nanographenes", A. V. Talyzin, S. M. Luzan, K. Leifer, S. Akhtar, J. Fetzer, F. Cataldo, Y. O. Tsybin, C. W. Tai, A. Dzwilewski, and E. Moons, *J. Phys. Chem.*, 115, 13207-13214 (2011)
119. "X-ray Raman spectroscopy - A new tool to study local structure of aromatic hydrocarbons and asphaltenes", Uwe Bergmann, Henning Groenzin, Oliver C. Mullins, Pieter Glatzel, John Fetzer, S.P. Cramer, *Petroleum Sci. Technol.*, 22, 863-875 (2004)
118. "A Theoretical Study of the Conformations of Tetrabenz[a,c,d,f,lm]perylene, an Overcrowded LPAH", S. Pogodin, I. Agranat, and J. C. Fetzer, *Polycyclic Arom. Cmpd.*, 24 151-160 (2004)
117. "Carbon K-Edge X-Ray Raman Spectroscopy Applied to Aromatic Hydrocarbons and Asphaltenes", U. Bergmann, H. Groenzin, O. C. Mullins, P. Glatzel, J. C. Fetzer, and S. P. Cramer, *Chem. Phys. Lett.*, 369 184-191 (2003)
116. "The Determination of the Aqueous Solubilities of Several Large PAHs", J. C. Fetzer, *Polycyclic Arom. Cmpd.*, 22 321-326 (2002)
115. "Retention Behavior of Large Polycyclic Aromatic Hydrocarbons on Porphyrin-Silica Stationary Phases", S. Chen, M. Meyerhoff, and J. C. Fetzer, *Fresenius J. Anal. Chem.*, 369 385-392 (2001)

114. "Infrared Spectroscopy of Matrix-Isolated Polycyclic Aromatic Hydrocarbon Ions. 5. PAHs Incorporating a Cyclopentadienyl Ring", D. M. Hudgins, C. W. Bauschlicher, Jr., L. J. Allamandola, and J. C. Fetzer, J. Phys. Chem., 104 3655-3669 (2000),
113. "Beyond Clar: The Use of Modern Analytical Methods for Large Polycyclic Aromatic Hydrocarbons", J. C. Fetzer, Polycyclic Arom. Compd., 14 1-10 (1999)
112. "Spectroscopic Investigations in Molecularly Organized Solvent Media Part 4. Effect of Cosurfactant on the Ability of the Cetylpyridinium Cation to Selectively Quench Fluorescence Emission of Alternant Versus Nonalternant Polycyclic Aromatic Hydrocarbons", W. E. Acree, Jr., and J. C. Fetzer, Phys. Chem. Liq., 37 565-578 (1999)
111. "Examination of Dodecylpyridinium Chloride as a Potential Selective Fluorescence Quenching Agent for Discriminating Between Alternant Versus Nonalternant Polycyclic Aromatic Hydrocarbons", S. Pandey, L. E. Roy, W. E. Acree, Jr., and J. C. Fetzer, Talanta, 48 1103-1110 (1999)
110. "Classification of Select Aceanthrylenes, Acephenanthrylenes, and Dicyclopentapyrenes as Alternant Versus Nonalternant Polycyclic Aromatic Hydrocarbons on the Basis of Their Fluorescence Quenching Behavior in the Presence of Nitromethane and Cetylpyridinium Cation Selective Quenching Agents", S. Pandey, W. E. Acree, Jr., L. T. Scott, A. Necula, J. C. Fetzer, P. P. J. Mulder, J. Lugtenburg, and J. Cornilisse, Polycyclic Aromat Compd., 13 79-92 (1999)
109. "Facile One-Pot Fluorination of Polycyclic Aromatic Hydrocarbons (PAHs) with N-fluoro-2,4-dinitroimidazole; scope and limitation" K. K. Laali, M. Tanaka, F. Forohar, M. Cheng, and J. C. Fetzer, J. Fluor. Chem., 91 185-190 (1998)
108. "Spectroscopic Investigations in Molecularly Organized Solvent Media: Part 5: Fluorescence Quenching Behavior of Polycyclic Aromatic Hydrocarbons in Cetylpyridinium Chloride + Zwitterionic and Cetyltrimethylammonium Chloride + Zwitterionic Mixed Surfactant Systems", S. Pandey, W. E. Acree, Jr., and J. C. Fetzer, Talanta, 47 769-778 (1998)
107. "Examination of the Nitromethane Selective Quenching Rule in Micellar Anionic Dodecylbenzenesulfonate and Micellar Cationic Dodecylethyldimethylammonium Bromide", S. Pandey, W. E. Acree, Jr., and J. C. Fetzer, Mikrochim. Acta, 129 41-45 (1998)
106. "Spectroscopic Investigations in Molecularly Organized Solvent Media. Part 3. Examination of the Nitromethane Selective Quenching Rule in Aqueous Anionic + Cationic and Anionic + Nonionic Surfactant Solutions", J. C. Fetzer, S. Pandey, K. A. Fletcher, and W. E. Acree, Jr., Fresen. Z. Anal. Chem., 360 669-674 (1998)
105. "Retention Behavior of Large Polycyclic Aromatic Hydrocarbons with Cholesteryl 10-Undecanoate Bonded Phase in Microcolumn Liquid Chromatography", A. Catabay, C. Okumura, K. Jinno, J. J. Pesek, E. Williamsen, J. C. Fetzer, and W. R. Biggs, Chromatographia, 47 13-20 (1998)
104. "Cetylpyridinium Chloride Micelles as a Selective Fluorescence Quenching Solvent Media for Discriminating Between Alternant Versus Nonalternant Polycyclic Aromatic Hydrocarbons", S. Pandey, W. E. Acree, Jr., and J. C. Fetzer, Talanta, 45, 39-45 (1997)
103. "Spectrofluorometric Analysis of Aromatic Compounds: Review of Applicability of Nitromethane as a Selective Quenching Agent for Identification of Alternant Vs. Nonalternant Polycyclic Aromatic Hydrocarbons", W. E. Acree, Jr., S. Pandey, S. A. Tucker, and J. C. Fetzer, Polycyclic Arom. Compd., 12 71-123 (1997)
102. "Luminescence Anisotropy and Linear Dichroism Studies of Large Polycyclic Aromatic Hydrocarbons Based on the Perylene Chromophore", J. Marczyk, J. C. Fetzer, J. Szubiakowski, and J. Waluk, J. Luminesc., 72-74 517-519 (1997)
101. "Persistent Oxidation Dications of Dialkyl- and Tetraalkylperylene and Dibenzo[cd,lm]perylene; Charge Distribution Mode, Substitution Effects and Conformational Aspects", K. K. Laali, M. Tanaka, and J. C. Fetzer, J. Chem. Soc., Perkin Trans 2, 1315-1318 (1997)
100. "Spectroscopic Properties of Polycyclic Aromatic Compounds Part 6. The Nitromethane Selective Quenching Rule Visited in Aqueous Micellar Zwitterionic Surfactant Solvent Media", S. Pandey, W. E. Acree, Jr., B. P. Cho, and J. C. Fetzer, Talanta, 44 413-421 (1997)

99. "Spectroscopic Investigations in Molecularly Organized Solvent Media. Part 2. Examination of the Nitromethane Selective Quenching Rule at Different "Effective" Surface Charge Densities", S. Pandey, W. E. Acree, Jr., and J. C. Fetzer, J. Luminesc., 71 189-197 (1997)
98. "Spectrochemical Investigations of Fluorescence Quenching Agents. Part 5. Effect of Surfactant Head-Group Charge on Nitromethane's Ability to Selectively Quench Fluorescence Emission of Alternant PAHs", S. Pandey, K. A. Fletcher, J. R. Powell, M. E. R. McHale, A.-S. Kauppila, W. E. Acree, Jr., J. C. Fetzer, and R. G. Harvey, Spectrochimica Acta A., 53 165-172 (1997)
97. "High Molecular Weight Polycyclic Aromatic Hydrocarbons in Hydrothermal Petroleum from the Gulf of California and Northeast Pacific Ocean", B. R. T. Simoneit and J. C. Fetzer, Org. Geochem., 24 1065-1077 (1996)
96. "Determination of Structure of Nonplanar Polycyclic Aromatic Hydrocarbons by Polarized Spectroscopy", J. Marczyk, J. Waluk, and J. C. Fetzer, Polycyclic Arom. Compd., 9 283-290 (1996)
95. "Production of Large PAHs Through Pyrolysis of Small PAHs", J. C. Fetzer, Polycyclic Aromat. Compd., 11 317-324 (1996)
94. "Identification of Large PAHs in Bitumens from Deep-Sea Hydrothermal Vents", J. C. Fetzer, B. R. T. Simoneit, H. Budzinski and P. Garrigues, Polycyclic Arom. Compd., 9 109-120 (1996)
93. "Synthesis and Characterization of Extended Length Alkyl Stationary Phases for Liquid Chromatography with Application to the Separation of Carotenoid Isomers", C. M. Bell, L. C. Sander, J. C. Fetzer, and S. A. Wise, J. Chromatogr., 753 37-46 (1996)
92. "Polycyclic Aromatic Hydrocarbon Solvent Probes. Part XII. Dissimilar Fluorescence Excitation/Emission Behavior Between Alkylpyrene and Alkylcoronene Derivatives and the Parent PAH Molecule", J. R. Powell, S. Pandey, B. J. Millar, W. E. Acree, Jr., P. E. Hansen, and J. C. Fetzer, J. Luminesc., 69 27-34 (1996)
91. "Spectrochemical Investigations in Molecular Organized Solvent Media: Evaluation of Nitromethane as a Selective Fluorescence Quenching Agent for Alternant PAHs Dissolved in Micellar Solvent Media", S. Pandey, W. E. Acree, Jr., J. C. Fetzer, Analytica Chim. Acta, 324 175-181 (1996)
90. "Effect of Temperature on the Retention Mechanism of Fullerenes in Liquid Chromatography Using Various Alkyl Bonded Stationary Phases", H. Ohta, K. Jinno, Y. Saito, J. C. Fetzer, W. R. Biggs, J. J. Pesek, M. T. Maryska, and Y.-L. Chen, Chromatographia, 42 56-62 (1996)
89. "The Production of Large Polycyclic Aromatic Hydrocarbons During Catalytic Hydrocracking", J. C. Fetzer, "Catalysts in Petroleum and Petrochemical Processing 1995", M. Absi-Halabi, J. Besharah, H. Qabazard, and A. Stanislaus (eds.), Elsevier (1996) p. 263-271
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