

Bernd R T Simoneit

List of Publications by Year in descending order

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151
papers

19,786
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18482

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154
docs citations

154
times ranked

10298
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#	ARTICLE	IF	CITATIONS
1	Saccharides in atmospheric particulate and sedimentary organic matter: Status overview and future perspectives. <i>Chemosphere</i> , 2022, 288, 132376.	8.2	20
2	Polycyclic aromatic hydrocarbons in coastal sediments of Southern Terengganu, South China Sea, Malaysia: source assessment using diagnostic ratios and multivariate statistic. <i>Environmental Science and Pollution Research</i> , 2022, 29, 15849-15862.	5.3	6
3	High concentrations of HgS, MeHg and toxic gas emissions in thermally affected waste dumps from hard coal mining in Poland. <i>Journal of Hazardous Materials</i> , 2022, 431, 128542.	12.4	9
4	Composition of organic compounds from low-temperature burning of lignite and their application as tracers in ambient air. <i>Chemosphere</i> , 2020, 249, 126087.	8.2	24
5	Variations in $\delta^{13}C$ values of levoglucosan from low-temperature burning of lignite and biomass. <i>Science of the Total Environment</i> , 2020, 733, 138991.	8.0	11
6	Input of organic matter in Brunei Bay, East Malaysia, as indicated by sedimentary steroids and multivariate statistics. <i>Marine Pollution Bulletin</i> , 2020, 156, 111269.	5.0	9
7	Hydrothermal Petroleum. , 2020, , 557-591.		0
8	Terpenoids of the Swamp Cypress Subfamily (Taxodioideae), Cupressaceae, an Overview by GC-MS. <i>Molecules</i> , 2019, 24, 3036.	3.8	22
9	Mulinane and Azorellane Diterpenoid Biomarkers by GC-MS from a Representative Apiaceae (Umbelliferae) Species of the Andes. <i>Molecules</i> , 2019, 24, 684.	3.8	3
10	Sources of Organic Tracers in Atmospheric Dust, Surface Seawater Particulate Matter and Sediment of the Red Sea. <i>Springer Oceanography</i> , 2019, , 75-88.	0.3	6
11	Terpenoid Compositions of Resins from Callitris Species (Cupressaceae). <i>Molecules</i> , 2018, 23, 3384.	3.8	19
12	Hydrothermal Petroleum. , 2018, , 1-35.		3
13	Environmental factors controlling the distributions of <i>Botryococcus braunii</i> (A, B and L) biomarkers in a subtropical freshwater wetland. <i>Scientific Reports</i> , 2018, 8, 8626.	3.3	6
14	Hydrothermal Petroleum. , 2018, , 1-35.		2
15	Benzohopane Series, Their Novel Di-, Tri-, and Tetraaromatic Derivatives, and Diaromatic 23- and 24-Norbenzohopanes from the Lower Jurassic Blanowice Formation, Southern Poland. <i>Energy & Fuels</i> , 2017, 31, 2617-2624.	5.1	5
16	Lipid Biomarker Analysis of Suspended Particulate Matter from the Great Kwa River, SE Nigeria: Origins and Environmental Implications of Biogenic and Anthropogenic Organic Compounds. <i>Aquatic Geochemistry</i> , 2017, 23, 89-108.	1.3	8
17	Chemical compositions and characteristics of organic compounds in propolis from Yemen. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 1094-1103.	3.8	20
18	The Potential of Alkyl Amides as Novel Biomarkers and Their Application to Paleocultural Deposits in China. <i>Scientific Reports</i> , 2017, 7, 14667.	3.3	4

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19	Compositions and isotopic differences of iso- and anteiso-alkanes in black mangroves (<i>Avicennia</i>) Tj ETQq1 1 0.784314 rgBT /Overloc	1.5	14
20	Occurrence and sources of natural and anthropogenic lipid tracers in surface soils from arid urban areas of Saudi Arabia. <i>Environmental Pollution</i> , 2016, 208, 696-703.	7.5	10
21	Suspended particulate matter transport of polycyclic aromatic hydrocarbons in the lower Columbia River and its estuary. <i>Limnology and Oceanography</i> , 2015, 60, 1935-1949.	3.1	19
22	Triphenylbenzene in Urban Atmospheres, a New PAH Source Tracer. <i>Polycyclic Aromatic Compounds</i> , 2015, 35, 3-15.	2.6	6
23	Occurrence of High Levels of Persistent Organic Pollutants (POPs) in Particulate Matter of the Ambient Air of Riyadh, Saudi Arabia. <i>Arabian Journal for Science and Engineering</i> , 2015, 40, 81-92.	1.1	8
24	Occurrence and distribution of monomethylalkanes in the freshwater wetland ecosystem of the Florida Everglades. <i>Chemosphere</i> , 2015, 119, 258-266.	8.2	18
25	Organic Tracers from Asphalt in Propolis Produced by Urban Honey Bees, <i>Apis mellifera</i> Linn.. <i>PLoS ONE</i> , 2015, 10, e0128311.	2.5	16
26	Nonpolar lipid tracers in sediments from the Shatt al-Arab River of Iraq and the northwestern Arabian Gulf. <i>Arabian Journal of Geosciences</i> , 2014, 7, 5495-5508.	1.3	10
27	Occurrence and sources of polar lipid tracers in sediments from the Shatt al-Arab River of Iraq and the northwestern Arabian Gulf. <i>Science of the Total Environment</i> , 2014, 470-471, 180-192.	8.0	15
28	Identification and source apportionment of polycyclic aromatic hydrocarbons in ambient air particulate matter of Riyadh, Saudi Arabia. <i>Environmental Science and Pollution Research</i> , 2014, 21, 558-567.	5.3	23
29	Characterization and sources of extractable organic matter from sediment cores of an urban lake (Tasik Perdana), Kuala Lumpur, Malaysia. <i>Environmental Earth Sciences</i> , 2014, 71, 4363-4377.	2.7	6
30	Air quality and elemental enrichment factors of aerosol particulate matter in Riyadh City, Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2013, 6, 585-599.	1.3	48
31	Enterolactone and Other Lignan Metabolites as Taxon-Specific Markers in Modern and Ancient Woodrat Middens. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 327-335.	1.4	0
32	Sources of Organic Contaminants in Solvents and Implications for Geochemistry and Environmental Forensics: An Example from Local Vendors in Nigeria. <i>Environmental Forensics</i> , 2012, 13, 1-6.	2.6	5
33	Solvent-Extractable Polycyclic Aromatic Hydrocarbons in Biochar: Influence of Pyrolysis Temperature and Feedstock. <i>Environmental Science & Technology</i> , 2012, 46, 9333-9341.	10.0	238
34	Distributions and sources of polycyclic aromatic hydrocarbons in surface sediments from the Cross River estuary, S.E. Niger Delta, Nigeria. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 1037-1047.	2.7	32
35	Composition and sources of lipid compounds in speleothem calcite from southwestern Oregon and their paleoenvironmental implications. <i>Environmental Earth Sciences</i> , 2011, 62, 1245-1261.	2.7	12
36	Bugs or Gunk? Nanoscale Methods for Assessing the Biogenicity of Ancient Microfossils and Organic Matter. , 2011, , 239-289.		13

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37	Characteristics of lipid tracer compounds transported to the Arabian Gulf by runoff from rivers and atmospheric dust transport. <i>Arabian Journal of Geosciences</i> , 2010, 3, 113-131.	1.3	20
38	Gas Chromatography/Mass Spectrometry of the Lignans in Resin of <i>Callitris preissii</i> . <i>Journal of the Mass Spectrometry Society of Japan</i> , 2010, 58, 195-209.	0.1	10
39	Organic tracers in sediments from the coastal zone of Ras Abu el-Darag, Gulf of Suez. <i>Environmental Geology</i> , 2009, 58, 1675.	1.2	12
40	Photochemical alteration of 3-oxygenated triterpenoids: Implications for the origin of 3,4-seco-triterpenoids in sediments. <i>Chemosphere</i> , 2009, 74, 543-550.	8.2	37
41	Levoglucosan and Other Cellulose Markers in Pyrolysates of Miocene Lignites: Geochemical and Environmental Implications. <i>Environmental Science & Technology</i> , 2008, 42, 2957-2963.	10.0	60
42	Source Profiles of Organic Compounds Emitted upon Combustion of Green Vegetation from Temperate Climate Forests. <i>Environmental Science & Technology</i> , 2008, 42, 8310-8316.	10.0	93
43	Triterpenoids as Major Components of the Insect-Trapping Glue of <i>Roridula</i> Species. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2008, 63, 625-630.	1.4	12
44	Phenols and Hydroxy-PAHs (Arylphenols) as Tracers for Coal Smoke Particulate Matter: Source Tests and Ambient Aerosol Assessments. <i>Environmental Science & Technology</i> , 2007, 41, 7294-7302.	10.0	70
45	Gas chromatography coupled to mass spectrometry for analyses of organic compounds and biomarkers as tracers for geological, environmental, and forensic research. <i>Journal of Separation Science</i> , 2007, 30, 1516-1536.	2.5	54
46	Analysis of sugars in environmental samples by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1141, 271-278.	3.7	269
47	Organic compound tracers of fine soil and sand particles during summer in the metropolitan area of Riyadh, Saudi Arabia. <i>Environmental Geology</i> , 2007, 52, 559-571.	1.2	6
48	Levels and distributions of organic source tracers in air and roadside dust particles of Kuala Lumpur, Malaysia. <i>Environmental Geology</i> , 2007, 52, 1485-1500.	1.2	72
49	The extent and significance of petroleum hydrocarbon contamination in Crater Lake, Oregon. <i>Hydrobiologia</i> , 2007, 574, 85-105.	2.0	8
50	Natural product biomarkers as indicators of sources and transport of sedimentary organic matter in a subtropical river. <i>Chemosphere</i> , 2006, 64, 1870-1884.	8.2	67
51	Seasonal variations in sugar contents and microbial community in a ryegrass soil. <i>Chemosphere</i> , 2006, 65, 832-839.	8.2	78
52	Abiotic Condensation Synthesis of Glyceride Lipids and Wax Esters Under Simulated Hydrothermal Conditions. <i>Origins of Life and Evolution of Biospheres</i> , 2006, 36, 93-108.	1.9	50
53	Chemical Compositions and Sources of Organic Matter in Fine Particles of Soils and Sands from the Vicinity of Kuwait City. <i>Environmental Monitoring and Assessment</i> , 2006, 120, 537-557.	2.7	22
54	Compositions and sources of extractable organic matter in Mesopotamian marshland surface sediments of Iraq. I: aliphatic lipids. <i>Environmental Geology</i> , 2006, 50, 857-866.	1.2	31

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55	Compositions and sources of extractable organic matter in Mesopotamian marshland surface sediments of Iraq: II. Polar compounds. <i>Environmental Geology</i> , 2006, 50, 1171-1181.	1.2	21
56	Abiotic Synthesis of Organic Compounds from Carbon Disulfide Under Hydrothermal Conditions. <i>Astrobiology</i> , 2005, 5, 749-769.	3.0	45
57	A review of current applications of mass spectrometry for biomarker/molecular tracer elucidations. <i>Mass Spectrometry Reviews</i> , 2005, 24, 719-765.	5.4	122
58	Sources of Organic Compounds in Fine Soil and Sand Particles During Winter in the Metropolitan Area of Riyadh, Saudi Arabia. <i>Archives of Environmental Contamination and Toxicology</i> , 2005, 49, 457-470.	4.1	19
59	Combustion Products of Plastics as Indicators for Refuse Burning in the Atmosphere. <i>Environmental Science & Technology</i> , 2005, 39, 6961-6970.	10.0	306
60	Chemical Characterization of Fine Particle Emissions from the Fireplace Combustion of Wood Types Grown in the Midwestern and Western United States. <i>Environmental Engineering Science</i> , 2004, 21, 387-409.	1.6	280
61	Lignans in resin of <i>Araucaria angustifolia</i> by gas chromatography/mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2004, 39, 1337-1347.	1.6	36
62	Condensation Reactions and Formation of Amides, Esters, and Nitriles Under Hydrothermal Conditions. <i>Astrobiology</i> , 2004, 4, 211-224.	3.0	50
63	Aerosol particles collected on aircraft flights over the northwestern Pacific region during the ACE-Asia campaign: Composition and major sources of the organic compounds. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	70
64	Composition and major sources of organic compounds of aerosol particulate matter sampled during the ACE-Asia campaign. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	182
65	Sugars Dominant Water-Soluble Organic Compounds in Soils and Characterization as Tracers in Atmospheric Particulate Matter. <i>Environmental Science & Technology</i> , 2004, 38, 5939-5949.	10.0	348
66	Characterization of organic aerosols emitted from the combustion of biomass indigenous to South Asia. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	237
67	Spatial distributions of oxygenated organic compounds (dicarboxylic acids, fatty acids, and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 outflow of organic aerosols during the ACE-Asia campaign. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	149
68	Alkyl Amides and Nitriles as Novel Tracers for Biomass Burning. <i>Environmental Science & Technology</i> , 2003, 37, 16-21.	10.0	125
69	DeterminaÃ§Ã£o de compostos de massa molecular alta em folhas de plantas da AmazÃ´nia. <i>Quimica Nova</i> , 2003, 26, 633-640.	0.3	8
70	Petroleum Generation, Extraction and Migration and Abiogenic Synthesis in Hydrothermal Systems. , 2003, , 1-30.		4
71	Natural Product Terpenoids in Eocene and Miocene Conifer Fossils. <i>Science</i> , 2002, 297, 1543-1545.	12.6	77
72	Trimethylsilyl Derivatives of Organic Compounds in Source Samples and in Atmospheric Fine Particulate Matter. <i>Environmental Science & Technology</i> , 2002, 36, 4273-4281.	10.0	106

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73	Measurement of Emissions from Air Pollution Sources. 4. C11~C27Organic Compounds from Cooking with Seed Oils. Environmental Science & Technology, 2002, 36, 567-575.	10.0	328
74	Chemical Characterization of Fine Particle Emissions from the Fireplace Combustion of Woods Grown in the Southern United States. Environmental Science & Technology, 2002, 36, 1442-1451.	10.0	396
75	Organic compounds in biomass smoke from residential wood combustion: Emissions characterization at a continental scale. Journal of Geophysical Research, 2002, 107, ICC 11-1-ICC 11-9.	3.3	63
76	Measurement of Emissions from Air Pollution Sources. 5. C11~C32 Organic Compounds from Gasoline-Powered Motor Vehicles. Environmental Science & Technology, 2002, 36, 1169-1180.	10.0	940
77	Source Reconciliation of Atmospheric Gas-Phase and Particle-Phase Pollutants during a Severe Photochemical Smog Episode. Environmental Science & Technology, 2002, 36, 3806-3814.	10.0	207
78	Molecular indicators (biomarkers) of past life. The Anatomical Record, 2002, 268, 186-195.	1.8	43
79	Three series of high molecular weight alkanooates found in Amazonian plants. Phytochemistry, 2002, 61, 711-719.	2.9	38
80	Organic Tracers from Wild Fire Residues in Soils and Rain/River Wash-Out. Water, Air, and Soil Pollution, 2002, 137, 203-233.	2.4	42
81	Highly Polar Organic Compounds Present in Wood Smoke and in the Ambient Atmosphere. Environmental Science & Technology, 2001, 35, 1912-1919.	10.0	372
82	Measurement of Emissions from Air Pollution Sources. 3. C11~C29Organic Compounds from Fireplace Combustion of Wood. Environmental Science & Technology, 2001, 35, 1716-1728.	10.0	1,094
83	Chemical Characterization of Fine Particle Emissions from Fireplace Combustion of Woods Grown in the Northeastern United States. Environmental Science & Technology, 2001, 35, 2665-2675.	10.0	541
84	Lipid formation by aqueous Fischer-Tropsch-type synthesis over a temperature range of 100 to 400 degrees C. , 2001, 31, 103-118.		245
85	Alteration and migration process of organic matter in hydrothermal systems and implications for metallogenesis. , 2000, , 13-37.		4
86	Abiotic formation of hydrocarbons and oxygenated compounds during thermal decomposition of iron oxalate. , 1999, 29, 167-186.		48
87	Lipid synthesis under hydrothermal conditions by Fischer-Tropsch-type reactions. Origins of Life and Evolution of Biospheres, 1999, 29, 153-166.	1.9	397
88	A review of biomarker compounds as source indicators and tracers for air pollution. Environmental Science and Pollution Research, 1999, 6, 159-169.	5.3	233
89	Identification of Molecular Tracers in Organic Aerosols from Temperate Climate Vegetation Subjected to Biomass Burning. Aerosol Science and Technology, 1999, 31, 433-445.	3.1	45
90	Measurement of Emissions from Air Pollution Sources. 1. C1through C29Organic Compounds from Meat Charbroiling. Environmental Science & Technology, 1999, 33, 1566-1577.	10.0	504

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91	Hydrous Pyrolysis of Polycyclic Aromatic Hydrocarbons and Implications for the Origin of PAH in Hydrothermal Petroleum. <i>Energy & Fuels</i> , 1999, 13, 401-410.	5.1	44
92	Characterization of Fine Particle Emissions from Burning Church Candles. <i>Environmental Science & Technology</i> , 1999, 33, 2352-2362.	10.0	104
93	Measurement of Emissions from Air Pollution Sources. 2. C1through C30Organic Compounds from Medium Duty Diesel Trucks. <i>Environmental Science & Technology</i> , 1999, 33, 1578-1587.	10.0	1,002
94	Highly Polar Organic Compounds Present in Meat Smoke. <i>Environmental Science & Technology</i> , 1999, 33, 3313-3316.	10.0	111
95	Detection of High Molecular Weight Organic Tracers in Vegetation Smoke Samples by High-Temperature Gas Chromatography~Mass Spectrometry. <i>Environmental Science & Technology</i> , 1999, 33, 2369-2376.	10.0	41
96	The Lipid and Resin Composition of <i>Laretia compacta</i> Phil, from the Andes of Chile. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1999, 54, 309-313.	1.4	2
97	Biomarkers as tracers for life on early earth and Mars. <i>Origins of Life and Evolution of Biospheres</i> , 1998, 28, 475-483.	1.9	47
98	High Temperature Gas Chromatography with a Glass Capillary Column for the Analysis of High Molecular Weight Tracers in Smoke Samples from Biomass Burning. <i>Journal of High Resolution Chromatography</i> , 1998, 21, 87-93.	1.4	17
99	Gas-Phase and Particle-Phase Organic Compounds Emitted from Motor Vehicle Traffic in a Los Angeles Roadway Tunnel. <i>Environmental Science & Technology</i> , 1998, 32, 2051-2060.	10.0	304
100	Bioassay-Directed Chemical Analysis of Los Angeles Airborne Particulate Matter Using a Human Cell Mutagenicity Assay. <i>Environmental Science & Technology</i> , 1998, 32, 3502-3514.	10.0	144
101	Air Quality Model Evaluation Data for Organics. 5. C6~C22 Nonpolar and Semipolar Aromatic Compounds. <i>Environmental Science & Technology</i> , 1998, 32, 1760-1770.	10.0	169
102	Sources of Fine Organic Aerosol. 9. Pine, Oak, and Synthetic Log Combustion in Residential Fireplaces. <i>Environmental Science & Technology</i> , 1998, 32, 13-22.	10.0	526
103	Biomarker PAHs in the Environment. <i>Handbook of Environmental Chemistry</i> , 1998, , 175-221.	0.4	59
104	Sources of Fine Organic Aerosol. 7. Hot Asphalt Roofing Tar Pot Fumes. <i>Environmental Science & Technology</i> , 1997, 31, 2726-2730.	10.0	82
105	Air Quality Model Evaluation Data for Organics. 4. C2~C36Non-Aromatic Hydrocarbons. <i>Environmental Science & Technology</i> , 1997, 31, 2356-2367.	10.0	166
106	Sources of Fine Organic Aerosol. 8. Boilers Burning No. 2 Distillate Fuel Oil. <i>Environmental Science & Technology</i> , 1997, 31, 2731-2737.	10.0	200
107	Higher Molecular Weight Terpenoids as Indicators of Organic Emissions from Terrestrial Vegetation. <i>ACS Symposium Series</i> , 1997, , 92-108.	0.5	22
108	Even N-Alkane Predominances on the Amazon Shelf and A Northeast Pacific Hydrothermal System. <i>Die Naturwissenschaften</i> , 1997, 84, 415-420.	1.6	75

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109	Analysis of volatile sesquiterpenoids in environmental and geological samples. <i>Journal of High Resolution Chromatography</i> , 1997, 20, 305-309.	1.4	28
110	Mass spectra of triterpenyl alkanooates, novel natural products. <i>Journal of Mass Spectrometry</i> , 1997, 32, 1356-1361.	1.6	24
111	Mathematical modeling of atmospheric fine particle-associated primary organic compound concentrations. <i>Journal of Geophysical Research</i> , 1996, 101, 19379-19394.	3.3	76
112	Contribution of primary aerosol emissions from vegetation-derived sources to fine particle concentrations in Los Angeles. <i>Journal of Geophysical Research</i> , 1996, 101, 19541-19549.	3.3	62
113	Identification of Large PAHs in Bitumens from Deep-Sea Hydrothermal Vents. <i>Polycyclic Aromatic Compounds</i> , 1996, 9, 109-120.	2.6	11
114	Lipid Biomarkers for Bacterial Ecosystems: Studies of Cultured Organisms, Hydrothermal Environments and Ancient Sediments. <i>Novartis Foundation Symposium</i> , 1996, 202, 174-197.	1.1	31
115	Evidence for organic synthesis in high temperature aqueous media – Facts and prognosis. <i>Origins of Life and Evolution of Biospheres</i> , 1995, 25, 119-140.	1.9	59
116	Confined-pyrolysis as an experimental method for hydrothermal organic synthesis. <i>Origins of Life and Evolution of Biospheres</i> , 1995, 25, 417-429.	1.9	19
117	Aliphatic and Aromatic Hydrocarbons in Particulate Fallout of Alexandria, Egypt: Sources and Implications. <i>Environmental Science & Technology</i> , 1995, 29, 2473-2483.	10.0	64
118	Resin diterpenoids as tracers for biomass combustion aerosols. <i>Journal of Atmospheric Chemistry</i> , 1994, 18, 1-15.	3.2	75
119	Epicuticular waxes from vascular plants and particles in the lower troposphere: Analysis of lipid classes by latroscan thin-layer chromatography with flame ionization detection. <i>Journal of Atmospheric Chemistry</i> , 1994, 18, 17-31.	3.2	5
120	Sources of Fine Organic Aerosol. 6. Cigaret Smoke in the Urban Atmosphere. <i>Environmental Science & Technology</i> , 1994, 28, 1375-1388.	10.0	258
121	Seasonal Trends in Los Angeles Ambient Organic Aerosol Observed by High-Resolution Gas Chromatography. <i>Aerosol Science and Technology</i> , 1994, 20, 303-317.	3.1	35
122	Lignin pyrolysis products, lignans, and resin acids as specific tracers of plant classes in emissions from biomass combustion. <i>Environmental Science & Technology</i> , 1993, 27, 2533-2541.	10.0	393
123	Sources of fine organic aerosol. 5. Natural gas home appliances. <i>Environmental Science & Technology</i> , 1993, 27, 2736-2744.	10.0	303
124	Sources of fine organic aerosol. 4. Particulate abrasion products from leaf surfaces of urban plants. <i>Environmental Science & Technology</i> , 1993, 27, 2700-2711.	10.0	512
125	Mathematical modeling of urban organic aerosol: properties measured by high-resolution gas chromatography. <i>Environmental Science & Technology</i> , 1993, 27, 2045-2055.	10.0	40
126	Sources of fine organic aerosol. 2. Noncatalyst and catalyst-equipped automobiles and heavy-duty diesel trucks. <i>Environmental Science & Technology</i> , 1993, 27, 636-651.	10.0	1,369

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127	Sources of fine organic aerosol. 3. Road dust, tire debris, and organometallic brake lining dust: roads as sources and sinks. <i>Environmental Science & Technology</i> , 1993, 27, 1892-1904.	10.0	714
128	Hydrothermal Alteration of Organic Matter in Marine and Terrestrial Systems. <i>Topics in Geobiology</i> , 1993, , 397-418.	0.5	24
129	Global distribution of tris(4-chlorophenyl)methanol in high tropic level birds and mammals. <i>Environmental Science & Technology</i> , 1992, 26, 1770-1774.	10.0	91
130	Chapter 4 Aqueous organic geochemistry at high temperature/high pressure. <i>Origins of Life and Evolution of Biospheres</i> , 1992, 22, 43-65.	1.9	38
131	Chapter 10 Future research. <i>Origins of Life and Evolution of Biospheres</i> , 1992, 22, 181-190.	1.9	50
132	Sources of fine organic aerosol. 1. Charbroilers and meat cooking operations. <i>Environmental Science & Technology</i> , 1991, 25, 1112-1125.	10.0	692
133	Quantitative characterization of urban sources of organic aerosol by high-resolution gas chromatography. <i>Environmental Science & Technology</i> , 1991, 25, 1311-1325.	10.0	107
134	Biological input to visibility-reducing aerosol particles in the remote arid southwestern United States. <i>Environmental Science & Technology</i> , 1991, 25, 684-694.	10.0	104
135	Organic matter of the troposphere ? V: Application of molecular marker analysis to biogenic emissions into the troposphere for source reconciliations. <i>Journal of Atmospheric Chemistry</i> , 1989, 8, 251-275.	3.2	269
136	Hydrothermal oil of Guaymas Basin and implications for petroleum formation mechanisms. <i>Nature</i> , 1989, 342, 65-69.	27.8	112
137	Organic Tracers in Ambient Aerosols and Rain. <i>Aerosol Science and Technology</i> , 1989, 10, 267-291.	3.1	41
138	Interpretation of High-Resolution Gas Chromatography and High-Resolution Gas Chromatography / Mass Spectrometry Data Acquired from Atmospheric Organic Aerosol Samples. <i>Aerosol Science and Technology</i> , 1989, 10, 408-420.	3.1	88
139	Characterization of extractable plant wax, resin, and thermally matured components in smoke particles from prescribed burns. <i>Environmental Science & Technology</i> , 1987, 21, 163-169.	10.0	131
140	Quantitative High - Resolution Gas Chromatography and High - Resolution Gas Chromatography/Mass Spectrometry Analyses of Carbonaceous Fine Aerosol Particles. <i>International Journal of Environmental Analytical Chemistry</i> , 1987, 29, 119-139.	3.3	111
141	Characterization of Organic Constituents in Aerosols in Relation to Their origin and Transport: A Review. <i>International Journal of Environmental Analytical Chemistry</i> , 1986, 23, 207-237.	3.3	258
142	Hydrothermal petroleum: genesis, migration, and deposition in Guaymas Basin, Gulf of California. <i>Canadian Journal of Earth Sciences</i> , 1985, 22, 1919-1929.	1.3	144
143	Application of Molecular Marker Analysis to Vehicular Exhaust for Source Reconciliations. <i>International Journal of Environmental Analytical Chemistry</i> , 1985, 22, 203-232.	3.3	243
144	Effects of Hydrothermal Activity on Sedimentary Organic Matter: Guaymas Basin, Gulf of California " Petroleum Genesis and Proto-Kerogen Degradation. , 1983, , 451-471.		11

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145	Some Applications of Computerized GC-MS to the Determination of Biogenic and Anthropogenic Organic Matter in the Environment. International Journal of Environmental Analytical Chemistry, 1982, 12, 177-193.	3.3	28
146	Hydrothermal petroleum in mineralized mounds at the seabed of Guaymas Basin. Nature, 1982, 295, 198-202.	27.8	283
147	Extractable organic matter in urban stormwater runoff. 2. Molecular characterization. Environmental Science & Technology, 1981, 15, 315-326.	10.0	77
148	Contamination of the Lake Tahoe Air Basin by High Molecular Weight Petroleum Residues. Journal of the Air Pollution Control Association, 1980, 30, 387-390.	0.5	41
149	Thermal alteration of Cretaceous black shale by basaltic intrusions in the Eastern Atlantic. Nature, 1978, 273, 501-504.	27.8	84
150	Biogenic lipids in particulates from the lower atmosphere over the eastern Atlantic. Nature, 1977, 267, 682-685.	27.8	186
151	Atmospheric Transport of Terrestrial Organic Matter to the Sea. , 0, , 165-208.		10