Thomas Ramdahl

List of Publications by Year
in descending order

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28 papers	2,154 citations	394286 19 h-index	526166 27 g-index
28 all docs	28 docs citations	28 times ranked	1252 citing authors

#	Article	IF	Citations
1	Reteneâ€”a molecular marker of wood combustion in ambient air. Nature, 1983, 306, 580-582.	13.7	493
2	The formation of nitro-PAH from the gas-phase reactions of fluoranthene and pyrene with the OH radical in the presence of NOx. Atmospheric Environment, 1986, 20, 2339-2345.	1.1	273
3	Ubiquitous occurrence of 2-nitrofluoranthene and 2-nitropyrene in air. Nature, 1986, 321, 425-427.	13.7	158
4	Nitrated polycyclic aromatic hydrocarbons in urban air particles. Environmental Science & Technology, 1982, 16, 861-865.	4.6	136
5	Occurrence of nitro-pah in the atmosphere in a rural area. Atmospheric Environment, 1984, 18, 2159-2165.	1.1	131
6	Polycyclic aromatic ketones in environmental samples. Environmental Science & Technology, 1983, 17, 666-670.	4.6	106
7	Reaction of dinitrogen pentoxide with fluoranthene. Journal of the American Chemical Society, 1986, 108, 4126-4132.	6.6	99
8	Determination of nitrated polycyclic aromatic hydrocarbons by fused silica capillary gas chromatography/negative ion chemical ionization mass spectrometry. Analytical Chemistry, 1982, 54, 2256-2260.	3.2	94
9	Chemical and biological characterization of emissions from small residential stoves burning wood and charcoal. Chemosphere, 1982, 11, 601-611.	4.2	82
10	A Possible formation pathway for the 2-nitrofluoranthene observed in ambient particulate organic matter. Atmospheric Environment, 1986, 20, 235-238.	1.1	67
11	Characterization of polynuclear aromatic hydrocarbon derivatives in emissions from wood and cereal straw combustion. Analytica Chimica Acta, 1982, 144, 83-91.	2.6	63
12	Contribution of wood combustion to indoor air pollution as measured by mutagenicity inSalmonella and polycyclic aromatic hydrocarbon concentration. Environmental Mutagenesis, 1984, 6, 121-130.	1.4	63
13	Mutagenicity of polycyclic aromatic compounds (PAC) identified in source emissions and ambient air. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1985, 157, 149-156.	1.2	59
14	Factors influencing the reactivity of polycyclic aromatic hydrocarbons adsorbed on filters and ambient POM with ozone. Chemosphere, 1986, 15, 675-685.	4.2	58
15	Carotenoids of Marine Sponges. Biochemical Systematics and Ecology, 1982, 10, 167-174.	0.6	51
16	Mutagenicity testing of high performance liquid chromatography fractions from wood stove emission samples using a modifiedSalmonella assay requiring smaller sample volumes. Environmental Mutagenesis, 1984, 6, 91-102.	1.4	46
17	Nitration of polycyclic aromatic hydrocarbons adsorbed to different carriers in a fluidized bed reactor. Chemosphere, 1984, 13, 527-534.	4.2	29
18	Characterization of polar compounds such as polycyclic aromatic ketones in air pollution including wood smoke. Environment International, 1985, 11, 197-203.	4.8	26

#	Article	IF	Citations
19	Chemical and biological characterization of emissions from a cereal straw burning furnace. Chemosphere, 1983, 12, 23-34.	4.2	21
20	The Power of 14C Measurements Combined with Chemical Characterization for Tracing Urban Aerosol in Norway. Radiocarbon, 1986, 28, 673-680.	0.8	15
21	Carotenoids from the marine sponge lanthella basta. Biochemical Systematics and Ecology, 1981, 9, 211-213.	0.6	14
22	Potential for artifact formation during Tenax sampling of polycyclic aromatic hydrocarbons. Journal of Chromatography A, 1986, 363, 382-386.	1.8	14
23	PAH Emission from Various Sources and their Evolution Over the Last Decades. , 1983, , 277-297.		12
24	Carotenoid Sulfates. 1. Partial Syntheses of Lycoxanthin Sulfate and Zeaxanthin Disulfate.. Acta Chemica Scandinavica, 1980, 34b, 773-774.	0.7	12
25	Mutagenic activity and PAH-analysis of airborne particles from a woodheating community in Norway. Environment International, 1985, 11, 189-195.	4.8	11
26	Minor Carotenoid Sulfates from lanthella basta. Biochemical Systematics and Ecology, 1983, 11, 267-275.	0.6	9
27	Rapid changes in peat fly ash mutagenicity after release into the atmosphere: a controlled dilution bag study. Environmental Science & Technology, 1986, 20, 684-689.	4.6	6
28	The electron impact mass spectra of Di- and trinitrofluoranthenes. Biological Mass Spectrometry, 1988, 17, 55-62.	0.5	6