

Akira Toriba

List of Publications by Year in descending order

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181
papers

4,683
citations

81743

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183
times ranked

3864
citing authors

#	ARTICLE	IF	CITATIONS
1	Urinary 1-aminopyrene level in Koreans as a biomarker for the amount of exposure to atmospheric 1-nitropyrene. <i>Toxicological Research</i> , 2022, 38, 45-51.	1.1	8
2	Long-Term and Seasonal Changes in Sources of Urban Atmospheric Particulates in the Western Pacific. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2149.	1.3	4
3	Synthesis and Characterization of Hydroxyethylamino- and Pyridyl-Substituted 2-Vinyl Chromone Derivatives for Detection of Cerebral Abnormal Prion Protein Deposits. <i>Chemical and Pharmaceutical Bulletin</i> , 2022, 70, 211-219.	0.6	1
4	Hydroxylated benzo[c]phenanthrene metabolites cause osteoblast apoptosis and skeletal abnormalities in fish. <i>Ecotoxicology and Environmental Safety</i> , 2022, 234, 113401.	2.9	8
5	Yearly variation in characteristics and health risk of polycyclic aromatic hydrocarbons and nitro-PAHs in urban shanghai from 2010–2018. <i>Journal of Environmental Sciences</i> , 2021, 99, 72-79.	3.2	30
6	Long-term variability of inorganic ions in TSP at a remote background site in Japan (Wajima) from 2005 to 2015. <i>Chemosphere</i> , 2021, 264, 128427.	4.2	17
7	What is necessary for next-generation atmospheric environmental standards? Recent research trends for PM 2.5-bound polycyclic aromatic hydrocarbons and their derivatives. <i>Biomedical Chromatography</i> , 2021, 35, e5038.	0.8	8
8	Atmospheric Behaviour of Polycyclic and Nitro-Polycyclic Aromatic Hydrocarbons and Water-Soluble Inorganic Ions in Winter in Kirishima, a Typical Japanese Commercial City. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 688.	1.2	8
9	Exposure to Atmospheric Particulate Matter-Bound Polycyclic Aromatic Hydrocarbons and Their Health Effects: A Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2177.	1.2	60
10	Characteristics and Health Risks of Polycyclic Aromatic Hydrocarbons and Nitro-PAHs in Xinxiang, China in 2015 and 2017. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3017.	1.2	11
11	Impact of COVID-19 Outbreak on the Long-Range Transport of Common Air Pollutants in KUWAMS. <i>Chemical and Pharmaceutical Bulletin</i> , 2021, 69, 237-245.	0.6	14
12	Assessing Approaches of Human Inhalation Exposure to Polycyclic Aromatic Hydrocarbons: A Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3124.	1.2	16
13	Characteristics and unique sources of polycyclic aromatic hydrocarbons and nitro-polycyclic aromatic hydrocarbons in PM _{2.5} at a highland background site in northwestern China. <i>Environmental Pollution</i> , 2021, 274, 116527.	3.7	22
14	Synthesis and Characterization of Radiogallium-Labeled Cationic Amphiphilic Peptides as Tumor Imaging Agents. <i>Cancers</i> , 2021, 13, 2388.	1.7	4
15	Emission factors of selected air pollutants from rice straw burning in Hanoi, Vietnam. <i>Air Quality, Atmosphere and Health</i> , 2021, 14, 1757-1771.	1.5	13
16	Calculating source contributions to urban atmospheric polycyclic aromatic hydrocarbons and nitropolycyclic aromatic hydrocarbons using 1-nitropyrene and pyrene: An application to an Asian dust event. <i>Chemosphere</i> , 2021, 280, 130662.	4.2	6
17	Polycyclic aromatic hydrocarbons and nitro-polycyclic aromatic hydrocarbons in five East Asian cities: Seasonal characteristics, health risks, and yearly variations. <i>Environmental Pollution</i> , 2021, 287, 117360.	3.7	21
18	Size distribution of particulate polycyclic aromatic hydrocarbons in fresh combustion smoke and ambient air: A review. <i>Journal of Environmental Sciences</i> , 2020, 88, 370-384.	3.2	84

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19	PM2.5-bound polycyclic aromatic hydrocarbons and nitro-polycyclic aromatic hydrocarbons inside and outside a primary school classroom in Beijing: Concentration, composition, and inhalation cancer risk. <i>Science of the Total Environment</i> , 2020, 705, 135840.	3.9	43
20	Comparative Analysis of PM2.5-Bound Polycyclic Aromatic Hydrocarbons (PAHs), Nitro-PAHs (NPAHs), and Water-Soluble Inorganic Ions (WSIIs) at Two Background Sites in Japan. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8224.	1.2	17
21	Calculating sources of combustion-derived particulates using 1-nitropyrene and pyrene as markers. <i>Environmental Pollution</i> , 2020, 265, 114730.	3.7	14
22	Characteristics of Polycyclic Aromatic Hydrocarbons (PAHs) and Common Air Pollutants at Wajima, a Remote Background Site in Japan. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 957.	1.2	24
23	Characteristics of PM2.5-Bound Polycyclic Aromatic Hydrocarbons and Nitro-Polycyclic Aromatic Hydrocarbons at A Roadside Air Pollution Monitoring Station in Kanazawa, Japan. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 805.	1.2	45
24	Natural aeolian dust particles have no substantial effect on atmospheric polycyclic aromatic hydrocarbons (PAHs): A laboratory study based on naphthalene. <i>Environmental Pollution</i> , 2020, 263, 114454.	3.7	12
25	Long-Term Trends in Urban Atmospheric Polycyclic Aromatic Hydrocarbons and Nitropolycyclic Aromatic Hydrocarbons: China, Russia, and Korea from 1999 to 2014. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 431.	1.2	28
26	The Characteristics of Polycyclic Aromatic Hydrocarbons in Different Emission Source Areas in Shenyang, China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2817.	1.2	38
27	Investigation of inflammation inducing substances in PM2.5 particles by an elimination method using thermal decomposition. <i>Environmental Toxicology</i> , 2019, 34, 1137-1148.	2.1	8
28	Emission Characteristics of Polycyclic Aromatic Hydrocarbons and Nitro-Polycyclic Aromatic Hydrocarbons from Open Burning of Rice Straw in the North of Vietnam. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2343.	1.2	27
29	Characteristics of air pollutants inside and outside a primary school classroom in Beijing and respiratory health impact on children. <i>Environmental Pollution</i> , 2019, 255, 113147.	3.7	44
30	Quantification of Hydroxylated Polycyclic Aromatic Hydrocarbons in Airborne Particulate Matter by GC/MS. <i>Bunseki Kagaku</i> , 2019, 68, 839-845.	0.1	4
31	Characteristics and Health Risks of Particulate Polycyclic Aromatic Hydrocarbons and Nitro-polycyclic Aromatic Hydrocarbons at Urban and Suburban Elementary Schools in Shanghai, China. <i>Asian Journal of Atmospheric Environment</i> , 2019, 13, 266-275.	0.4	20
32	Toxicities of Polycyclic Aromatic Hydrocarbons in Fish and Marine Invertebrates. , 2018, , 245-259.		4
33	Atmospheric Polycyclic Aromatic Hydrocarbons and Nitropolycyclic Aromatic Hydrocarbons in Thailand. , 2018, , 117-136.		1
34	Analytical Methods for Oxidative Derivatives of PAHs Including Application to Environmental and Biological Samples. , 2018, , 41-55.		1
35	Persistent organic pollutants in red-crowned cranes (<i>Grus japonensis</i>) from Hokkaido, Japan. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 367-372.	2.9	5
36	Long term trends in atmospheric concentrations of polycyclic aromatic hydrocarbons and nitropolycyclic aromatic hydrocarbons: A study of Japanese cities from 1997 to 2014. <i>Environmental Pollution</i> , 2018, 233, 474-482.	3.7	48

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37	Atmospheric behaviors of particulate-bound polycyclic aromatic hydrocarbons and nitropolycyclic aromatic hydrocarbons in Beijing, China from 2004 to 2010. <i>Atmospheric Environment</i> , 2017, 152, 354-361.	1.9	50
38	High volume air sampler for environmental nanoparticles using a sharp-cut inertial filter combined with an impactor. <i>Measurement Science and Technology</i> , 2017, 28, 025801.	1.4	2
39	Personal inhalation exposure to polycyclic aromatic hydrocarbons and their nitro-derivatives in rural residents in northern Thailand. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 510.	1.3	9
40	Polycyclic aromatic hydrocarbons and their nitro derivatives from indoor biomass-fueled cooking in two rural areas of Thailand: a case study. <i>Air Quality, Atmosphere and Health</i> , 2017, 10, 747-761.	1.5	24
41	Size Distribution of Chlorinated Polycyclic Aromatic Hydrocarbons in Atmospheric Particles. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 72, 58-64.	2.1	14
42	Recent analytical methods for atmospheric polycyclic aromatic hydrocarbons and their derivatives. <i>Biomedical Chromatography</i> , 2017, 31, e3862.	0.8	21
43	Development of a Sharp-Cut Inertial Filter Combined with an Impactor. <i>Aerosol and Air Quality Research</i> , 2017, 17, 644-652.	0.9	7
44	Simultaneous Determination of Polycyclic Aromatic Hydrocarbons and Their Nitro-derivatives in Airborne Particulates by Using Two-dimensional High-performance Liquid Chromatography with On-line Reduction and Fluorescence Detection. <i>Asian Journal of Atmospheric Environment</i> , 2017, 11, 283-299.	0.4	13
45	Polycyclic Aromatic Hydrocarbons in Surface Water of the Southeastern Japan Sea. <i>Chemical and Pharmaceutical Bulletin</i> , 2016, 64, 625-631.	0.6	28
46	Nitro-PAH exposures of occupationally-exposed traffic workers and associated urinary 1-nitropyrene metabolite concentrations. <i>Journal of Environmental Sciences</i> , 2016, 49, 213-221.	3.2	17
47	Benzo[c]fluorene in Urban Air: HPLC Determination and Mutagenic Contribution Relative to Benzo[a]pyrene. <i>Analytical Sciences</i> , 2016, 32, 233-236.	0.8	9
48	Comparison of Air Pollution in Metropolises in China (Beijing) and Japan (Osaka and Nagoya) on the Basis of the Levels of Contaminants and Mutagenicity. <i>Biological and Pharmaceutical Bulletin</i> , 2016, 39, 415-422.	0.6	6
49	Mineral dust aerosols promote the formation of toxic nitropolycyclic aromatic compounds. <i>Scientific Reports</i> , 2016, 6, 24427.	1.6	45
50	Seawater Polluted with Highly Concentrated Polycyclic Aromatic Hydrocarbons Suppresses Osteoblastic Activity in the Scales of Goldfish, <i>Carassius auratus</i> . <i>Zoological Science</i> , 2016, 33, 407-413.	0.3	10
51	Size Distribution of Dechloranes in Particulate Matter. <i>Journal of Environmental Chemistry</i> , 2016, 26, 89-93.	0.1	0
52	Spatial correlativity of atmospheric particulate components simultaneously collected in Japan. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 85.	1.3	0
53	Simple Method for Determination of Fungicides in Citrus Fruits by Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2016, 9, 3345-3351.	1.3	9
54	Simultaneous determination of polycyclic aromatic hydrocarbon quinones by gas chromatography-tandem mass spectrometry, following a one-pot reductive trimethylsilyl derivatization. <i>Journal of Chromatography A</i> , 2016, 1459, 89-100.	1.8	22

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55	Atmospheric Polycyclic and Nitropolycyclic Aromatic Hydrocarbons in an Iron-manufacturing City. <i>Asian Journal of Atmospheric Environment</i> , 2016, 10, 90-98.	0.4	14
56	Polycyclic Aromatic Hydrocarbons and Nitropolycyclic Aromatic Hydrocarbons in Atmospheric Particles and Soil at a Traffic Site in Hanoi, Vietnam. <i>Polycyclic Aromatic Compounds</i> , 2015, 35, 355-371.	1.4	20
57	A Method for Simultaneous Determination of 20 Fusarium Toxins in Cereals by High-Resolution Liquid Chromatography-Orbitrap Mass Spectrometry with a Pentafluorophenyl Column. <i>Toxins</i> , 2015, 7, 1664-1682.	1.5	32
58	Identification and Characterization of Oxidative Metabolites of 1-Chloropyrene. <i>Chemical Research in Toxicology</i> , 2015, 28, 1728-1736.	1.7	9
59	Identification and Quantification of Fumonisin A1, A2, and A3 in Corn by High-Resolution Liquid Chromatography-Orbitrap Mass Spectrometry. <i>Toxins</i> , 2015, 7, 582-592.	1.5	9
60	Monohydroxylated polycyclic aromatic hydrocarbons influence spicule formation in the early development of sea urchins (<i>Hemicentrotus pulcherrimus</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 171, 55-60.	1.3	17
61	Atmospheric behaviors of polycyclic aromatic hydrocarbons at a Japanese remote background site, Noto peninsula, from 2004 to 2014. <i>Atmospheric Environment</i> , 2015, 120, 144-151.	1.9	38
62	Dechlorane Plus and decabromodiphenyl ether in atmospheric particles of northeast Asian cities. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14600-14605.	2.7	11
63	Development of PM0.1 Personal Sampler for Evaluation of Personal Exposure to Aerosol Nanoparticles. <i>Aerosol and Air Quality Research</i> , 2015, 15, 180-187.	0.9	11
64	Air Pollution with Particulate Matter and Mutagens: Relevance of Asian Dust to Mutagenicity of Airborne Particles in Japan. <i>Genes and Environment</i> , 2014, 36, 120-136.	0.9	8
65	Atmospheric Behaviors of Polycyclic Aromatic Hydrocarbons in East Asia. <i>Genes and Environment</i> , 2014, 36, 152-159.	0.9	10
66	Characterization of Fumonisin A-Series by High-Resolution Liquid Chromatography-Orbitrap Mass Spectrometry. <i>Toxins</i> , 2014, 6, 2580-2593.	1.5	12
67	Factors affecting atmospheric 1-, 2-nitropyrenes and 2-nitrofluoranthene in winter at Noto peninsula, a remote background site, Japan. <i>Chemosphere</i> , 2014, 107, 324-330.	4.2	34
68	Polychlorinated biphenyl (118) activates osteoclasts and induces bone resorption in goldfish. <i>Environmental Science and Pollution Research</i> , 2014, 21, 6365-6372.	2.7	14
69	Identification and Quantification of in Vivo Metabolites of 9,10-Phenanthrenequinone in Human Urine Associated with Producing Reactive Oxygen Species. <i>Chemical Research in Toxicology</i> , 2014, 27, 76-85.	1.7	21
70	Atmospheric chlorinated polycyclic aromatic hydrocarbons in East Asia. <i>Chemosphere</i> , 2014, 111, 40-46.	4.2	39
71	Inhalation and dietary exposure to Dechlorane Plus and polybrominated diphenyl ethers in Osaka, Japan. <i>Ecotoxicology and Environmental Safety</i> , 2014, 99, 69-73.	2.9	41
72	Quantification of Polycyclic Aromatic Hydrocarbons (PAHs) in Cigarette Smoke Particulates by HPLC with Fluorescence Detection. <i>Bunseki Kagaku</i> , 2014, 63, 23-29.	0.1	1

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73	Influence of Biomass Burning on the Levels of Atmospheric Polycyclic Aromatic Hydrocarbons and Their Nitro Derivatives in Chiang Mai, Thailand. <i>Aerosol and Air Quality Research</i> , 2014, 14, 1247-1257.	0.9	47
74	Polycyclic aromatic hydrocarbons and nitropolycyclic aromatic hydrocarbons in particulates emitted by motorcycles. <i>Environmental Pollution</i> , 2013, 183, 175-183.	3.7	70
75	An analytical method for measuring α -amylase activity in starch-containing foods. <i>Biomedical Chromatography</i> , 2013, 27, 583-588.	0.8	7
76	Evaluation of urinary metabolites of 1-nitropyrene as biomarkers for exposure to diesel exhaust in taxi drivers of Shenyang, China. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2013, 23, 170-175.	1.8	34
77	Determination of Selected Nitropolycyclic Aromatic Hydrocarbons in Water Samples. <i>Chemical and Pharmaceutical Bulletin</i> , 2013, 61, 1269-1274.	0.6	18
78	Characteristics of Atmospheric Polycyclic Aromatic Hydrocarbons in Shenyang, Shanghai and Fuzhou, China. <i>Bunseki Kagaku</i> , 2013, 62, 267-273.	0.1	9
79	Improvement of the Analytical Method for Quinoid Polycyclic Aromatic Hydrocarbons Using HPLC with In-line Reduction and Fluorescence Detection: Application to Soluble Organic Fraction of Airborne Particles. <i>Bunseki Kagaku</i> , 2013, 62, 979-984.	0.1	0
80	Effect of Starch on the Inactivation of Amylase in Starch-Containing Foods. <i>Food Science and Technology Research</i> , 2013, 19, 989-993.	0.3	3
81	Biological Effects of Polycyclic Aromatic Hydrocarbon Derivatives. <i>Journal of UOEH</i> , 2013, 35, 17-24.	0.3	27
82	Search of components causing matrix effects on GC/MS for pesticide analysis in food. <i>Journal of Pesticide Sciences</i> , 2012, 37, 156-163.	0.8	21
83	Characteristics of Atmospheric Polycyclic Aromatic Hydrocarbons and Nitropolycyclic Aromatic Hydrocarbons in Hanoi-Vietnam, as a Typical Motorbike City. <i>Polycyclic Aromatic Compounds</i> , 2012, 32, 296-312.	1.4	20
84	Decrease in the matrix effect of GC/MS by a gold-plated ion source. <i>Journal of Pesticide Sciences</i> , 2012, 37, 148-155.	0.8	8
85	Personal and Atmospheric Concentrations of Ozone in Southeastern Hyogo Prefecture, Japan. <i>Chemical and Pharmaceutical Bulletin</i> , 2012, 60, 962-966.	0.6	4
86	Deoxidation of Fenthion Sulfoxide, Fenthion Oxon Sulfoxide and Fensulfothion in Gas Chromatograph/Mass Spectrometer, and the Prevention of Sulfoxide Deoxidation by Polyethylene Glycol 300. <i>Analytical Sciences</i> , 2012, 28, 669-673.	0.8	0
87	On-Line Concentration and Fluorescence Determination HPLC for Polycyclic Aromatic Hydrocarbons in Seawater Samples and Its Application to Japan Sea. <i>Chemical and Pharmaceutical Bulletin</i> , 2012, 60, 531-535.	0.6	14
88	Atmospheric Formation of Hydroxynitrofluoranthene from Photochemical Reactions of 2-Nitrofluoranthene. <i>Polycyclic Aromatic Compounds</i> , 2012, 32, 177-187.	1.4	2
89	Analysis of 8-hydroxy-2'-deoxyguanosine in human urine using hydrophilic interaction chromatography with tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 893-894, 173-176.	1.2	18
90	Detection of Dechlorane Plus and brominated flame retardants in marketed fish in Japan. <i>Chemosphere</i> , 2012, 89, 416-419.	4.2	43

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91	Matrix Behavior during Sample Preparation Using Metabolomics Analysis Approach for Pesticide Residue Analysis by GC-MS in Agricultural Products. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 10226-10234.	2.4	22
92	Gene Expression Changes of Phases I and II Metabolizing Enzymes Induced by PAH Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2012, 32, 141-153.	1.4	4
93	Determination of Benzo[<i>a</i>]pyrene-7,10-quinone in Airborne Particulates by Using a Chemiluminescence Reaction of Hydrogen Peroxide and Hydrosulfite. <i>Analytical Chemistry</i> , 2012, 84, 3215-3221.	3.2	36
94	Effect of Partial Gelatinization during Precooking Operation on the Viscosity of Retort Curry. <i>Japan Journal of Food Engineering</i> , 2012, 13, 43-49.	0.1	1
95	Atmospheric Formation of Hydroxynitropyrenes from a Photochemical Reaction of Particle-Associated 1-Nitropyrene. <i>Environmental Science & Technology</i> , 2011, 45, 3325-3332.	4.6	27
96	Hydrogen peroxide-sodium hydrosulfite chemiluminescence system combined with high-performance liquid chromatography for determination of 1-hydroxypyrene in airborne particulates. <i>Talanta</i> , 2011, 85, 2711-2714.	2.9	16
97	Mutagenicities and Endocrine-disrupting Activities of 1-Hydroxy-2-nitropyrene and 1-Hydroxy-5-nitropyrene. <i>Journal of Health Science</i> , 2011, 57, 372-377.	0.9	10
98	Estrogenic/Antiestrogenic Activities of Quinoid Polycyclic Aromatic Hydrocarbons. <i>Journal of Health Science</i> , 2011, 57, 274-280.	0.9	14
99	Atmospheric concentrations of polycyclic aromatic hydrocarbons and selected nitrated derivatives in Greater Cairo, Egypt. <i>Atmospheric Environment</i> , 2011, 45, 7352-7359.	1.9	47
100	Recent Changes in Atmospheric Polycyclic Aromatic Hydrocarbons (PAHs) and Nitropolycyclic Aromatic Hydrocarbons (NPAHs) in Shenyang, China. <i>Environmental Forensics</i> , 2011, 12, 342-348.	1.3	24
101	Development of HPLC Determination Method for Trace Levels of 1-, 2-Nitropyrenes and 2-Nitrofluoranthene in Airborne Particulates and Its Application to Samples Collected at Noto Peninsula. <i>Asian Journal of Atmospheric Environment</i> , 2011, 5, 146-151.	0.4	6
102	The Contributions of PAHs and Dioxins to Aryl Hydrocarbon Receptor Binding Activity of Airborne Particles in Beijing, China and Kanazawa, Japan. <i>Journal of Environmental Chemistry</i> , 2011, 21, 27-33.	0.1	1
103	A Survey of the Occurrence of Fusarium Mycotoxins in Biscuits in Japan by Using LC/MS. <i>Journal of Health Science</i> , 2010, 56, 188-194.	0.9	25
104	Determination of <i>Fusarium</i> mycotoxins by liquid chromatography/tandem mass spectrometry coupled with immunoaffinity extraction. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 2445-2452.	0.7	24
105	Exposures to Particulate Air Pollution and Nitro-Polycyclic Aromatic Hydrocarbons among Taxi Drivers in Shenyang, China. <i>Environmental Science & Technology</i> , 2010, 44, 216-221.	4.6	39
106	Quantification of Iprodione in Dry Basil Using Silica Gel Supported Titanium Dioxide. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 1416-1419.	2.4	0
107	Indirect- and direct-acting mutagenicity of diesel, coal and wood burning-derived particulates and contribution of polycyclic aromatic hydrocarbons and nitropolycyclic aromatic hydrocarbons. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 695, 29-34.	0.9	63
108	Determination of particle-associated hydroxynitropyrenes with correction for chemical degradation on a quartz fibre filter during high volume air sampling. <i>International Journal of Environmental Analytical Chemistry</i> , 2010, 90, 976-987.	1.8	12

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109	Toxic effect of polycyclic aromatic hydrocarbon metabolites on fish bone metabolism. WIT Transactions on Ecology and the Environment, 2010, , .	0.0	0
110	Long-range transport of fluoride in East Asia monitored at Noto Peninsula, Japan. Science of the Total Environment, 2009, 407, 4681-4686.	3.9	7
111	Determination of nivalenol and deoxynivalenol by liquid chromatography/atmospheric pressure photoionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2009, 23, 3119-3124.	0.7	33
112	Determination of 1-nitropyrene in low volume ambient air samples by high-performance liquid chromatography with fluorescence detection. Journal of Chromatography A, 2009, 1216, 4625-4628.	1.8	8
113	Determination of airborne particle-associated benz[a]anthracene-7,12-quinone using high-performance liquid chromatography with in-line reduction and fluorescence detection. Journal of Chromatography A, 2009, 1216, 6758-6761.	1.8	14
114	Analysis of Atmospheric Polycyclic Aromatic Hydrocarbons and Nitropolycyclic Aromatic Hydrocarbons in Gas/Particle Phases Separately Collected by a High-volume Air Sampler Equipped with a Column Packed with XAD-4 Resin. Journal of Health Science, 2009, 55, 77-85.	0.9	46
115	Oxidative Stress More Strongly Induced by ortho- Than para-quinoid Polycyclic Aromatic Hydrocarbons in A549 Cells. Journal of Health Science, 2009, 55, 845-850.	0.9	59
116	Distribution and Source of Atmospheric Polycyclic Aromatic Hydrocarbons and Nitropolycyclic Aromatic Hydrocarbons in Tieling City, Liaoning Province, a Typical Local City in Northeast China. Asian Journal of Atmospheric Environment, 2009, 3, 52-58.	0.4	17
117	Direct measurement of the glucuronide conjugate of 1-hydroxypyrene in human urine by using liquid chromatography with tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 867, 259-263.	1.2	33
118	Thin Layer Chromatography/Fluorescence Detection of 3,4-Methylenedioxy-Methamphetamine and Related Compounds. Journal of Forensic Sciences, 2008, 53, 1367-1371.	0.9	14
119	INTERACTION OF HYDROXYLATED POLYCYCLIC AROMATIC HYDROCARBONS TO ESTROGEN RECEPTOR. Polycyclic Aromatic Compounds, 2008, 28, 382-391.	1.4	11
120	Activation of 5-Lipoxygenase and NF- κ B in the Action of Acenaphthenequinone by Modulation of Oxidative Stress. Toxicological Sciences, 2008, 101, 152-158.	1.4	11
121	Evaluation of Endocrine Disrupting Activities of Monohydroxylated Derivatives of 1-nitropyrene by Yeast Two-hybrid Assay. Journal of Health Science, 2008, 54, 118-122.	0.9	9
122	A Clean-up Method by Photocatalysis for HPLC Analysis of Iprodione in Dry Basil. Analytical Sciences, 2008, 24, 1053-1055.	0.8	2
123	An Environmental Quinoid Polycyclic Aromatic Hydrocarbon, Acenaphthenequinone, Modulates Cyclooxygenase-2 Expression through Reactive Oxygen Species Generation and Nuclear Factor Kappa B Activation in A549 Cells. Toxicological Sciences, 2007, 95, 348-355.	1.4	50
124	Development of Analytical Methods for Hazardous Nitropolycyclic Aromatic Hydrocarbons and Studies on Their Environmental Behavior. Bunseki Kagaku, 2007, 56, 905-920.	0.1	2
125	Estrogenic/Antiestrogenic Activities of Polycyclic Aromatic Hydrocarbons and Their Monohydroxylated Derivatives by Yeast Two-Hybrid Assay. Journal of Health Science, 2007, 53, 562-570.	0.9	87
126	Biomarkers of Exposure to Polycyclic Aromatic Hydrocarbons and Related Compounds. Journal of Health Science, 2007, 53, 631-638.	0.9	15

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127	Identification and Quantification of 1-Nitropyrene Metabolites in Human Urine as a Proposed Biomarker for Exposure to Diesel Exhaust. <i>Chemical Research in Toxicology</i> , 2007, 20, 999-1007.	1.7	59
128	Particulate Polycyclic Aromatic Hydrocarbons and Their Nitrated Derivatives in Three Cities in Liaoning Province, China. <i>Environmental Forensics</i> , 2007, 8, 165-172.	1.3	46
129	Identification of estrogenic/anti-estrogenic compounds in diesel exhaust particulate extract. <i>Biomedical Chromatography</i> , 2007, 21, 1135-1142.	0.8	22
130	Rapid and sensitive determination of tryptophan, serotonin and psychoactive tryptamines by thin-layer chromatography/fluorescence detection. <i>Journal of Chromatography A</i> , 2007, 1145, 229-233.	1.8	30
131	Analysis of 1-nitropyrene in air particulate matter standard reference materials by using two-dimensional high performance liquid chromatography with online reduction and tandem mass spectrometry detection. <i>Journal of Chromatography A</i> , 2007, 1167, 154-160.	1.8	21
132	Long-range transport of polycyclic aromatic hydrocarbons from China to Japan. <i>Atmospheric Environment</i> , 2007, 41, 2710-2718.	1.9	95
133	Atmospheric Behaviors of Polycyclic Aromatic Hydrocarbons and Nitropolycyclic Aromatic Hydrocarbons in East Asia. <i>Asian Journal of Atmospheric Environment</i> , 2007, 1, 19-27.	0.4	19
134	Damage to and recovery of coastlines polluted with C-heavy oil spilled from the Nakhodka. <i>Water Research</i> , 2006, 40, 981-989.	5.3	32
135	Homologue and isomer distribution of dioxins observed in water samples collected from Kahokugata Lagoon and inflowing rivers, Japan. <i>Water Research</i> , 2006, 40, 1929-1940.	5.3	23
136	Seasonal Change of Gas/Particle Partitioning of Atmospheric Dioxins. <i>Journal of Health Science</i> , 2006, 52, 50-57.	0.9	1
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