

# Takeshi Nakano

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

761  
citations

516561

16  
h-index

526166

27  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1086  
citing authors

#	ARTICLE	IF	CITATIONS
1	Concentration levels and congener profiles of polychlorinated biphenyls, pentachlorobenzene, and hexachlorobenzene in commercial pigments. <i>Environmental Science and Pollution Research</i> , 2014, 21, 998-1009.	2.7	98
2	Discharge of perfluorinated compounds from rivers and their influence on the coastal seas of Hyogo prefecture, Japan. <i>Environmental Pollution</i> , 2014, 184, 397-404.	3.7	52
3	Polychlorinated biphenyl contamination of paints containing polycyclic- and Naphthol AS-type pigments. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14478-14488.	2.7	51
4	Structural basis of species differences between human and experimental animal CYP1A1s in metabolism of 3,3'-di-4,4'-5-pentachlorobiphenyl. <i>Journal of Biochemistry</i> , 2011, 149, 487-494.	0.9	47
5	Environmental risk assessment and concentration trend of atmospheric volatile organic compounds in Hyogo Prefecture, Japan. <i>Environmental Science and Pollution Research</i> , 2012, 19, 201-213.	2.7	40
6	Perfluorinated compounds in sediment samples from the wastewater canal of PanÄevo (Serbia) industrial area. <i>Chemosphere</i> , 2013, 91, 1408-1415.	4.2	37
7	Congener-specific analysis of polychlorinated biphenyl in human blood from Japanese. <i>Environmental Geochemistry and Health</i> , 2005, 27, 65-73.	1.8	33
8	Enantioselectivity of 2,2'-3,5'-6-Pentachlorobiphenyl (PCB 95) Atropisomers toward Ryanodine Receptors (RyRs) and Their Influences on Hippocampal Neuronal Networks. <i>Environmental Science &amp; Technology</i> , 2017, 51, 14406-14416.	4.6	33
9	Distribution of perfluoroalkyl compounds in Osaka Bay and coastal waters of Western Japan. <i>Chemosphere</i> , 2017, 170, 260-265.	4.2	28
10	Absolute Configuration of Atropisomeric Polychlorinated Biphenyl 183 Enantiomerically Enriched in Human Samples. <i>Journal of Physical Chemistry A</i> , 2012, 116, 9340-9346.	1.1	27
11	Unintentional PCB in chlorophenylsilanes as a source of contamination in environmental samples. <i>Journal of Hazardous Materials</i> , 2015, 287, 111-117.	6.5	25
12	Serum Dioxin Levels in Vietnamese Men more than 40 Years after Herbicide Spraying. <i>Environmental Science &amp; Technology</i> , 2014, 48, 3496-3503.	4.6	24
13	The need for better management and control of POPs stockpiles. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14385-14390.	2.7	24
14	Defluorination of perfluoroalkyl acids is followed by production of monofluorinated fatty acids. <i>Science of the Total Environment</i> , 2018, 636, 355-359.	3.9	23
15	Removal of polycyclic aromatic hydrocarbons from soil using a composite material containing iron and activated carbon in the freeze-dried calcium alginate matrix: Novel soil cleanup technique. <i>Journal of Hazardous Materials</i> , 2018, 351, 232-239.	6.5	18
16	Biodegradation of the aromatic fraction from petroleum diesel fuel by <i>Oerskovia</i> sp. followed by comprehensive GC-TOF MS. <i>Journal of Hazardous Materials</i> , 2019, 363, 227-232.	6.5	18
17	Estimation of Polychlorinated Biphenyl Sources in Industrial Port Sediments Using a Bayesian Semifactor Model Considering Unidentified Sources. <i>Environmental Science &amp; Technology</i> , 2016, 50, 765-771.	4.6	16
18	PCBs risk evaluation, environmental protection, and management: 50-year research and counting for elimination by 2028. <i>Environmental Science and Pollution Research</i> , 2018, 25, 16269-16276.	2.7	16

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19	From the Cover: Structural Determinants of the Position of 2,3,4,4',5-Pentachlorobiphenyl (CB118) Hydroxylation by Mammalian Cytochrome P450 Monooxygenases. <i>Toxicological Sciences</i> , 2016, 152, 340-348.	1.4	15
20	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
21	Biodegradation of Isoprenoids, Steranes, Terpanes, and Phenanthrenes During In Situ Bioremediation of Petroleum-Contaminated Groundwater. <i>Clean - Soil, Air, Water</i> , 2017, 45, 1600023.	0.7	12
22	The relationship between dioxins exposure and risk of prostate cancer with steroid hormone and age in Vietnamese men. <i>Science of the Total Environment</i> , 2017, 595, 842-848.	3.9	10
23	Identification and Characterization of Oxidative Metabolites of 1-Chloropyrene. <i>Chemical Research in Toxicology</i> , 2015, 28, 1728-1736.	1.7	9
24	Influence of dioxin exposure upon levels of prostate-specific antigen and steroid hormones in Vietnamese men. <i>Environmental Science and Pollution Research</i> , 2016, 23, 7807-7813.	2.7	9
25	Trends in the enantiomeric composition of polychlorinated biphenyl atropisomers in human breast milk. <i>Environmental Science and Pollution Research</i> , 2016, 23, 2027-2032.	2.7	9
26	Determination of the human cytochrome P450 monooxygenase catalyzing the enantioselective oxidation of 2,3,5,6-pentachlorobiphenyl (PCB 95) and 2,2,3,4,4',5,6-heptachlorobiphenyl (PCB 183). <i>Environmental Science and Pollution Research</i> , 2018, 25, 16420-16426.	2.8	9
27	Metabolic enhancement of 2,3,4,4',5-pentachlorobiphenyl (CB118) using cytochrome P450 monooxygenase isolated from soil bacterium under the presence of perfluorocarboxylic acids (PFCAs) and the structural basis of its metabolism. <i>Chemosphere</i> , 2018, 210, 376-383.	4.2	9
28	Relationship between dioxin and steroid hormones in sera of Vietnamese men. <i>Biomarkers</i> , 2014, 19, 236-240.	0.9	8
29	Monitoring OH-PCBs in PCB transport worker's urine as a non-invasive exposure assessment tool. <i>Environmental Science and Pollution Research</i> , 2018, 25, 16446-16454.	2.7	7
30	Environmental Levels of a Chlorinated Flame Retardant, Dechlorane Plus in Japan. <i>Journal of Environmental Chemistry</i> , 2016, 26, 77-88.	0.1	5
31	Absolute configuration determination through the unique intramolecular excitonic coupling in the circular dichroisms of o,p'-DDT and o,p'-DDD. A combined experimental and theoretical study. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 606-610.	1.6	5
32	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
33	Greener approaches to the measurement of polyaromatic hydrocarbons (PAHs) in unused and used crankcase motor oils from Malaysia. <i>Environmental Science and Pollution Research</i> , 2018, 25, 7206-7211.	2.7	4
34	Elucidation of Affecting Factors in the Analysis of Short-chain Chlorinated Paraffins Using a Candidate Reference Material. <i>Bunseki Kagaku</i> , 2020, 69, 351-356.	0.1	4
35	Comparison of short-chain chlorinated paraffin concentrations and homolog profiles by interlaboratory trial using a candidate reference material. <i>Chemosphere</i> , 2022, 291, 132783.	4.2	4
36	Effect of lower chlorinated hydroxylated-polychlorobiphenyls on development of PC12 cells. <i>Environmental Science and Pollution Research</i> , 2018, 25, 16434-16445.	2.7	3

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37	Catalytic Liquid-phase Oxidation of Bisphenol-A under Moderate Condition Using CeO <sub>2</sub> –ZrO <sub>2</sub> –Bi <sub>2</sub> O <sub>3</sub> Supported on SBA-16. Chemistry Letters, 2017, 46, 257-259.	0.7	2
38	Quantitative and Qualitative Analysis of Organic Halogenated Compounds Unintentionally Generated in Wastewater Treatment Plants using Liquid Chromatography/Mass Spectrometry and High-Resolution Mass Spectrometry. Journal of Environmental Chemistry, 2017, 27, 137-144.	0.1	2
39	Differences in Enantioselective Hydroxylation of 2,2,3,6-Tetrachlorobiphenyl (CB45) and 2,2,3,4,6-Pentachlorobiphenyl (CB91) by Human and Rat CYP2B Subfamilies. Environmental Science & Technology, 2022, 56, 10204-10215.		2
40	ESPR special issue on Asian environmental chemistry. Environmental Science and Pollution Research, 2018, 25, 7099-7100.	2.7	1
41	Bioremediation of river sediment polluted with polychlorinated biphenyls: A laboratory study. Journal of the Serbian Chemical Society, 2022, 87, 95-107.	0.4	1
42	Novel approaches and trends in the analytics of halogenated POPs. Chemosphere, 2022, 290, 133308.	4.2	1
43	Hydroxylation and dechlorination of 3,3,4,4-tetrachlorobiphenyl (CB77) by rat and human CYP1A1s and critical roles of amino acids composing their substrate-binding cavity. Science of the Total Environment, 2022, , 155848.	3.9	1
44	<b>Chlorinated Flame Retardand: Dechlorane Plus </b>. Journal of Environmental Chemistry, 2016, 26, 51-51.	0.1	0
45	<b>Size Distribution of Dechloranes in Particulate Matter </b>. Journal of Environmental Chemistry, 2016, 26, 89-93.	0.1	0
46	<b>Analytical Methods of Dechlorane Plus in Ambient Air for HRMS-EI and LRMS-NCI </b>. Journal of Environmental Chemistry, 2016, 26, 95-102.	0.1	0