

# Shigehisa Uchiyama

## List of Publications by Year in descending order

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17  
papers

1,158  
citations

567281

15  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1479  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbonyl Compounds Generated from Electronic Cigarettes. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 11192-11200.	2.6	198
2	Determination of Carbonyl Compounds Generated from the E-cigarette Using Coupled Silica Cartridges Impregnated with Hydroquinone and 2,4-Dinitrophenylhydrazine, Followed by High-Performance Liquid Chromatography. <i>Analytical Sciences</i> , 2013, 29, 1219-1222.	1.6	165
3	Comparison of Chemicals in Mainstream Smoke in Heat-not-burn Tobacco and Combustion Cigarettes. <i>Journal of UOEH</i> , 2017, 39, 201-207.	0.6	159
4	Derivatization of carbonyl compounds with 2,4-dinitrophenylhydrazine and their subsequent determination by high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 1282-1289.	2.3	100
5	Simple Determination of Gaseous and Particulate Compounds Generated from Heated Tobacco Products. <i>Chemical Research in Toxicology</i> , 2018, 31, 585-593.	3.3	90
6	Gaseous chemical compounds in indoor and outdoor air of 602 houses throughout Japan in winter and summer. <i>Environmental Research</i> , 2015, 137, 364-372.	7.5	81
7	Determination of acrolein and other carbonyls in cigarette smoke using coupled silica cartridges impregnated with hydroquinone and 2,4-dinitrophenylhydrazine. <i>Journal of Chromatography A</i> , 2010, 1217, 4383-4388.	3.7	73
8	Assessment of inhalation exposure to indoor air pollutants: Screening for health risks of multiple pollutants in Japanese dwellings. <i>Environmental Research</i> , 2016, 145, 39-49.	7.5	66
9	Determination of Thermal Decomposition Products Generated from E-Cigarettes. <i>Chemical Research in Toxicology</i> , 2020, 33, 576-583.	3.3	51
10	Reductive Amination of Aldehyde 2,4-Dinitrophenylhydrazones Using 2-Picoline Borane and High-Performance Liquid Chromatographic Analysis. <i>Analytical Chemistry</i> , 2009, 81, 485-489.	6.5	36
11	Improved Measurement of Ozone and Carbonyls Using a Dual-Bed Sampling Cartridge Containing <i>trans</i> -1,2-Bis(2-pyridyl)ethylene and 2,4-Dinitrophenylhydrazine-Impregnated Silica. <i>Analytical Chemistry</i> , 2009, 81, 6552-6557.	6.5	29
12	Simultaneous determination of volatile organic compounds and carbonyls in mainstream cigarette smoke using a sorbent cartridge followed by two-step elution. <i>Journal of Chromatography A</i> , 2013, 1314, 31-37.	3.7	29
13	Determination of nicotine, tar, volatile organic compounds and carbonyls in mainstream cigarette smoke using a glass filter and a sorbent cartridge followed by the two-phase/one-pot elution method with carbon disulfide and methanol. <i>Journal of Chromatography A</i> , 2015, 1426, 48-55.	3.7	25
14	Ozone removal in the collection of carbonyl compounds in air. <i>Journal of Chromatography A</i> , 2012, 1229, 293-297.	3.7	21
15	A diffusive sampling device for simultaneous determination of ozone and carbonyls. <i>Analytica Chimica Acta</i> , 2011, 691, 119-124.	5.4	19
16	Reductive amination of glutaraldehyde 2,4-dinitrophenylhydrazone using 2-picoline borane and high-performance liquid chromatographic analysis. <i>Analyst</i> , The, 2012, 137, 4274.	3.5	14
17	Spatial Variations of Indoor Air Chemicals in an Apartment Unit and Personal Exposure of Residents. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11511.	2.6	2