

# Kazuto Sazawa

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

266  
citations

933447

10  
h-index

940533

16  
g-index

25  
all docs

25  
docs citations

25  
times ranked

365  
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of dissolved humic acid from water by coagulation method using polyaluminum chloride (PAC) with calcium carbonate as neutralizer and coagulant aid. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 770-774.	6.7	56
2	Effects of peat fires on the characteristics of humic acid extracted from peat soil in Central Kalimantan, Indonesia. <i>Environmental Science and Pollution Research</i> , 2015, 22, 2384-2395.	5.3	25
3	Impact of Peat Fire on the Soil and Export of Dissolved Organic Carbon in Tropical Peat Soil, Central Kalimantan, Indonesia. <i>ACS Earth and Space Chemistry</i> , 2018, 2, 692-701.	2.7	22
4	The Evaluation for Alterations of DOM Components from Upstream to Downstream Flow of Rivers in Toyama (Japan) Using Three-Dimensional Excitation-Emission Matrix Fluorescence Spectroscopy. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 1655-1670.	2.6	21
5	Effects of forest fire on the properties of soil and humic substances extracted from forest soil in Gunma, Japan. <i>Environmental Science and Pollution Research</i> , 2018, 25, 30325-30338.	5.3	15
6	The evaluation of forest fire severity and effect on soil organic matter based on the L*, a*, b* color reading system. <i>Analytical Methods</i> , 2013, 5, 2660.	2.7	14
7	Determination of heavy metal toxicity by using a micro-droplet hydrodynamic voltammetry for microalgal bioassay based on alkaline phosphatase. <i>Chemosphere</i> , 2017, 188, 337-344.	8.2	14
8	Changes in the chemical composition of soil organic matter including water-soluble component during incubation: A case study of coniferous and broadleaf forest soils. <i>Catena</i> , 2018, 171, 22-28.	5.0	14
9	Electrochemical Genotoxicity Assay Based on a SOS/umu Test Using Hydrodynamic Voltammetry in a Droplet. <i>Sensors</i> , 2012, 12, 17414-17432.	3.8	12
10	Determination of Tetracycline by Microdroplet Hydrodynamic Adsorptive Voltammetry Using a Multiwalled Carbon Nanotube Paste Rotating Disk Electrode. <i>Analytical Letters</i> , 2019, 52, 1153-1164.	1.8	12
11	Hydrodynamic Voltammetry as a Rapid and Simple Method for Evaluating Soil Enzyme Activities. <i>Sensors</i> , 2015, 15, 5331-5343.	3.8	11
12	Evaluation of the toxicity of tetrabromobisphenol A and some of its oxidation products using a micro-scale algal growth inhibition test. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 472-482.	1.2	9
13	Potential risk of coupling products between tetrahalobisphenol A and humic acid prepared via oxidation with a biomimetic catalyst. <i>Chemosphere</i> , 2018, 204, 63-70.	8.2	7
14	Effect of humic acids on the toxicity of pollutants to <i>Chlamydomonas reinhardtii</i> : Investigation by a microscale algal growth inhibition test. <i>Environmental Science and Pollution Research</i> , 2021, 28, 211-219.	5.3	5
15	Organic Ion-associate Phase Extraction/Back-microextraction for the Preconcentration and Determination of Lithium Using 2,2,6,6-Tetramethyl-3,5-heptanedione by Liquid Electrode Plasma Atomic Emission Spectrometry and GF-AAS in Environmental Water. <i>Analytical Sciences</i> , 2020, 36, 595-600.	1.6	5
16	Adsorptive Voltammetry for the Determination of Ochratoxin A Using Enrichment Effect by Cationic Surfactants. <i>Electroanalysis</i> , 2018, 30, 2265-2272.	2.9	4
17	Investigation and modeling of diurnal variation in suburban ambient formaldehyde concentration. <i>Environmental Science and Pollution Research</i> , 2021, 28, 13425-13438.	5.3	4
18	High-heat Effects on the Physical and Chemical Properties of Soil Organic Matter and Its Water-soluble Components in Japan's Forests: A Comprehensive Approach Using Multiple Analytical Methods. <i>Analytical Sciences</i> , 2020, 36, 601-609.	1.6	4

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19	Micro-droplet Hydrodynamic Voltammetry for the Determination of Microcystin-LR Based on Protein Phosphatase. Journal of Water and Environment Technology, 2019, 17, 18-26.	0.7	3
20	Evaluation of carbon mineralization and structural alterations of organic carbon in high-moor peat soils during incubation. Journal of Soils and Sediments, 2020, 20, 2843-2854.	3.0	3
21	Organic Ion-Associate Phase Microextraction/Back-Microextraction for Preconcentration: Determination of Nickel in Environmental Water Using 2-Thenoyltrifluoroacetone via GF-AAS. AppliedChem, 2021, 1, 130-141.	1.0	3
22	Estimation of Suppressive Effect of Dissolved Organic Matter on Copper Toxicity Using the Microscaled Algal Growth Inhibition Test. Journal of Japan Society on Water Environment, 2009, 32, 309-314.	0.4	1
23	Peat Fire Impact on Water Quality and Organic Matter in Peat Soil. , 2016, , 281-296.		1
24	Assessing the spatial dispersion of products of the fumarolic activity using remotely sensed snow color in an alpine environment. Remote Sensing of Environment, 2019, 233, 111351.	11.0	1