

Norihide Nakada

List of Publications by Citations

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74
papers

3,854
citations

32
h-index

62
g-index

74
ext. papers

4,300
ext. citations

7.5
avg, IF

5.33
L-index

#	Paper	IF	Citations
74	Pharmaceutical chemicals and endocrine disrupters in municipal wastewater in Tokyo and their removal during activated sludge treatment. <i>Water Research</i> , 2006 , 40, 3297-303	12.5	573
73	Removal of selected pharmaceuticals and personal care products (PPCPs) and endocrine-disrupting chemicals (EDCs) during sand filtration and ozonation at a municipal sewage treatment plant. <i>Water Research</i> , 2007 , 41, 4373-82	12.5	448
72	Evaluation of pharmaceuticals and personal care products as water-soluble molecular markers of sewage. <i>Environmental Science & Technology</i> , 2008 , 42, 6347-53	10.3	257
71	Antibiotic contamination and occurrence of antibiotic-resistant bacteria in aquatic environments of northern Vietnam. <i>Science of the Total Environment</i> , 2011 , 409, 2894-901	10.2	252
70	Nanomaterials for treating emerging contaminants in water by adsorption and photocatalysis: Systematic review and bibliometric analysis. <i>Science of the Total Environment</i> , 2018 , 627, 1253-1263	10.2	156
69	Ubiquitous occurrence of sulfonamides in tropical Asian waters. <i>Science of the Total Environment</i> , 2013 , 452-453, 108-15	10.2	153
68	Phase distribution and removal of pharmaceuticals and personal care products during anaerobic sludge digestion. <i>Journal of Hazardous Materials</i> , 2013 , 260, 305-12	12.8	151
67	Identification of estrogenic compounds in wastewater effluent. <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 2807-15	3.8	136
66	Nationwide monitoring of selected antibiotics: Distribution and sources of sulfonamides, trimethoprim, and macrolides in Japanese rivers. <i>Science of the Total Environment</i> , 2011 , 409, 5305-12	10.2	92
65	Occurrence of 70 pharmaceutical and personal care products in Tone River basin in Japan. <i>Water Science and Technology</i> , 2007 , 56, 133-40	2.2	92
64	Pepper mild mottle virus as an indicator and a tracer of fecal pollution in water environments: comparative evaluation with wastewater-tracer pharmaceuticals in Hanoi, Vietnam. <i>Science of the Total Environment</i> , 2015 , 506-507, 287-98	10.2	82
63	Rapid determination of free and conjugated estrogen in different water matrices by liquid chromatography-tandem mass spectrometry. <i>Chemosphere</i> , 2009 , 77, 1440-6	8.4	80
62	Oseltamivir carboxylate, the active metabolite of oseltamivir phosphate (Tamiflu), detected in sewage discharge and river water in Japan. <i>Environmental Health Perspectives</i> , 2010 , 118, 103-7	8.4	72
61	Learning from the past and considering the future of chemicals in the environment. <i>Science</i> , 2020 , 367, 384-387	33.3	70
60	Multiple evaluations of the removal of pollutants in road runoff by soil infiltration. <i>Water Research</i> , 2008 , 42, 2745-55	12.5	64
59	Biological effects of PPCPs on aquatic lives and evaluation of river waters affected by different wastewater treatment levels. <i>Water Science and Technology</i> , 2008 , 58, 1541-6	2.2	63
58	De-conjugation behavior of conjugated estrogens in the raw sewage, activated sludge and river water. <i>Journal of Hazardous Materials</i> , 2012 , 227-228, 49-54	12.8	58

57	Occurrence of levofloxacin, clarithromycin and azithromycin in wastewater treatment plant in Japan. <i>Water Science and Technology</i> , 2006 , 53, 227-33	2.2	54
56	Contribution of pharmaceuticals and personal care products (PPCPs) to whole toxicity of water samples collected in effluent-dominated urban streams. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 144, 338-350	7	53
55	Modeling the photochemical attenuation of down-the-drain chemicals during river transport by stochastic methods and field measurements of pharmaceuticals and personal care products. <i>Environmental Science & Technology</i> , 2013 , 47, 13571-7	10.3	49
54	Ecotoxicity and screening level ecotoxicological risk assessment of five antimicrobial agents: triclosan, triclocarban, resorcinol, phenoxyethanol and p-thymol. <i>Journal of Applied Toxicology</i> , 2013 , 33, 1222-9	4.1	46
53	Co-occurrence of estrogenic and antiestrogenic activities in wastewater: quantitative evaluation of balance by in vitro ER β reporter gene assay and chemical analysis. <i>Environmental Science & Technology</i> , 2014 , 48, 6366-73	10.3	43
52	Assessing the population equivalent and performance of wastewater treatment through the ratios of pharmaceuticals and personal care products present in a river basin: Application to the River Thames basin, UK. <i>Science of the Total Environment</i> , 2017 , 575, 1100-1108	10.2	42
51	Occurrence and fate of oseltamivir carboxylate (Tamiflu) and amantadine in sewage treatment plants. <i>Chemosphere</i> , 2010 , 81, 13-7	8.4	42
50	Occurrence and removal of NDMA and NDMA formation potential in wastewater treatment plants. <i>Journal of Hazardous Materials</i> , 2011 , 190, 897-902	12.8	40
49	Synchronous dynamics of observed and predicted values of anti-influenza drugs in environmental waters during a seasonal influenza outbreak. <i>Environmental Science & Technology</i> , 2012 , 46, 12873-81	10.3	39
48	Effects of antibacterial agents, levofloxacin and clarithromycin, on aquatic organisms. <i>Water Science and Technology</i> , 2006 , 53, 65-72	2.2	39
47	Occurrence of preservatives and antimicrobials in Japanese rivers. <i>Chemosphere</i> , 2014 , 107, 393-399	8.4	36
46	pH, ionic strength and dissolved organic matter alter aggregation of fullerene C60 nanoparticles suspensions in wastewater. <i>Journal of Hazardous Materials</i> , 2013 , 244-245, 582-7	12.8	35
45	A new method for quantifying N-nitrosamines in wastewater samples by gas chromatography-triple quadrupole mass spectrometry. <i>Talanta</i> , 2012 , 97, 256-61	6.2	34
44	Mass balance analysis of triclosan, diethyltoluamide, crotamiton and carbamazepine in sewage treatment plants. <i>Water Science and Technology</i> , 2010 , 61, 1739-47	2.2	34
43	Source estimation of pharmaceuticals based on catchment population and in-stream attenuation in Yodo River watershed, Japan. <i>Science of the Total Environment</i> , 2018 , 615, 964-971	10.2	32
42	Mass balance of anti-influenza drugs discharged into the Yodo River system, Japan, under an influenza outbreak. <i>Chemosphere</i> , 2013 , 93, 1672-7	8.4	32
41	The different fate of antibiotics in the Thames River, UK, and the Katsura River, Japan. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 1903-1913	5.1	29
40	How seasonality affects the flow of estrogens and their conjugates in one of Japan's most populous catchments. <i>Environmental Pollution</i> , 2011 , 159, 2906-12	9.3	28

39	The arrival and discharge of conjugated estrogens from a range of different sewage treatment plants in the UK. <i>Chemosphere</i> , 2011 , 82, 1124-8	8.4	24
38	Performance of combined ozonation, coagulation and ceramic membrane process for water reclamation: Effects and mechanism of ozonation on virus coagulation. <i>Separation and Purification Technology</i> , 2018 , 192, 429-434	8.3	22
37	Evaluation of the photolysis of pharmaceuticals within a river by 2 year field observations and toxicity changes by sunlight. <i>Environmental Sciences: Processes and Impacts</i> , 2014 , 16, 2796-803	4.3	21
36	Effects of the inclusion of biological activated carbon on membrane fouling in combined process of ozonation, coagulation and ceramic membrane filtration for water reclamation. <i>Chemosphere</i> , 2019 , 220, 20-27	8.4	19
35	Ecological risk assessment of urban creek sediments contaminated by untreated domestic wastewater: potential contribution of antimicrobials and a musk fragrance. <i>Environmental Technology (United Kingdom)</i> , 2013 , 34, 1567-75	2.6	18
34	Linking changes in antibiotic effluent concentrations to flow, removal and consumption in four different UK sewage treatment plants over four years. <i>Environmental Pollution</i> , 2017 , 220, 919-926	9.3	17
33	Occurrence and fate of N-nitrosamines and their formation potential in three wastewater treatment plants in Japan. <i>Water Science and Technology</i> , 2013 , 68, 2118-26	2.2	16
32	Fate of oestrogenic compounds and identification of oestrogenicity in a wastewater treatment process. <i>Water Science and Technology</i> , 2006 , 53, 51-63	2.2	16
31	Adsorption of fullerene nC60 on activated sludge: Kinetics, equilibrium and influencing factors. <i>Chemical Engineering Journal</i> , 2013 , 225, 365-371	14.7	15
30	Numerical simulation of organic chemicals in a marine environment using a coupled 3D hydrodynamic and ecotoxicological model. <i>Marine Pollution Bulletin</i> , 2004 , 48, 671-8	6.7	15
29	Occurrence of pharmaceutical and personal care products in Cau River, Vietnam. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 12082-12091	5.1	15
28	Removal Characteristics of N-Nitrosamines and Their Precursors by Pilot-Scale Integrated Membrane Systems for Water Reuse. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	13
27	Biological Activity-Based Prioritization of Pharmaceuticals in Wastewater for Environmental Monitoring: G Protein-Coupled Receptor Inhibitors. <i>Environmental Science & Technology</i> , 2020 , 54, 1720-1729	10.3	12
26	Toxicity of Aqueous Fullerene nC60 to Activated Sludge: Nitrification Inhibition and Microtox Test. <i>Journal of Nanomaterials</i> , 2012 , 2012, 1-6	3.2	11
25	Broad-spectrum analysis of endocrine disruptors in environmental samples.. <i>Bunseki Kagaku</i> , 1999 , 48, 535-547	0.2	11
24	Prediction, risk and control of anti-influenza drugs in the Yodo River Basin, Japan during seasonal and pandemic influenza using the transmission model for infectious disease. <i>Science of the Total Environment</i> , 2015 , 521-522, 68-74	10.2	10
23	Pretreatment of ceramic membrane microfiltration in wastewater reuse: A comparison between ozonation and coagulation. <i>Journal of Environmental Management</i> , 2019 , 251, 109555	7.9	10
22	Modeling the fate of a photoproduct of ketoprofen in urban rivers receiving wastewater treatment plant effluent. <i>Science of the Total Environment</i> , 2016 , 573, 810-816	10.2	10

21	Evaluation of concentrations of pharmaceuticals detected in sewage influents in Japan by using annual shipping and sales data. <i>Chemosphere</i> , 2015 , 138, 770-6	8.4	9
20	Optimisation of the analysis of anti-influenza drugs in wastewater and surface water. <i>International Journal of Environmental Analytical Chemistry</i> , 2014 , 94, 853-862	1.8	9
19	Elevated risk from estrogens in the Yodo River basin (Japan) in winter and ozonation as a management option. <i>Environmental Sciences: Processes and Impacts</i> , 2014 , 16, 232-8	4.3	8
18	The Effect of Estrogens, River Water, and Treated Wastewater on Vitellogenin Induction of Japanese Medaka1. <i>Journal of the American Water Resources Association</i> , 2009 , 45, 22-34	2.1	8
17	N-nitrosomorpholine behavior in sewage treatment plants and urban rivers. <i>Water Research</i> , 2019 , 163, 114868	12.5	7
16	Determination of Nonylphenol migrated from Food-contact Plastics.. <i>Journal of Environmental Chemistry</i> , 2002 , 12, 621-625	0.3	7
15	Diurnal patterns of N-nitrosodimethylamine and formaldehyde behaviors in different seasons in surface water influenced by effluent from sewage treatment plants. <i>Journal of Hazardous Materials</i> , 2020 , 383, 121155	12.8	6
14	Development of Method for Identification of Major Substances Inducing Estrogenic Activity Contained in Sewage and River Waters. <i>Journal of Environmental Chemistry</i> , 2006 , 16, 389-401	0.3	5
13	Influence of Hydraulic Retention Time, Sludge Retention Time, and Ozonation on the Removal of Free and Conjugated Estrogens in Japanese Activated Sludge Treatment Plants. <i>Clean - Soil, Air, Water</i> , 2015 , 43, 1289-1294	1.6	4
12	Quantification of Pharmaceutical Related Biological Activity in Effluents from Wastewater Treatment Plants in UK and Japan. <i>Environmental Science & Technology</i> , 2018 , 52, 11848-11856	10.3	3
11	Characterization of nitrosamines and nitrosamine precursors as non-point source pollutants during heavy rainfall events in an urban water environment. <i>Journal of Hazardous Materials</i> , 2021 , 424, 127552	12.8	2
10	Influences of activated sludge surface properties on adsorption of aqueous fullerene C60 nanoparticles. <i>International Journal of Environmental Science and Technology</i> , 2017 , 14, 1989-1998	3.3	1
9	De-conjugation Fate of the Conjugated Estrogens in the Raw Wastewater. <i>Proceedings of the Water Environment Federation</i> , 2009 , 2009, 590-602		1
8	Comprehensive Genomic Survey of Antimicrobial-Resistance Bacteria in the Sewage Tank Replacement with Hospital Relocation.. <i>Infection and Drug Resistance</i> , 2021 , 14, 5563-5574	4.2	1
7	Contribution of N,N-dimethylformamide to formation of N-nitrosodimethylamine by chloramination in sewage treatment plants and receiving rivers. <i>Water Research</i> , 2021 , 191, 116827	12.5	1
6	N-nitrosodimethylamine formation potential (NDMA-FP) of ranitidine remains after chlorination and/or photo-irradiation: Identification of transformation products in combination with NDMA-FP test. <i>Chemosphere</i> , 2021 , 267, 129200	8.4	1
5	Distribution of pharmaceutical and personal care products (PPCPs) in aquatic environment in Hanoi and Metro Manila. <i>Environmental Monitoring and Assessment</i> , 2021 , 193, 847	3.1	0
4	Attenuation of Pharmaceuticals and Personal Care Products in a Bypass Channel and River. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2012 , 68, III_193-III_203	0.1	

- 3 Investigation of the occurrence of N-nitrosamines and their formation potential in wastewater treatment plants. *Journal of Japan Society of Civil Engineers Ser G (Environmental Research)*, **2012**, 68, III_351-III_358 0.1
- 2 Occurrence and Fate of Pharmaceuticals in Wastewater Systems in Japan. *Proceedings of the Water Environment Federation*, **2007**, 2007, 172-178
- 1 Modeling in-stream attenuation of N-nitrosodimethylamine and formaldehyde during urban river transportation based on seasonal and diurnal variation. *Environmental Science and Pollution Research*, **2021**, 28, 10889-10897 5.1