

Naoyuki Kishimoto

List of Publications by Year in descending order

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70
papers

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471371

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1181
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#	ARTICLE	IF	CITATIONS
1	Advanced oxidation mechanism of UV photolysis of electrochemically generated free bromine. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 1761-1769.	1.2	2
2	Evaluation of Methods for Measuring Internal Resistances of Discharging Microbial Fuel Cells. <i>Journal of Water and Environment Technology</i> , 2022, 20, 1-10.	0.3	2
3	Catalytic Effect of Copper on Ozonation in Aqueous Solution. <i>Ozone: Science and Engineering</i> , 2021, 43, 520-526.	1.4	4
4	Model-based Evaluation of the Effect of Temperature on Electric Power Generation in Microbial Fuel Cells. <i>Journal of Water and Environment Technology</i> , 2021, 19, 161-169.	0.3	1
5	Impact of Submerged Macrophytes on Behavior of Organic Carbon and Nutrients: An Experimental Study. <i>Journal of Water and Environment Technology</i> , 2021, 19, 35-47.	0.3	1
6	Availability of Seawater as A Chloride Source for UV/electro-chlorine Advanced Oxidation Process. <i>Journal of Water and Environment Technology</i> , 2021, 19, 283-293.	0.3	0
7	Removal of linear alkylbenzene sulfonate (LAS) by a cetyltrimethylammonium bromide (CTAB)-aided coagulation-filtration process. <i>Environmental Technology (United Kingdom)</i> , 2020, , 1-9.	1.2	2
8	Efficacy of a two-compartment electrochemical flow cell introduced into a reagent-free UV/chlorine advanced oxidation process. <i>Chemical Engineering Journal</i> , 2020, 388, 124385.	6.6	17
9	Motor Vehicle Wash-off Water as a Source of Phosphorus in Roadway Runoff. <i>Journal of Water and Environment Technology</i> , 2020, 18, 9-16.	0.3	2
10	Efficacy of an electrochemical flow cell introduced into the electrochemical Fenton-type process using a Cu(I)/HOCl system. <i>Water Science and Technology</i> , 2019, 80, 184-190.	1.2	2
11	Model-Based Evaluation of the Effect of Discharge-Charge on Electric Power Generation of Microbial Fuel Cells. <i>Journal of Water and Environment Technology</i> , 2019, 17, 100-108.	0.3	2
12	State of the Art of UV/Chlorine Advanced Oxidation Processes: Their Mechanism, Byproducts Formation, Process Variation, and Applications. <i>Journal of Water and Environment Technology</i> , 2019, 17, 302-335.	0.3	47
13	Reusability of zero-valent iron particles for zinc ion separation. <i>Separation and Purification Technology</i> , 2018, 193, 139-146.	3.9	10
14	Technical Feasibility of Electrochemical Fenton-Type Process Using Cu(I)/HOCl System. <i>Journal of Water and Environment Technology</i> , 2018, 16, 73-82.	0.3	12
15	Effects of pH and coexisting chemicals on photolysis of perfluorooctane sulfonate using an excited xenon dimer lamp. <i>Water Science and Technology</i> , 2018, 77, 108-113.	1.2	4
16	Technical feasibility of UV/electro-chlorine advanced oxidation process and pH response. <i>Chemical Engineering Journal</i> , 2018, 334, 2363-2372.	6.6	30
17	Feasibility of Mercury-free Chemical Oxygen Demand (COD) Test with Excessive Addition of Silver Sulfate. <i>Journal of Water and Environment Technology</i> , 2018, 16, 221-232.	0.3	9
18	Effects of oxidationâ€“reduction potential control and sequential use of biological treatment on the electrochemical Fenton-type process. <i>Chemical Engineering Research and Design</i> , 2017, 105, 134-142.	2.7	14

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19	Influence of temperature and COD loading on biological nitrification–denitrification process using a trickling filter: an empirical modeling approach. <i>International Journal of Environmental Research</i> , 2017, 11, 71-82.	1.1	12
20	Methylene blue removal by carbonized textile sludge-based adsorbent. <i>Water Science and Technology</i> , 2017, 76, 3126-3134.	1.2	9
21	Characteristics of fluoride adsorption onto aluminium(III) and iron(III) hydroxide flocs. <i>Separation Science and Technology</i> , 2017, 52, 42-50.	1.3	7
22	Application of a Dialysis-Based pH Control System to a Microbial Fuel Cell Using Ferric-EDTA Electron Acceptor. <i>Journal of Water and Environment Technology</i> , 2017, 15, 207-219.	0.3	1
23	Sediment Assessment in Lake Biwa Littoral Zone. <i>Japanese Journal of Water Treatment Biology</i> , 2017, 53, 23-32.	0.2	1
24	Effects of three additives on the removal of perfluorooctane sulfonate (PFOS) by coagulation using ferric chloride or aluminum sulfate. <i>Water Science and Technology</i> , 2016, 73, 2971-2977.	1.2	9
25	Effects of recirculation rate of nitrified liquor and temperature on biological nitrification–denitrification process using a trickling filter. <i>Water and Environment Journal</i> , 2016, 30, 190-196.	1.0	7
26	Recent Developments in Electrochemical Technology for Water and Wastewater Treatments. <i>Journal of Water and Environment Technology</i> , 2016, 14, 25-36.	0.3	17
27	Effects of environmental factors on microalgal biomass production in wastewater using cyanobacteria <i>Aphanotoce clathrata</i> and <i>Microcystis wesenbergii</i> . <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 1431-1440.	0.2	1
28	Influence of Operational Parameters on Rapid Nitrate Removal Using an Electrochemical Flow Cell. <i>International Journal of Environmental Science and Development</i> , 2016, 7, 499-506.	0.2	1
29	Efficacy of vacuum ultraviolet photolysis for bromate and chlorate removal. <i>Water Science and Technology: Water Supply</i> , 2015, 15, 810-816.	1.0	4
30	Influence of Operating Factors on Advanced Oxidation Performance of an Electrochemical Flow Cell Using a Fenton-type Reaction. <i>Journal of Japan Society on Water Environment</i> , 2015, 38, 93-99.	0.1	2
31	Does a Decrease in Chlorophyll <i>a</i> Concentration in Lake Biwa Mean a Decrease in Primary Productivity by Phytoplankton?. <i>Journal of Water and Environment Technology</i> , 2015, 13, 1-14.	0.3	5
32	Mechanistic Consideration of Fluoride Removal Using Aluminum Sulfate. <i>Journal of Water and Environment Technology</i> , 2015, 13, 15-24.	0.3	6
33	Evaluation of Growth Characteristics of <i>Euglena gracilis</i> for Microalgal Biomass Production Using Wastewater. <i>Journal of Water and Environment Technology</i> , 2015, 13, 195-205.	0.3	14
34	Adsorption characteristics of clay adsorbents – sepiolite, kaolin and synthetic talc – for removal of reactive yellow 138. <i>Water and Environment Journal</i> , 2015, 29, 375-382.	1.0	12
35	Estimation of Organic Carbon Content of the Cyanobacterium <i>Synechococcus</i> sp. by Soft X-ray Microscopy. <i>Geomicrobiology Journal</i> , 2015, 32, 827-835.	1.0	1
36	Effects of waste glass additions on quality of textile sludge-based bricks. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 2443-2450.	1.2	24

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37	Effect of pH and molar ratio of pollutant to oxidant on a photochemical advanced oxidation process using hypochlorite. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 2436-2442.	1.2	19
38	Applicability of an electrochemical Fenton-type process to actual wastewater treatment. <i>Water Science and Technology</i> , 2015, 72, 850-857.	1.2	8
39	Effect of oxidation-reduction potential on an electrochemical Fenton-type process. <i>Chemical Engineering Journal</i> , 2015, 260, 590-595.	6.6	26
40	Roughness and temperature effects on the filter media of a trickling filter for nitrification. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 1549-1555.	1.2	6
41	Relationship between Lakeshore Configuration and Siltation in the East Coast of the Northern Basin of Lake Biwa. <i>Journal of Japan Society on Water Environment</i> , 2014, 37, 45-53.	0.1	2
42	Analysis of long-term variation in phytoplankton biovolume in the northern basin of Lake Biwa. <i>Limnology</i> , 2013, 14, 117-128.	0.8	18
43	Color Removal of Reactive Procion Dyes by Clay Adsorbents. <i>Procedia Environmental Sciences</i> , 2013, 17, 270-278.	1.3	46
44	Reusability of iron sludge as an iron source for the electrochemical Fenton-type process using Fe ²⁺ /HOCl system. <i>Water Research</i> , 2013, 47, 1919-1927.	5.3	95
45	Effect of Active Control of Air-Cathode pH on the Performance of a Microbial Fuel Cell. <i>Journal of Water and Environment Technology</i> , 2013, 11, 453-461.	0.3	6
46	Influence of Cultural Conditions on the Cellular Biovolume and Gelatinous Sheath Volume of <i>Staurastrum arctiscon</i> (Charophyceae). <i>Journal of Water and Environment Technology</i> , 2013, 11, 49-58.	0.3	1
47	Influence of Chelating Agents on Fenton-Type Reaction Using Ferrous Ion and Hypochlorous Acid. <i>Journal of Water and Environment Technology</i> , 2013, 11, 21-32.	0.3	23
48	Bromate Formation Characteristics of UV Irradiation, Hydrogen Peroxide Addition, Ozonation, and Their Combination Processes. <i>International Journal of Photoenergy</i> , 2012, 2012, 1-10.	1.4	12
49	Rapid removal of bromate ion from water streams with an electrolytic flow cell. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2012, 61, 103-110.	0.6	22
50	Catalytic Effect of Several Iron Species on Ozonation. <i>Journal of Water and Environment Technology</i> , 2012, 10, 205-215.	0.3	11
51	Fouling behaviour of a reverse osmosis membrane by three types of surfactants. <i>Journal of Water Reuse and Desalination</i> , 2012, 2, 40-46.	1.2	13
52	Effects of Ozone-Gas Bubble Size and pH on Ozone/UV Treatment. <i>Ozone: Science and Engineering</i> , 2011, 33, 396-402.	1.4	7
53	Effects of Several Factors on Operation of an Electro-Advanced Oxidation Process using Fe ²⁺ /HOCl System. <i>Journal of Japan Society on Water Environment</i> , 2011, 34, 81-87.	0.1	4
54	Influence of Phosphorus Concentration on the Biodegradation of Dissolved Organic Matter in Lake Biwa, Japan. <i>Journal of Water and Environment Technology</i> , 2011, 9, 215-223.	0.3	7

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55	Mechanistic Consideration of Zinc Ion Removal by Zero-Valent Iron. <i>Water, Air, and Soil Pollution</i> , 2011, 221, 183-189.	1.1	34
56	Effect of Separation of Ozonation and Electrolysis on Effective Use of Ozone in Ozone-Electrolysis Process. <i>Ozone: Science and Engineering</i> , 2011, 33, 463-469.	1.4	12
57	Treatment of Paper and Pulp Mill Wastewater by Ozonation Combined with Electrolysis. <i>Journal of Water and Environment Technology</i> , 2010, 8, 99-109.	0.3	21
58	Restoration of hypolimnetic dissolved oxygen through light irradiation-induced periphyton production. <i>Lakes and Reservoirs: Research and Management</i> , 2009, 14, 163-169.	0.6	2
59	Bromate Ion Removal by Electrochemical Reduction Using an Activated Carbon Felt Electrode. <i>Environmental Science & Technology</i> , 2009, 43, 2054-2059.	4.6	70
60	Ozonation combined with electrolysis of 1,4-dioxane using a two-compartment electrolytic flow cell with solid electrolyte. <i>Water Research</i> , 2008, 42, 379-385.	5.3	64
61	Ozonation Combined with Electrolysis of Night Soil Treated by Biological Nitrification-Denitrification Process. <i>Ozone: Science and Engineering</i> , 2008, 30, 282-289.	1.4	8
62	Removal of Persistent Organic Compounds and Total Nitrogen in Wastewater by Ozonation Combined with Electrolysis Using Two-Compartment Electrolytic Flow Cell with Solid Electrolyte. <i>Journal of Japan Society on Water Environment</i> , 2008, 31, 359-365.	0.1	2
63	Applicability of Ozonation Combined with Electrolysis to 1,4-Dioxane Removal from Wastewater Containing Radical Scavengers. <i>Ozone: Science and Engineering</i> , 2007, 29, 13-22.	1.4	30
64	Characteristics of Electrolysis, Ozonation, and their Combination Process on Treatment of Municipal Wastewater. <i>Water Environment Research</i> , 2007, 79, 1033-1042.	1.3	18
65	Dependency of Advanced Oxidation Performance on the Contaminated Water Feed Mode for Ozonation Combined with Electrolysis Using a Two-compartment Electrolytic Flow Cell. <i>Journal of Advanced Oxidation Technologies</i> , 2007, 10, .	0.5	2
66	Advanced oxidation effect of ozonation combined with electrolysis. <i>Water Research</i> , 2005, 39, 4661-4672.	5.3	96
67	Wastewater treatment by ozonation combined with electrolysis. <i>Journal of Environmental Conservation Engineering</i> , 2004, 33, 837-842.	0.0	0
68	Advanced treatment of sewage by pre-coagulation and biological filtration process. <i>Water Research</i> , 2003, 37, 4259-4269.	5.3	29
69	Catalytic Effect of Copper on Ozonation in Aqueous Solution. <i>Ozone: Science and Engineering</i> , 0, , 1-8.	1.4	3
70	Effect of Acidification on Ozone-Electrolysis Advanced Oxidation Process. <i>Ozone: Science and Engineering</i> , 0, , 1-9.	1.4	2