

Narong Touch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1380405/publications.pdf>

Version: 2024-02-01

58
papers

155
citations

1307594

7
h-index

1281871

11
g-index

60
all docs

60
docs citations

60
times ranked

87
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of electricity generation and biodegradation in tidal river sludge-used microbial fuel cells. <i>Bioresource Technology</i> , 2014, 158, 225-230.	9.6	33
2	Loss on Ignition-Based Indices for Evaluating Organic Matter Characteristics of Littoral Sediments. <i>Pedosphere</i> , 2017, 27, 978-984.	4.0	17
3	Relaxing the formation of hypoxic bottom water with sediment microbial fuel cells. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 3016-3025.	2.2	14
4	Granulated Coal Ash “used Method for Remediation of Organic Matter Enriched Coastal Sediments. <i>Procedia Engineering</i> , 2015, 116, 326-333.	1.2	11
5	Exploratory study on improving the benthic environment in sediment by sediment microbial fuel cells. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 507-512.	3.5	10
6	Variation in properties of the sediment following electrokinetic treatments. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 277-284.	2.2	7
7	Nutrient salt removal by steel-making slag in sediment microbial fuel cells. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 2906-2912.	2.2	7
8	Deposition Behavior of Mud in Sand Beds Under the Effects of Organic Properties. <i>Transport in Porous Media</i> , 2012, 91, 531-546.	2.6	5
9	Solar Cell-Combined Sediment Microbial Fuel Cell for Preserving Sediment and Water Environments. <i>The International Journal of Environmental Protection</i> , 2017, 7, 37-45.	0.3	5
10	Permeability Reduction by Sediment Retention in Saturated Sand Columns. <i>Transport in Porous Media</i> , 2013, 98, 615-630.	2.6	4
11	Variances in Properties of Diffused and Accumulated Lipids in Littoral Regions. <i>Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering)</i> , 2014, 70, I_1086-I_1090.	0.4	4
12	Temporal variations of groundwater salinity and temperature in a tidal flat in front of a tide pool. <i>Continental Shelf Research</i> , 2016, 122, 29-35.	1.8	4
13	Suppression of nutrient release from freshwater lake sediments using granulated coal ash. <i>Water Science and Technology: Water Supply</i> , 2018, 18, 1810-1824.	2.1	4
14	Dissolution characteristics of granulated coal ash in different saline water conditions. <i>Chemical Engineering Communications</i> , 2019, 206, 535-540.	2.6	4
15	Improvement in benthic habitat environment via granulated coal ash in a water body exposed to wastewater discharge. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 3211-3220.	3.5	4
16	Settling Characteristics of Mud Carrying Different Floc Structures. <i>Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering)</i> , 2012, 68, I_1016-I_1020.	0.4	3
17	Classification of the Organic Matter Existing in Littoral Sediments. <i>Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering)</i> , 2014, 70, I_1101-I_1105.	0.4	3
18	Experimental investigation on effects of acid/base waters on the bottom sediment of Kaita Cove (Hiroshima, Japan). <i>Estuarine, Coastal and Shelf Science</i> , 2013, 135, 18-23.	2.1	2

#	ARTICLE	IF	CITATIONS
19	Modeling the Settling Velocity of Organic Settling Matter with the Consideration of Organic Properties. Coastal Engineering Journal, 2013, 55, 1350015-1-1350015-14.	1.9	2
20	Factors for Improving the Performance of Sediment Microbial Fuel Cell. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2014, 70, I_1066-I_1070.	0.4	2
21	Measurement of Mud Flocculation Settling Velocity Using a Laser Diffraction Particle Size Distribution Analyzer. Coastal Engineering Journal, 2014, 56, 1450012-1-1450012-16.	1.9	2
22	PREDICTION OF THE RETENTION VOLUME OF SEDIMENT DURING WATER-BASED SEDIMENT INJECTION. Journal of Porous Media, 2013, 16, 547-557.	1.9	2
23	Modeling of Settling Velocity Considering Organic Property of Suspended Organic Matter. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2009, 65, 1151-1155.	0.4	1
24	Groundwater Level Variation and Salt Infiltration in a Tidal Flat with Tidal Cycle. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2009, 65, 1161-1165.	0.4	1
25	Burning Characteristic of Organic Matter deposited on Sea Bottom Sediment. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2011, 67, I_1156-I_1160.	0.4	1
26	Evaluating the Distance of Anode Electrode Effects in Sediment by Forced Electron Recovery. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2014, 70, I_1061-I_1065.	0.4	1
27	RESTORATION OF BIOLOGICAL ENVIRONMENT OF SEWAGE-DERIVED REDUCED SOILS. Journal of Japan Society of Civil Engineers Ser B3 (Ocean Engineering), 2015, 71, I_910-I_915.	0.3	1
28	MECHANISMS OF PHOSPHATE IMMOBILIZATION BY GRANULATED COAL ASH. Journal of Japan Society of Civil Engineers Ser B3 (Ocean Engineering), 2017, 73, I_941-I_946.	0.3	1
29	Mechanism of Fine Particles Movement Caused by Groundwater Flow in Tidal Flat. Proceedings of Coastal Engineering Jscce, 2008, 55, 1276-1280.	0.1	0
30	An Experimental Study on Organic Fine Particles Movement in a Sand Column. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2010, 66, 1076-1080.	0.4	0
31	Decomposition and Separation Characteristics of Organic Mud in Kaita Bay by Alkaline and Acid Water. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2010, 66, 991-995.	0.4	0
32	EFFECT OF ORGANIC PROPERTIES ON THE MUD MOVEMENT IN THE POROUS MEDIA OF SAND. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2011, 67, I_1681-I_1686.	0.1	0
33	Estimating settling velocity of mud flocs using Laser Diffraction Particle Size Analyzer. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2011, 67, I_1051-I_1055.	0.4	0
34	Effects of Flow Rate and Pore Size on Mud Transport in Sand Beds. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2011, 67, I_971-I_975.	0.4	0
35	Thermal Gradient Formed by Large Pore Layer on the Sea Bottom and Estimation of Diffusivity Coefficient. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2011, 67, I_856-I_860.	0.4	0
36	MODEL OF PERMEABILITY REDUCTION DUE TO MUD DEPOSITION IN THE PORES OF SAND BEDS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2012, 68, I_547-I_552.	0.1	0

#	ARTICLE	IF	CITATIONS
37	Retention Model of Sediment under Groundwater Flow in Sand Beds. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2012, 68, I_1086-I_1090.	0.4	0
38	Suppression of Oxygen Consumption of Reduced Sediment using Sediment Microbial Fuel Cells. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2012, 68, I_1201-I_1205.	0.4	0
39	PERMEABILITY CHANGE OF SAND BEDS DUE TO SEDIMENT MIGRATION UNDER SEEPAGE FLOW WITH OSCILLATING WATER HEAD CONDITION. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2012, 68, I_1201-I_1205.	0.4	0
40	INFLUENCE OF REGIONAL GROUNDWATER ON TIDAL FLAT GROUNDWATER ENVIRONMENT IN OTA RIVER DELTA. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2013, 69, I_547-I_552.	0.1	0
41	Changes in Sediment Conditions and Organic Decomposition in Sediment Microbial Fuel Cells. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2013, 69, I_1106-I_1110.	0.4	0
42	Measurement of Sediment Retention in a Sandy Tidal Flat Based on Pressure Drop Model. Transport in Porous Media, 2014, 102, 123-136.	2.6	0
43	Evaluating Redox State of Sediment by Microbial Fuel Cell-Based Technology. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2014, 70, I_1071-I_1075.	0.4	0
44	Oxygen Reduction Capacity-Based Method for Analyzing Littoral Sediment Properties. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2014, 70, I_1111-I_1115.	0.4	0
45	ELECTRICITY GENERATION AND REMEDIATION OF DEPOSITED SEDIMENT WITHIN SEDIMENT MICROBIAL FUEL CELLS IN TIDAL RIVERS. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2015, 71, I_1465-I_1470.	0.4	0
46	DEVELOPMENT OF A METHOD FOR IMPROVING REDUCED ENVIRONMENT OF THE SLUDGE DEPOSITED IN ESTUARINE REGIONS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2015, 71, I_697-I_702.	0.1	0
47	DRY COMBUSTION-BASED METHOD FOR EVALUATING VARIATION OF ORGANIC MATTER STATE IN SEDIMENT. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2015, 71, I_1417-I_1422.	0.4	0
48	CHEMICAL CHARACTERISTICS OF ALKALINE ENVIRONMENT RESTORATION MATERIALS. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2015, 71, I_1477-I_1482.	0.4	0
49	Removal of Ammonium from Aqueous Solution by Granulated Coal Ash. Journal of Water Chemistry and Technology, 2021, 43, 305-311.	0.6	0
50	Study on Circulation Mechanism between Hyporheic Water and Wide Area Groundwater in a Tidal Estuary. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2009, 65, 1156-1160.	0.4	0
51	THE ROLE OF GROUNDWATER FLOW IN A TIDAL FLAT ENVIRONMENT. , 2009, , .		0
52	VARIATION OF GROUNDWATER QUALITY IN A TIDAL FLAT FORMED AROUND COASTAL STRUCTURE. , 2009, , .		0
53	NEW METHOD FOR REDUCTION IN EUTROPHICATION OF SEA WATER BY USING FLY ASH. , 2009, , .		0
54	PROPERTIES OF GRANULATED COAL ASH AND ITS EFFECTS ON SLUDGE PURIFICATION. , 2011, , 1126-1133.		0

#	ARTICLE	IF	CITATIONS
55	DURABILITY OF WATER ENVIRONMENT RESTORATION BY COVERING LAYER OF GRANULATED COAL ASH IN BRACKISH-WATER LAKE. , 2011, , 1110-1117.		0
56	USABLE OUTPUT OF SEDIMENT MICROBIAL FUEL CELL UNDER THE USE OF STEEL SLAG-MIXED SEDIMENT AS A FUEL. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2018, 74, I_1183-I_1188.	0.4	0
57	DECOMPOSITION MECHANISMS OF ORGANIC MATTER DEPOSITED IN THE LAYER OF ALKALINE MATERIALS. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2018, 74, I_1195-I_1200.	0.4	0
58	ELECTROCHEMICAL METHOD FOR TREATING EXCESS ACCUMULATED SEDIMENT ON THE RIVERBANK OF TIDAL RIVERS. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2019, 75, I_1063-I_1068.	0.4	0