

Junbao Yu

List of Publications by Year in descending order

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91
papers

3,296
citations

126907

33
h-index

168389

53
g-index

93
all docs

93
docs citations

93
times ranked

3721
citing authors

#	ARTICLE	IF	CITATIONS
1	Responses of soil nutrient contents and eco-stoichiometric characteristics to fiddler crab activities in coastal wetland of the yellow river delta. <i>Ecohydrology and Hydrobiology</i> , 2022, , .	2.3	3
2	Pollution levels and toxicity risks of heavy metals in different reed wetland soils following channel diversion in the Yellow River Delta. <i>Wetlands</i> , 2022, 42, 1.	1.5	4
3	Distribution and Influencing Factors of Metals in Surface Soil from the Yellow River Delta, China. <i>Land</i> , 2022, 11, 523.	2.9	4
4	Influence of Gate Dams on Yellow River Delta Wetlands. <i>Land</i> , 2022, 11, 706.	2.9	4
5	Elemental stoichiometry (C, N, P) of soil in the Yellow River Delta nature reserve: Understanding N and P status of soil in the coastal estuary. <i>Science of the Total Environment</i> , 2021, 751, 141737.	8.0	13
6	Impacts of inland pollution input on coastal water quality of the Bohai Sea. <i>Science of the Total Environment</i> , 2021, 765, 142691.	8.0	35
7	Environmental threats induced heavy ecological burdens on the coastal zone of the Bohai Sea, China. <i>Science of the Total Environment</i> , 2021, 765, 142694.	8.0	33
8	Temperature sensitivity of anaerobic CO ₂ production in soils of <i>Phragmites australis</i> marshes with distinct hydrological characteristics in the Yellow River estuary. <i>Ecological Indicators</i> , 2021, 124, 107409.	6.3	7
9	The sediment burial depth and salinity control the early developments of <i>Suaeda salsa</i> in the Yellow River Delta. <i>Nordic Journal of Botany</i> , 2021, 39, .	0.5	4
10	Beneficial effects of crab burrowing on the surface soil properties of newly formed mudflats in the Yellow River Delta. <i>Ecohydrology and Hydrobiology</i> , 2020, 20, 548-555.	2.3	7
11	Effect of Water Level and Salinity on Metal Fractionation in Sediments of the Yellow River Delta. <i>Wetlands</i> , 2020, 40, 2765-2774.	1.5	5
12	A Comparison of the Development of Wetland Restoration Techniques in China and Other Nations. <i>Wetlands</i> , 2020, 40, 2755-2764.	1.5	12
13	Changes in plant biomass induced by soil moisture variability drive interannual variation in the net ecosystem CO ₂ exchange over a reclaimed coastal wetland. <i>Agricultural and Forest Meteorology</i> , 2019, 264, 138-148.	4.8	36
14	Dual effect of precipitation redistribution on net ecosystem CO ₂ exchange of a coastal wetland in the Yellow River Delta. <i>Agricultural and Forest Meteorology</i> , 2018, 249, 286-296.	4.8	37
15	Forms and vertical distributions of soil phosphorus in newly formed coastal wetlands in the Yellow River Delta estuary. <i>Land Degradation and Development</i> , 2018, 29, 4219-4226.	3.9	13
16	Effect of salinity on soil respiration in relation to dissolved organic carbon and microbial characteristics of a wetland in the Liaohe River estuary, Northeast China. <i>Science of the Total Environment</i> , 2018, 642, 946-953.	8.0	73
17	Variations in Soil Bacterial Composition and Diversity in Newly Formed Coastal Wetlands. <i>Frontiers in Microbiology</i> , 2018, 9, 3256.	3.5	25
18	The ecological adaptability of <i>Phragmites australis</i> to interactive effects of water level and salt stress in the Yellow River Delta. <i>Aquatic Ecology</i> , 2017, 51, 107-116.	1.5	33

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19	The evolutionary process of the geomorphology of tidal embayments in southern Jiaodong Peninsula, China. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 194, 182-191.	2.1	4
20	Effects of N Fertilizer Application on Soil N ₂ O Emissions and CH ₄ Uptake: A Two-Year Study in an Apple Orchard in Eastern China. <i>Atmosphere</i> , 2017, 8, 181.	2.3	17
21	Influences of micro-geomorphology on the stoichiometry of C, N and P in Chenier Island soils and plants in the Yellow River Delta, China. <i>PLoS ONE</i> , 2017, 12, e0189431.	2.5	9
22	Distribution of carbon, nitrogen and phosphorus in coastal wetland soil related land use in the Modern Yellow River Delta. <i>Scientific Reports</i> , 2016, 6, 37940.	3.3	58
23	Bacterial community structure and function shift along a successional series of tidal flats in the Yellow River Delta. <i>Scientific Reports</i> , 2016, 6, 36550.	3.3	99
24	Toxicological proteomic responses of halophyte <i>Suaeda salsa</i> to lead and zinc. <i>Ecotoxicology and Environmental Safety</i> , 2016, 134, 163-171.	6.0	12
25	Fractal features of soil particle size distribution in newly formed wetlands in the Yellow River Delta. <i>Scientific Reports</i> , 2015, 5, 10540.	3.3	32
26	Effects of episodic flooding on the net ecosystem CO ₂ exchange of a supratidal wetland in the Yellow River Delta. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 1506-1520.	3.0	70
27	Changes of Soil Particle Size Distribution in Tidal Flats in the Yellow River Delta. <i>PLoS ONE</i> , 2015, 10, e0121368.	2.5	28
28	Water isotope technology application for sustainable eco-environmental construction: Effects of landscape characteristics on water yield in the alpine headwater catchments of Tibetan Plateau for sustainable eco-environmental construction. <i>Ecological Engineering</i> , 2015, 74, 241-249.	3.6	2
29	Vegetation Types Alter Soil Respiration and Its Temperature Sensitivity at the Field Scale in an Estuary Wetland. <i>PLoS ONE</i> , 2014, 9, e91182.	2.5	34
30	Effects of Age and Stand Density of Mother Trees on Early <i>Pinus thunbergii</i> Seedling Establishment in the Coastal Zone, China. <i>Scientific World Journal</i> , The, 2014, 2014, 1-9.	2.1	10
31	Wet and Dry Atmospheric Depositions of Inorganic Nitrogen during Plant Growing Season in the Coastal Zone of Yellow River Delta. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	2.1	16
32	Effects of Urbanization Expansion on Landscape Pattern and Region Ecological Risk in Chinese Coastal City: A Case Study of Yantai City. <i>Scientific World Journal</i> , The, 2014, 2014, 1-9.	2.1	23
33	Soil Phosphorus Forms and Profile Distributions in the Tidal River Network Region in the Yellow River Delta Estuary. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	2.1	6
34	Functional Trait Trade-Offs for the Tropical Montane Rain Forest Species Responding to Light from Simulating Experiments. <i>Scientific World Journal</i> , The, 2014, 2014, 1-9.	2.1	9
35	Effects of Different Vegetation Zones on CH ₄ and N ₂ O Emissions in Coastal Wetlands: A Model Case Study. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	2.1	2
36	Responses of Seed Germination, Seedling Growth, and Seed Yield Traits to Seed Pretreatment in Maize (<i>Zea mays</i> L.). <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	2.1	65

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37	A Meta-Analysis of the Bacterial and Archaeal Diversity Observed in Wetland Soils. <i>Scientific World Journal</i> , The, 2014, 2014, 1-12.	2.1	57
38	N ₂ O Emissions from an Apple Orchard in the Coastal Area of Bohai Bay, China. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	2.1	4
39	Ecological Effects of Roads on the Plant Diversity of Coastal Wetland in the Yellow River Delta. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	2.1	9
40	Spatiotemporal Distribution Characteristics of Soil Organic Carbon in Newborn Coastal Wetlands of the Yellow River Delta Estuary. <i>Clean - Soil, Air, Water</i> , 2014, 42, 311-318.	1.1	28
41	Influences of anthropogenic cultivation on C, N and P stoichiometry of reed-dominated coastal wetlands in the Yellow River Delta. <i>Geoderma</i> , 2014, 235-236, 227-232.	5.1	31
42	The spatial distribution characteristics of soil salinity in coastal zone of the Yellow River Delta. <i>Environmental Earth Sciences</i> , 2014, 72, 589-599.	2.7	127
43	Agricultural reclamation effects on ecosystem CO ₂ exchange of a coastal wetland in the Yellow River Delta. <i>Agriculture, Ecosystems and Environment</i> , 2014, 196, 187-198.	5.3	58
44	Ecosystem photosynthesis regulates soil respiration on a diurnal scale with a short-term time lag in a coastal wetland. <i>Soil Biology and Biochemistry</i> , 2014, 68, 85-94.	8.8	76
45	Environmental Controls on Net Ecosystem CO ₂ Exchange Over a Reed (<i>Phragmites australis</i>) Wetland in the Yellow River Delta, China. <i>Estuaries and Coasts</i> , 2013, 36, 401-413.	2.2	60
46	Proteomic and metabolomic analysis of earthworm <i>Eisenia fetida</i> exposed to different concentrations of 2,2,4,4-tetrabromodiphenyl ether. <i>Journal of Proteomics</i> , 2013, 91, 405-416.	2.4	58
47	Regulation of Metabolites, Gene Expression, and Antioxidant Enzymes to Environmentally Relevant Lead and Zinc in the Halophyte <i>Suaeda salsa</i> . <i>Journal of Plant Growth Regulation</i> , 2013, 32, 353-361.	5.1	34
48	Proteomic and metabolomic analysis reveal gender-specific responses of mussel <i>Mytilus galloprovincialis</i> to 2,2,4,4-tetrabromodiphenyl ether (BDE 47). <i>Aquatic Toxicology</i> , 2013, 140-141, 449-457.	4.0	94
49	Proteomic and metabolomic responses of clam <i>Ruditapes philippinarum</i> to arsenic exposure under different salinities. <i>Aquatic Toxicology</i> , 2013, 136-137, 91-100.	4.0	65
50	The influence of salinity on toxicological effects of arsenic in digestive gland of clam <i>Ruditapes philippinarum</i> using metabolomics. <i>Chinese Journal of Oceanology and Limnology</i> , 2013, 31, 345-352.	0.7	12
51	Status of Macrobenthic Community and Its Relationships to Trace Metals and Natural Sediment Characteristics. <i>Clean - Soil, Air, Water</i> , 2013, 41, 1027-1034.	1.1	5
52	The Ecological Restoration of Heavily Degraded Saline Wetland in the Yellow River Delta. <i>Clean - Soil, Air, Water</i> , 2013, 41, 690-696.	1.1	20
53	An Integrated Proteomic and Metabolomic Study on the Chronic Effects of Mercury in <i>Suaeda salsa</i> under an Environmentally Relevant Salinity. <i>PLoS ONE</i> , 2013, 8, e64041.	2.5	47
54	Effects of Salinity on Metabolic Profiles, Gene Expressions, and Antioxidant Enzymes in Halophyte <i>Suaeda salsa</i> . <i>Journal of Plant Growth Regulation</i> , 2012, 31, 332-341.	5.1	45

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55	Determination of 16 polycyclic aromatic hydrocarbons in seawater using molecularly imprinted solid-phase extraction coupled with gas chromatography-mass spectrometry. <i>Talanta</i> , 2012, 99, 75-82.	5.5	149
56	Identification and expression profile of a new cytochrome P450 isoform (CYP414A1) in the hepatopancreas of <i>Venerupis (Ruditapes) philippinarum</i> exposed to benzo[a]pyrene, cadmium and copper. <i>Environmental Toxicology and Pharmacology</i> , 2012, 33, 85-91.	4.0	23
57	Pathways of cadmium fluxes in the root of the halophyte <i>Suaeda salsa</i> . <i>Ecotoxicology and Environmental Safety</i> , 2012, 75, 1-7.	6.0	78
58	Effects of Salinity and Water Depth on Germination of <i>Phragmites australis</i> in Coastal Wetland of the Yellow River Delta. <i>Clean - Soil, Air, Water</i> , 2012, 40, 1154-1158.	1.1	42
59	Toxicological effects of environmentally relevant lead and zinc in halophyte <i>Suaeda salsa</i> by NMR-based metabolomics. <i>Ecotoxicology</i> , 2012, 21, 2363-2371.	2.4	22
60	Toxicological responses in halophyte <i>Suaeda salsa</i> to mercury under environmentally relevant salinity. <i>Ecotoxicology and Environmental Safety</i> , 2012, 85, 64-71.	6.0	31
61	Salinity-Induced Effects in the Halophyte <i>Suaeda salsa</i> Using NMR-based Metabolomics. <i>Plant Molecular Biology Reporter</i> , 2012, 30, 590-598.	1.8	14
62	Winter Soil Respiration from Different Vegetation Patches in the Yellow River Delta, China. <i>Environmental Management</i> , 2012, 50, 39-49.	2.7	18
63	Vegetative Ecological Characteristics of Restored Reed (<i>Phragmites australis</i>) Wetlands in the Yellow River Delta, China. <i>Environmental Management</i> , 2012, 49, 325-333.	2.7	62
64	Effects of salt stress and nitrogen application on growth and ion accumulation of <i>Suaeda salsa</i> plants. , 2011, , .		8
65	Transcriptional regulation of selenium-dependent glutathione peroxidase from <i>Venerupis philippinarum</i> in response to pathogen and contaminants challenge. <i>Fish and Shellfish Immunology</i> , 2011, 31, 831-837.	3.6	33
66	Cooling-induced fractionation of mantle Li isotopes from the ultraslow-spreading Gakkel Ridge. <i>Earth and Planetary Science Letters</i> , 2011, 301, 231-240.	4.4	45
67	Toxicological responses to acute mercury exposure for three species of Manila clam <i>Ruditapes philippinarum</i> by NMR-based metabolomics. <i>Environmental Toxicology and Pharmacology</i> , 2011, 31, 323-332.	4.0	69
68	Benzo(a)pyrene-induced metabolic responses in Manila clam <i>Ruditapes philippinarum</i> by proton nuclear magnetic resonance (1H NMR) based metabolomics. <i>Environmental Toxicology and Pharmacology</i> , 2011, 32, 218-25.	4.0	67
69	NMR-Based Metabolomic Investigations on the Differential Responses in Adductor Muscles from Two Pedigrees of Manila Clam <i>Ruditapes philippinarum</i> to Cadmium and Zinc. <i>Marine Drugs</i> , 2011, 9, 1566-1579.	4.6	26
70	Metabolic responses in gills of Manila clam <i>Ruditapes philippinarum</i> exposed to copper using NMR-based metabolomics. <i>Marine Environmental Research</i> , 2011, 72, 33-39.	2.5	99
71	Differential toxicological effects induced by mercury in gills from three pedigrees of Manila clam <i>Ruditapes philippinarum</i> by NMR-based metabolomics. <i>Ecotoxicology</i> , 2011, 20, 177-186.	2.4	89
72	Metabolic profiling of cadmium-induced effects in one pioneer intertidal halophyte <i>Suaeda salsa</i> by NMR-based metabolomics. <i>Ecotoxicology</i> , 2011, 20, 1422-1431.	2.4	64

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73	Assessment of Clam <i>Ruditapes philippinarum</i> as Heavy Metal Bioindicators Using NMR-Based Metabolomics. <i>Clean - Soil, Air, Water</i> , 2011, 39, 759-766.	1.1	28
74	Metabolomic Study on the Halophyte <i>Suaeda salsa</i> in the Yellow River Delta. <i>Clean - Soil, Air, Water</i> , 2011, 39, 720-727.	1.1	13
75	Physiological Responses of Halophyte <i>Suaeda salsa</i> to Water Table and Salt Stresses in Coastal Wetland of Yellow River Delta. <i>Clean - Soil, Air, Water</i> , 2011, 39, 1029-1035.	1.1	51
76	Toxicological Effects Induced by Cadmium in Gills of Manila Clam <i>Ruditapes philippinarum</i> Using NMR-Based Metabolomics. <i>Clean - Soil, Air, Water</i> , 2011, 39, 989-995.	1.1	19
77	The fluxes and controlling factors of N ₂ O and CH ₄ emissions from freshwater marsh in Northeast China. <i>Science China Earth Sciences</i> , 2010, 53, 700-709.	5.2	8
78	Biogeochemical Characterizations and Reclamation Strategies of Saline Sodic Soil in Northeastern China. <i>Clean - Soil, Air, Water</i> , 2010, 38, 1010-1016.	1.1	37
79	Estimating Net Primary Productivity and Nutrient Stock in Plant in Freshwater Marsh, Northeastern China. <i>Clean - Soil, Air, Water</i> , 2010, 38, 1080-1086.	1.1	6
80	Determination of 16 polycyclic aromatic hydrocarbons in environmental water samples by solid-phase extraction using multi-walled carbon nanotubes as adsorbent coupled with gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 5462-5469.	3.7	229
81	Biogenic Nitric Oxide Emission of Mountain Soils Sampled from Different Vertical Landscape Zones in the Changbai Mountains, Northeastern China. <i>Environmental Science & Technology</i> , 2010, 44, 4122-4128.	10.0	11
82	Salt Tolerance in Two <i>Suaeda</i> Species: Seed Germination and Physiological Responses. <i>Asian Journal of Plant Sciences</i> , 2010, 9, 194-199.	0.4	17
83	The Pd-catalyzed hydrodechlorination of chlorophenols in aqueous solutions under mild conditions: A promising approach to practical use in wastewater. <i>Journal of Hazardous Materials</i> , 2009, 169, 1029-1033.	12.4	64
84	Short-term effects of copper, cadmium and cypermethrin on dehydrogenase activity and microbial functional diversity in soils after long-term mineral or organic fertilization. <i>Agriculture, Ecosystems and Environment</i> , 2009, 129, 450-456.	5.3	54
85	Catalytic hydrodechlorination reactivity of monochlorophenols in aqueous solutions over palladium/carbon catalyst. <i>Catalysis Communications</i> , 2009, 10, 456-458.	3.3	39
86	The influence of ion effects on the Pd-catalyzed hydrodechlorination of 4-chlorophenol in aqueous solutions. <i>Catalysis Communications</i> , 2009, 10, 1443-1445.	3.3	25
87	Biogenic nitric oxide emission from saline sodic soils in a semiarid region, northeastern China: A laboratory study. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	18
88	Enhanced net formations of nitrous oxide and methane underneath the frozen soil in Sanjiang wetland, northeastern China. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	27
89	Nitrous Oxide Emission from <i>Deyeuxia angustifolia</i> Freshwater Marsh in Northeast China. <i>Environmental Management</i> , 2007, 40, 613-622.	2.7	13
90	Decomposition and nutrient dynamics of marsh litter in the Sanjiang Plain, Northeast China. <i>Acta Ecologica Sinica</i> , 2006, 26, 1297-1301.	1.9	20

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91	Dynamic variation of nitrogen content in the Second Songhua River. Chinese Geographical Science, 1999, 9, 368-372.	3.0	3