

Yiping Luo

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

931
citations

430874

18
h-index

477307

29
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49
all docs

49
docs citations

49
times ranked

961
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective conversion of corncob hemicellulose to xylose via hydrothermal treatment with Fe ₂ (SO ₄) ₃ and NaCl. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 1231-1240.	4.6	4
2	Effects of temperature on metabolic scaling in silver carp. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2022, 337, 141-149.	1.9	4
3	The biological and abiotic effects of powdered activated carbon on the anaerobic digestion performance of cornstalk. <i>Bioresource Technology</i> , 2022, 343, 126072.	9.6	24
4	An integrated process for the valorization of corn stover promoted by NaCl in a GVL/H ₂ O system. <i>Green Chemistry</i> , 2022, 24, 1515-1526.	9.0	14
5	Roles of ZnCl ₂ and FeCl ₃ in preparing high performance corn stover-based carbon materials for efficient removal of Cr (VI) from wastewater. <i>Journal of Water Process Engineering</i> , 2022, 47, 102743.	5.6	13
6	Comparison of metabolic scaling between triploid and diploid common carp. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, 191, 711-719.	1.5	3
7	Does the Anionic Surfactant Isopropylamine Dodecylbenzene Sulfonate Induce Hepatic Oxidative Stress and Impairment in <i>Carassius auratus gibelio</i> ?. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 107, 487-493.	2.7	2
8	Correlation between Metabolic Rate and Salinity Tolerance and Metabolic Response to Salinity in Grass Carp (<i>Ctenopharyngodon idella</i>). <i>Animals</i> , 2021, 11, 3445.	2.3	4
9	Differences in swimming performance and energetic costs between an endangered native toothcarp (<i>Aphanius iberus</i>) and an invasive mosquitofish (<i>Gambusia holbrooki</i>). <i>Ecology of Freshwater Fish</i> , 2020, 29, 230-240.	1.4	10
10	Towards zero waste: A valorization route of washing separation and liquid hot water consecutive pretreatment to achieve solid vinasse based biorefinery. <i>Journal of Cleaner Production</i> , 2020, 248, 119253.	9.3	21
11	The Promotion Effect of NaCl on the Conversion of Xylose to Furfural. <i>Chinese Journal of Chemistry</i> , 2020, 38, 178-184.	4.9	21
12	Ventilation Frequency Reveals the Roles of Exchange Surface Areas in Metabolic Scaling. <i>Physiological and Biochemical Zoology</i> , 2020, 93, 13-22.	1.5	8
13	Effect of viscosity on process stability and microbial community composition during anaerobic mesophilic digestion of Maotai-flavored distiller's grains. <i>Bioresource Technology</i> , 2020, 297, 122460.	9.6	30
14	The effect of sodium chloride concentration on the mutarotation and structure of d-xylose in water: Experimental and theoretical investigation. <i>Carbohydrate Research</i> , 2020, 489, 107941.	2.3	5
15	Effects of gill excision and food deprivation on metabolic scaling in the goldfish <i>Carassius auratus</i> . <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2020, 333, 194-200.	1.9	2
16	Roles of water and aluminum sulfate for selective dissolution and utilization of hemicellulose to develop sustainable corn stover-based biorefinery. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 122, 109724.	16.4	16
17	Effects of temperature on metabolic scaling in black carp. <i>PeerJ</i> , 2020, 8, e9242.	2.0	4
18	The roles of phosphorus species formed in activated biochar from rice husk in the treatment of landfill leachate. <i>Bioresource Technology</i> , 2019, 288, 121533.	9.6	29

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19	The performance of phosphoric acid in the preparation of activated carbon-containing phosphorus species from rice husk residue. <i>Journal of Materials Science</i> , 2019, 54, 5008-5021.	3.7	63
20	How does the snakehead <i>Channa argus</i> survive in air? The combined roles of the suprabranchial chamber and physiological regulations during aerial respiration. <i>Biology Open</i> , 2018, 7, .	1.2	7
21	Are the surface areas of the gills and body involved with changing metabolic scaling with temperature?. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	17
22	Mass scaling of the resting and maximum metabolic rates of the black carp. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2018, 188, 591-598.	1.5	12
23	Effects of γ -Valerolactone/ H_2O Solvent on the Degradation of <i>pubescens</i> for Its Fullest Utilization. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 6094-6103.	5.2	22
24	Body and organ metabolic rates of a cave fish, <i>Triplophysa rosa</i> : influence of light and ontogenetic variation. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2018, 188, 947-955.	1.5	8
25	Toward a Zero-Waste Biorefinery: Confocal Microscopy as a Tool for the Analysis of Lignocellulosic Biomass. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13185-13191.	6.7	5
26	Effects of size and sex on swimming performance and metabolism of invasive mosquitofish <i>Gambusia holbrooki</i> . <i>Ecology of Freshwater Fish</i> , 2017, 26, 424-433.	1.4	16
27	Microwave-assisted hydrothermal selective dissolution and utilisation of hemicellulose in <i>Phyllostachys heterocycla</i> cv. <i>pubescens</i> . <i>Green Chemistry</i> , 2017, 19, 4889-4899.	9.0	51
28	A Simple Two-Step Method for the Selective Conversion of Hemicellulose in <i>Pubescens</i> to Furfural. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8137-8147.	6.7	50
29	Does air-breathing meet metabolic demands of the juvenile snakehead, <i>Channa argus</i> in multiple conditions. <i>Biology Open</i> , 2017, 6, 642-647.	1.2	4
30	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2017, 17, .	0.9	13
31	High Efficient Hydrogenation of Lignin-Derived Monophenols to Cyclohexanols over $Pd/\gamma-Al_2O_3$ under Mild Conditions. <i>Catalysts</i> , 2016, 6, 12.	3.5	34
32	Effects of body chemical components on the allometric scaling of the resting metabolic rate in four species of cyprinids. <i>Fish Physiology and Biochemistry</i> , 2016, 42, 295-301.	2.3	5
33	Production of γ -valerolactone via selective catalytic conversion of hemicellulose in <i>pubescens</i> without addition of external hydrogen. <i>Green Chemistry</i> , 2016, 18, 848-857.	9.0	33
34	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2015, 15, .	0.9	3
35	Intraspecific metabolic scaling exponent depends on red blood cell size in fishes. <i>Journal of Experimental Biology</i> , 2015, 218, 1496-503.	1.7	21
36	Intraspecific mass scaling of metabolic rates in grass carp (<i>Ctenopharyngodon idellus</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2014, 184, 347-354.	1.5	33

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37	The degradation of the lignin in <i>Phyllostachys heterocyclus</i> cv. <i>pubescens</i> in an ethanol solvothermal system. <i>Green Chemistry</i> , 2014, 16, 3107-3116.	9.0	91
38	Selective dissociation and conversion of hemicellulose in <i>Phyllostachys heterocyclus</i> cv. var. <i>pubescens</i> to value-added monomers via solvent-thermal methods promoted by AlCl ₃ . <i>RSC Advances</i> , 2014, 4, 24194-24206.	3.6	32
39	Comparison of the body proximate compositions of juvenile bronze gudgeon (<i>Coreius heterodon</i>) and largemouth bronze gudgeon (<i>C. guichenoti</i>) in the upstream region of the Yangtze River. <i>SpringerPlus</i> , 2013, 2, 75.	1.2	5
40	Effect of body size on organ-specific mitochondrial respiration rate of the largemouth bronze gudgeon. <i>Fish Physiology and Biochemistry</i> , 2013, 39, 513-521.	2.3	9
41	Effects of starvation on the excess post-exercise oxygen consumption of juvenile Nile tilapia (<i>Oreochromis niloticus</i>). <i>Marine and Freshwater Behaviour and Physiology</i> , 2013, 45, 333-342.	0.9	8
42	Intraspecific Scaling of the Resting and Maximum Metabolic Rates of the Crucian Carp (<i>Carassius</i>)	2.5	38
43	Effect of meal size on the specific dynamic action of the juvenile snakehead (<i>Channa argus</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 161, 401-405.	1.8	34
44	Effects of high carbohydrate and high lipid diets on growth, body composition and glucose metabolism in southern catfish at two temperatures. <i>Aquaculture Research</i> , 2010, 41, e431.	1.8	7
45	Effects of body lipid content on the resting metabolic rate and postprandial metabolic response in the southern catfish <i>Silurus meridionalis</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 154, 547-550.	1.8	2
46	The effect of temperature on post-feeding ammonia excretion and oxygen consumption in the southern catfish. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2009, 179, 681-689.	1.5	17
47	Specific dynamic action in two body size groups of the southern catfish (<i>Silurus meridionalis</i>) fed diets differing in carbohydrate and lipid contents. <i>Fish Physiology and Biochemistry</i> , 2008, 34, 465-471.	2.3	16
48	Effects of temperature on the specific dynamic action of the southern catfish, <i>Silurus meridionalis</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008, 149, 150-156.	1.8	60