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Occurrence of sulfonamide and tetracycline-resistant bacteria and resistance genes in aquaculture environment

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| 195 | Propagation of antibiotic resistance genes in an industrial recirculating aquaculture system located at northern China. <b>2020</b> , 261, 114155                                                                  | 18 |
| 194 | Response of sediment bacterial communities to the drainage of wastewater from aquaculture ponds in different seasons. <b>2020</b> , 717, 137180                                                                    | 16 |
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| 190 | Response Surface Optimization of an Extraction Method for the Simultaneous Detection of Sulfamethoxazole and 17 Estradiol in Soil. <b>2020</b> , 25,                                                               | 3  |
| 189 | Distribution pattern of antibiotic resistance genes and bacterial community in agricultural soil samples of Wuliangsuhai watershed. China. <b>2020</b> , 295, 106884                                               | 9  |
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| 184 | Comparison of the antibiotic resistance between genetically diverse and toxigenic Bacillus cereus sensu lato from milk, pepper and natural habitats. <b>2021</b> , 130, 370-381                                    | 1  |
| 183 | Comparative removal of two antibiotic resistant bacteria and genes by the simultaneous use of chlorine and UV irradiation (UV/chlorine): Influence of free radicals on gene degradation. <b>2021</b> , 755, 142696 | 21 |
| 182 | Antibiotic and metal resistance genes are closely linked with nitrogen-processing functions in municipal solid waste landfills. <b>2021</b> , 403, 123689                                                          | 16 |
| 181 | Effect of sulfamethoxazole and oxytetracycline on enhanced biological phosphorus removal and bacterial community structure. <b>2021</b> , 319, 124067                                                              | 3  |
| 180 | Occurrence of emerging sulfonamide resistance (sul1 and sul2) associated with mobile integrons-integrase (intl1 and intl2) in riverine systems. <b>2021</b> , 751, 142217                                          | 12 |
| 179 | Deciphering of antibiotic resistance genes (ARGs) and potential abiotic indicators for the emergence of ARGs in an interconnected lake-river-reservoir system. <b>2021</b> , 410, 124552                           | 7  |

| 178 | Designing a marine outfall to reduce microbial risk on a recreational beach: Field experiment and modeling. <b>2021</b> , 409, 124587                                                                                                        | 4  |
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| 177 | High-efficiency adsorption of tetracycline by cooperation of carbon and iron in a magnetic Fe/porous carbon hybrid with effective Fenton regeneration. <b>2021</b> , 538, 147813                                                             | 34 |
| 176 | Unveiling the correlation of FeO fractions upon the adsorption behavior of sulfamethoxazole on magnetic activated carbon. <b>2021</b> , 757, 143717                                                                                          | 9  |
| 175 | Photochemical reactivity of nitrogen-doped biochars under simulated sunlight irradiation: Generation of singlet oxygen. <b>2021</b> , 410, 124547                                                                                            | 3  |
| 174 | Heterotrophic nitrification-aerobic denitrification characteristics and antibiotic resistance of two bacterial consortia from Marinomonas and Halomonas with effective nitrogen removal in mariculture wastewater. <b>2021</b> , 279, 111786 | 5  |
| 173 | Prevalence of antibiotic resistance genes in wastewater collected from ornamental fish market in northern China. <b>2021</b> , 271, 116316                                                                                                   | 5  |
| 172 | Prevalence of antibiotic-resistant bacteria in freshwater fish farms. <b>2021</b> , 52, 2036-2047                                                                                                                                            | 2  |
| 171 | Improving removal of antibiotics in constructed wetland treatment systems based on key design and operational parameters: A review. <b>2021</b> , 407, 124386                                                                                | 19 |
| 170 | Nile tilapia (Oreochromis niloticus) as an aquatic vector for Pseudomonas species of medical importance: Antibiotic Resistance Association with Biofilm Formation, Quorum Sensing and Virulence. <b>2021</b> , 532, 736068                   | 6  |
| 169 | A review on anammox process for the treatment of antibiotic-containing wastewater: Linking effects with corresponding mechanisms. <b>2021</b> , 15, 1                                                                                        | 31 |
| 168 | An innovative approach to degrade xenobiotics through microbial system. <b>2021</b> , 73-100                                                                                                                                                 |    |
| 167 | Antimicrobial resistance in Vibrios of shrimp aquaculture: Incidence, identification schemes, drivers and mitigation measures. <b>2021</b> , 52, 2923-2941                                                                                   | 5  |
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| 165 | Comparative study on the bacterial diversity and antibiotic resistance genes of urban landscape waters replenished by reclaimed water and surface water in XiQn, China. <b>2021</b> , 28, 41396-41406                                        | 2  |
| 164 | Tetracycline-Resistant Bacteria Selected from Water and Zebrafish after Antibiotic Exposure. <b>2021</b> , 18,                                                                                                                               | 3  |
| 163 | Risk-Assessment Method to Forecast Health Hazards Correlated with Distribution of NDM-1 Gene in Waterbodies Surrounding Hyderabad, India. <b>2021</b> , 147, 04021013                                                                        |    |
| 162 | Effectively reducing antibiotic contamination and resistance in fishery by efficient gastrointestine-blood delivering dietary millispheres. <b>2021</b> , 409, 125012                                                                        | 4  |
| 161 | Metagenomics and Other Omics Approaches to Bacterial Communities and Antimicrobial Resistance Assessment in Aquacultures. <b>2021</b> , 10,                                                                                                  | 1  |

| 160 | Analysis of Antibiotic Resistance Genes, Environmental Factors, and Microbial Community From Aquaculture Farms in Five Provinces, China. <b>2021</b> , 12, 679805                              | 4  |
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| 159 | Antibiotic-resistant bacteria in municipal sewage water joining river Ganga, at Prayagraj (India). <b>2021</b> , 23, 101175                                                                    | Ο  |
| 158 | Emerging contaminants detected in aquaculture sites in Java, Indonesia. <b>2021</b> , 773, 145057                                                                                              | 9  |
| 157 | Antimicrobial peptide hepcidin contributes to host defense of Centropristis striata against Vibrio harveyi challenge. <b>2021</b> , 40, 61-66                                                  |    |
| 156 | Visible-Light-Driven Bio-Templated Magnetic Copper Oxide Composite for Heterogeneous Photo-Fenton Degradation of Tetracycline. <b>2021</b> , 13, 1918                                          | 5  |
| 155 | Quantitative assessment of transferable antibiotic resistance genes in zebrafish (Danio rerio) fed Hermetia illucens-based feed. <b>2021</b> , 277, 114978                                     | 4  |
| 154 | Facile synthesis a novel corellhell amino functionalized MIL-125(Ti) micro-photocatalyst for enhanced degradation of tetracycline hydrochloride under visible light. <b>2021</b> , 416, 129126 | 20 |
| 153 | Transformation of tetracycline antibiotics with goethite: Mechanism, kinetic modeling and toxicity evaluation. <i>Water Research</i> , <b>2021</b> , 199, 117196                               | 12 |
| 152 | Functional Characterization of Porcine NK-Lysin: A Novel Immunomodulator That Regulates Intestinal Inflammatory Response. <b>2021</b> , 26,                                                    | 2  |
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| 150 | Fate of pharmaceutically active compounds in a pilot-scale A2O integrated fixed-film activated sludge (IFAS) process treating municipal wastewater. <b>2021</b> , 9, 105398                    | 5  |
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| 148 | The transportation, transformation and (bio)accumulation of pharmaceuticals in the terrestrial ecosystem. <b>2021</b> , 781, 146684                                                            | 11 |
| 147 | Environmental antimicrobial resistance is associated with faecal pollution in Central Thailand@ coastal aquaculture region. <b>2021</b> , 416, 125718                                          | 7  |
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| 145 | Abiotic mechanism changing tetracycline resistance in root mucus layer of floating plant: The role of antibiotic-exudate complexation. <b>2021</b> , 416, 125728                               | Ο  |
| 144 | The impact of antimicrobials on the efficiency of methane fermentation of sewage sludge, changes in microbial biodiversity and the spread of antibiotic resistance. <b>2021</b> , 416, 125773  | 2  |
| 143 | Impact of Non-Metallic Organic Tanning Agents with a Double-Triazine Structure on the Microbial Community Structure in Wastewater. <b>2021</b> , 13, 2438                                      |    |

| 142 | New Estimation of Antibiotic Resistance Genes in Sediment Along the Haihe River and Bohai Bay in China: A Comparison Between Single and Successive DNA Extraction Methods. <b>2021</b> , 12, 705724           |      |    |
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| 141 | The fate of tetracycline in vegetated mesocosmic wetlands and its impact on the water quality and epiphytic microbes. <b>2021</b> , 417, 126148                                                               |      | 5  |
| 140 | Recognize and assessment of key host humic-reducing microorganisms of antibiotic resistance genes in different biowastes composts. <b>2022</b> , 806, 150736                                                  |      | О  |
| 139 | Metagenomics analysis reveals the distribution and communication of antibiotic resistance genes within two different red swamp crayfish Procambarus clarkii cultivation ecosystems. <b>2021</b> , 285, 117144 |      | 1  |
| 138 | Abiotic transformation and ecotoxicity change of sulfonamide antibiotics in environmental and water treatment processes: A critical review. <i>Water Research</i> , <b>2021</b> , 202, 117463                 | 12.5 | 12 |
| 137 | Field-Realistic Tylosin Exposure Impacts Honey Bee Microbiota and Pathogen Susceptibility, Which Is Ameliorated by Native Gut Probiotics. <b>2021</b> , 9, e0010321                                           |      | 6  |
| 136 | Annual trends and health risks of antibiotics and antibiotic resistance genes in a drinking water source in East China. <b>2021</b> , 791, 148152                                                             |      | 14 |
| 135 | Inhibited conjugative transfer of antibiotic resistance genes in antibiotic resistant bacteria by surface plasma. <i>Water Research</i> , <b>2021</b> , 204, 117630                                           | 12.5 | 6  |
| 134 | Responses of sediment resistome, virulence factors and potential pathogens to decades of antibiotics pollution in a shrimp aquafarm. <b>2021</b> , 794, 148760                                                |      | 7  |
| 133 | Antibiotic resistance of culturable heterotrophic bacteria isolated from shrimp (Penaeus vannamei) aquaculture ponds. <b>2021</b> , 172, 112887                                                               |      | 6  |
| 132 | Human health risk assessment of selected pharmaceuticals in the five major river basins, China. <b>2021</b> , 801, 149730                                                                                     |      | 3  |
| 131 | Multiple driving factors contribute to the variations of typical antibiotic resistance genes in different parts of soil-lettuce system. <b>2021</b> , 225, 112815                                             |      | 2  |
| 130 | Three naturally occurring host defense peptides protect largemouth bass (Micropterus salmoides) against bacterial infections. <b>2022</b> , 546, 737383                                                       |      | О  |
| 129 | Occurrence of antibiotics and antibiotic resistance genes in cultured prawns from rice-prawn co-culture and prawn monoculture systems in China. <b>2022</b> , 806, 150307                                     |      | 1  |
| 128 | Antibiotic residues from aquaculture farms and their ecological risks in Southeast Asia: a case study from Malaysia. <b>2021</b> , 7, 1926337                                                                 |      | 13 |
| 127 | Enrichment of endophytic Actinobacteria in roots and rhizomes of Miscanthus lgiganteus plants exposed to diclofenac and sulfamethoxazole. <b>2020</b> , 27, 11892-11904                                       |      | 14 |
| 126 | Exploring the disparity of inhalable bacterial communities and antibiotic resistance genes between hazy days and non-hazy days in a cold megacity in Northeast China. <b>2020</b> , 398, 122984               |      | 5  |
| 125 | Drinking water biofiltration: Behaviour of antibiotic resistance genes and the association with bacterial community. <i>Water Research</i> , <b>2020</b> , 182, 115954                                        | 12.5 | 14 |

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| 124 | Occurrence and distribution of antibiotic resistance genes in the water and sediments of Qingcaosha Reservoir, Shanghai, China. <b>2019</b> , 31,                                                          | 23 |
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| 123 | Sulphonamide and trimethoprim resistance genes persist in sediments at Baltic Sea aquaculture farms but are not detected in the surrounding environment. <b>2014</b> , 9, e92702                           | 75 |
| 122 | A Comparison of Microbial Water Quality and Diversity for Ballast and Tropical Harbor Waters. <b>2015</b> , 10, e0143123                                                                                   | 32 |
| 121 | Isolation of Bacterial Endophytes from and their Potential in Diclofenac and Sulfamethoxazole Degradation. <b>2018</b> , 67, 321-331                                                                       | 13 |
| 120 | Assessment of immunohematological, hematological and biochemical responses in cultivable fish Cyprinus carpio exposed to an antibiotic sulfamethoxazole (SMX). <b>2021</b> , 19, 108-119                   | 4  |
| 119 | Occurrence of Tetracyclines Resistant Bacteria in the Soil Applied with Livestock Manure Compost. <b>2014</b> , 33, 409-413                                                                                | 1  |
| 118 | Persisting antibiotic resistance gene pollution and its association with human sewage sources in tropical marine beach waters. <b>2021</b> , 238, 113859                                                   | O  |
| 117 | Prevalence, antimicrobial resistance (AMR) pattern, virulence determinant and AMR genes of emerging multi-drug resistant Edwardsiella tarda in Nile tilapia and African catfish. <b>2022</b> , 548, 737643 | 11 |
| 116 | Fate of antibiotic resistance genes in abandoned swine feedlots in China: seasonal variation. <b>2021</b> , 33,                                                                                            | О  |
| 115 | Effects of aquaculture waste feeds and antibiotics on marine benthic ecosystems in the Mediterranean Sea. <b>2022</b> , 806, 151190                                                                        | 1  |
| 114 | A critical review on the antimicrobial resistance, antibiotic residue and metagenomics-assisted antimicrobial resistance gene detection in freshwater aquaculture environment.                             | 1  |
| 113 | Pollution of Aqueous Matrices with Pharmaceuticals. <b>2014</b> , 355-373                                                                                                                                  |    |
| 112 | Occurrence, Effects, and Methods for Antibiotics and Illicit Drugs in the Environment. <b>2014</b> , 43-64                                                                                                 | О  |
| 111 | Coadministration of citric acid allows oxytetracycline dose reduction in yellowtail Seriola quinqueradiata infected with Vibrio anguillarum. <b>2020</b> , 140, 25-29                                      | O  |
| 110 | Insights into the mechanism of enhanced peroxymonosulfate degraded tetracycline using metal organic framework derived carbonyl modified carbon-coated Fe. <b>2021</b> , 424, 127640                        | 19 |
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| 108 | Changes in antibiotic resistance genotypes and phenotypes after two typical sewage disposal processes. <b>2021</b> , 132833                                                                                | 1  |
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| 105 | Removal of Azithromycin from Aqueous Solution Using UV- Light Alone and UV Plus Persulfate (UV/Na2S2O8) Processes. <b>2018</b> , 17, 54-64                                                                                                  | 1 |
| 104 | Antibiotics in mariculture systems: A review of occurrence, environmental behavior, and ecological effects. <b>2021</b> , 293, 118541                                                                                                       | 6 |
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| 101 | Microbially-mediated synthesis of activated carbon derived from cottonseed husks for enhanced sulfanilamide removal. <b>2021</b> , 426, 127811                                                                                              | 1 |
| 100 | White-tailed eagles (Haliaeetus albicilla) in protected Danube wetlands as carriers of Escherichia coli with resistance and virulence genes. <b>2021</b> , 67, 1                                                                            | 1 |
| 99  | Seasonal and spatial variability of antibiotic resistance genes and Class I integrons in the rivers of the Mekong delta, Vietnam.                                                                                                           | O |
| 98  | Removal of Trimethoprim from Water using Carbonized Wood Waste as Adsorbents. 344-353                                                                                                                                                       | 1 |
| 97  | Antibiotics, antibiotic resistance genes and microbial community in grouper mariculture. <b>2021</b> , 152042                                                                                                                               | 3 |
| 96  | Antibiotic and antibiotic resistance genes in freshwater aquaculture ponds in China: A meta-analysis and assessment. <b>2021</b> , 329, 129719                                                                                              | 3 |
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| 94  | Catalytic degradation of sulfamethoxazole by peroxymonosulfate activation system composed of nitrogen-doped biochar from pomelo peel: Important roles of defects and nitrogen, and detoxification of intermediates <b>2022</b> , 613, 57-70 | 2 |
| 93  | Relationship between water quality, heavy metals and antibiotic resistance genes among three freshwater lakes <b>2022</b> , 194, 64                                                                                                         | 3 |
| 92  | Removal of tetracycline from aqueous solutions by adsorption on raw Ca-bentonite. Effect of operating conditions and adsorption mechanism. <b>2022</b> , 432, 134428                                                                        | O |
| 91  | A Review on Fruit and Vegetable Fermented Beverage-Benefits of Microbes and Beneficial Effects. 1-38                                                                                                                                        | 3 |
| 90  | Distribution characteristics of antibiotic resistance bacteria and related genes in urban recreational lakes replenished by different supplementary water source <b>2022</b> , 85, 1176-1190                                                | 0 |
| 89  | Contaminants of Emerging Concern in the Lower Volta River, Ghana, West Africa: The Agriculture, Aquaculture, and Urban Development Nexus <b>2021</b> ,                                                                                      | 3 |

| 88 | Novel 2D Nanomaterial Composites Photocatalysts: Application in Degradation of Water Contaminants. <b>2022</b> , 75-96                                              | 2 |
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| 87 | Metagenomic Analysis of Bacterial Communities and Antibiotic Resistance Genes in Penaeus monodon Biofloc-Based Aquaculture Environments. <b>2022</b> , 8,           | Ο |
| 86 | Multi-drug resistance, integron and transposon-mediated gene transfer in heterotrophic bacteria from Penaeus vannamei and its culture environment <b>2022</b> , 1   | 1 |
| 85 | Systematic review and meta-analysis of environmental species - antibiotic resistance 2022, 8, e08845                                                                | 4 |
| 84 | Peroxymonosulfate activation by sponge-based FeS material for efficient degradation of tetracycline: The critical role of sponge. <b>2022</b> , 46, 102605          | 1 |
| 83 | Does light-based tertiary treatment prevent the spread of antibiotic resistance genes? Performance, regrowth and future direction <b>2022</b> , 153001              | O |
| 82 | Nutrients, temperature, and oxygen mediate microbial antibiotic resistance in sea bass (Lateolabrax maculatus) ponds <b>2022</b> , 819, 153120                      | 1 |
| 81 | LC-MS/MS methodology development and validation for the screening and quantification of five antibiotics in water <b>2022</b> ,                                     | Ο |
| 80 | Impact of biochar on persistence and diffusion of antibiotic resistance genes in sediment from an aquaculture pond <b>2022</b> , 1                                  | Ο |
| 79 | Factors influencing the transfer and abundance of antibiotic resistance genes in livestock environments in China. 1                                                 | Ο |
| 78 | Prevalence and Diversity of Antibiotic Resistant From Anthropogenic-Impacted Larut River <b>2022</b> , 10, 794513                                                   | 0 |
| 77 | Multi-Media Occurrence of Antibiotics and Antibiotic Resistance Genes in East Dongting Lake. <b>2022</b> , 10,                                                      | O |
| 76 | Antibiotics and resistant genes in the gut of Chinese nine kinds of freshwater or marine fish 2022, 1-9                                                             | О |
| 75 | Removal of Sulfonamide Resistance Genes in Fishery Reclamation Mining Subsidence Area by Zeolite <b>2022</b> , 19,                                                  |   |
| 74 | Antimicrobial and immunoregulatory activities of the derived peptide of a natural killer lysin from black rockfish (Sebastes schlegelii) <b>2022</b> , 123, 369-380 | 0 |
| 73 | Antibiotic-resistant bacteria and antibiotic resistance genes in uranium mine: Distribution and influencing factors <b>2022</b> , 304, 119158                       | O |
| 72 | Spatial and temporal effects of fish feed on antibiotic resistance in coastal aquaculture farms <b>2022</b> , 113177                                                |   |
| 71 | Ciprofloxacin Causes the Greatest Bacterial Community Variation in Swine Manure Composting. <b>2021</b> , 9,                                                        | O |

| 70 | Insight into synergetic mechanism of CuyMn5-yOx/hG-activated peroxydisulfate enhances tetracycline antibiotics degradation and toxicity assessment. <b>2022</b> , 121066                                              | 1 |
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| 69 | Use of mesoporous BiOI microspheres for sonocatalytic degradation of tetracycline hydrochloride <b>2022</b> , 237, 113547                                                                                             | O |
| 68 | Tidal flat aquaculture pollution governs sedimentary antibiotic resistance gene profiles but not bacterial community based on metagenomic data <b>2022</b> , 155206                                                   | О |
| 67 | Insight in degradation of tetracycline in mariculture wastewater by ultraviolet/persulfate advanced oxidation process <b>2022</b> , 212, 113324                                                                       | O |
| 66 | Table_1.doc. <b>2018</b> ,                                                                                                                                                                                            |   |
| 65 | Table_2.docx. <b>2018</b> ,                                                                                                                                                                                           |   |
| 64 | Data_Sheet_1.docx. <b>2019</b> ,                                                                                                                                                                                      |   |
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| 57 | Data_Sheet_3.xlsx. <b>2020</b> ,                                                                                                                                                                                      |   |
| 56 | Data_Sheet_4.docx. <b>2020</b> ,                                                                                                                                                                                      |   |
| 55 | Metagenomic investigation of the seasonal distribution of bacterial community and antibiotic-resistant genes in Day River Downstream, Ninh Binh, Vietnam. <b>2022</b> , 65,                                           | 0 |
| 54 | Preparation, Characterization, and Adsorption Properties of Modified Carbon Nanotubes for Highly Effective Removal of Tetracycline from Aquaculture Wastewater.                                                       | О |
| 53 | Slipchip-based immunomagnetic separation combined with loop-mediated isothermal amplification for rapid detection of Bacillus cereus with tetracycline resistance gene tetL in pasteurized milk. <b>2022</b> , 109122 | 1 |

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| 51 | Deciphering environmental resistome and mobilome risks on the stone monument: A reservoir of antimicrobial resistance genes. <b>2022</b> , 156443                                                                   | O |
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| 50 | Enhancement of ZnO catalytic activity under visible light by co-doping with Ga and Ti for efficient decomposition of methylene blue.                                                                                | 0 |
| 49 | Preparation, properties, and photocatalytic mechanism of In2.77S4/BiVO4 heterostructure for tetracycline degradation. <b>2022</b> , 33, 14680-14690                                                                 | O |
| 48 | Characterization of antibiotic resistance genes in drinking water sources of the Douhe Reservoir, Tangshan, northern China: the correlation with bacterial communities and environmental factors. <b>2022</b> , 34, | 0 |
| 47 | Insight into the Removal of Tetracycline-resistant Bacteria and Resistance Genes from Mariculture Wastewater by Ultraviolet/Persulfate Advanced Oxidation Process. <b>2022</b> , 100129                             | o |
| 46 | Antibiotic resistance genes and their links with bacteria and environmental factors in three predominant freshwater aquaculture modes. <b>2022</b> , 241, 113832                                                    | 0 |
| 45 | Improved degradation of tetracycline antibiotic in electrochemical advanced oxidation processes (EAOPs): bioassay using bacteria and identification of intermediate compounds. <b>2022</b> ,                        |   |
| 44 | Simultaneous Determination of 21 Sulfonamides in Poultry Eggs Using Ionic Liquid-Modified Molecularly Imprinted Polymer SPE and UPLCMS/MS. <b>2022</b> , 27, 4953                                                   | 0 |
| 43 | Enhanced tetracycline removal using membrane-like air-cathode with high flux and anti-fouling performance in flow-through electro-filtration system. <b>2022</b> , 224, 119057                                      | O |
| 42 | The responses of marine anammox bacteria-based microbiome to multi-antibiotic stress in mariculture wastewater treatment. <b>2022</b> , 224, 119050                                                                 | 0 |
| 41 | Influence of anthropogenic disturbances on antibiotic resistance gene distributions along the Minjiang River in Southeast China. <b>2022</b> , 323, 116154                                                          | 0 |
| 40 | Hazardous toxic metal(loid)s in top- and deep-soils during the transformation of aquaculture ponds restored to farmland. <b>2022</b> , 852, 158569                                                                  | О |
| 39 | Effect of an amalgamated antibiotic and its connection to cyto-genotoxicity and histo-architectural malformations in stinging catfish. <b>2022</b> , 8, 381-390                                                     | O |
| 38 | Unraveling the influence of human fecal pollution on antibiotic resistance gene levels in different receiving water bodies using crAssphage indicator gene. <b>2023</b> , 442, 130005                               | О |
| 37 | Occurrence and driving mechanism of antibiotic resistance genes in marine recreational water around Qinhuangdao, China. 9,                                                                                          | O |
| 36 | The Current Status and Prevention of Antibiotic Pollution in Groundwater in China. <b>2022</b> , 19, 11256                                                                                                          | 2 |
| 35 | Dynamic distribution and potential transmission of antibiotic resistance genes in activated sludge. <b>2022</b> , 106, 6785-6797                                                                                    | o |

| 34 | Polysaccharides from tropical green seaweed Chaetomorpha antennina induces non-specific immune responses and improves antioxidative activities in common carp (Cyprinus carpio) leukocyte culture cell line. <b>2022</b> , 67, 102872 | O |
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| 33 | Enteric Pathogenic and Multiple Antibiotic-Resistant Escherichia coli in Farmed Indian Major Carps<br>and Their Environments in Peri-Urban Kolkata, India. 1-17                                                                       | O |
| 32 | Geographic patterns and determinants of antibiotic resistomes in coastal sediments across complex ecological gradients. 13,                                                                                                           | О |
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