

# Ting Xue

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

2,023  
citations

236925

25  
h-index

276875

41  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2290  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Green synthesis of kudzu vine biochar decorated graphene-like MoSe <sub>2</sub> with the oxidase-like activity as intelligent nanozyme sensing platform for hesperetin. <i>Chemosphere</i> , 2022, 289, 133116.  | 8.2 | 15        |
| 2  | Hippocampal NR6A1 impairs CREB-BDNF signaling and leads to the development of depression-like behaviors in mice. <i>Neuropharmacology</i> , 2022, 209, 108990.   | 4.1 | 10        |
| 3  | Lotus seedpods biochar decorated molybdenum disulfide for portable, flexible, outdoor and inexpensive sensing of hyperin. <i>Chemosphere</i> , 2022, 301, 134595.  | 8.2 | 44        |
| 4  | Alternative sigma factor B reduces biofilm formation and stress response in milk-derived <i>Staphylococcus aureus</i> . <i>LWT - Food Science and Technology</i> , 2022, 162, 113515.  | 5.2 | 6         |
| 5  | Transcriptome analysis revealed the role of capsular polysaccharides in desiccation tolerance of foodborne <i>Staphylococcus aureus</i> . <i>Food Research International</i> , 2022, 159, 111602.  | 6.2 | 4         |
| 6  | Facile and rapid one-step mass production of flexible 3D porous graphene nanozyme electrode via direct laser-writing for intelligent evaluation of fish freshness. <i>Microchemical Journal</i> , 2021, 162, 105855.   | 4.5 | 28        |
| 7  | A novel graphene-like titanium carbide MXene/Au@Ag nanoshuttles bifunctional nanosensor for electrochemical and SERS intelligent analysis of ultra-trace carbendazim coupled with machine learning. <i>Ceramics International</i> , 2021, 47, 173-184.   | 4.8 | 73        |
| 8  | Insights into Emergence of Antibiotic Resistance in Acid-Adapted Enterohaemorrhagic <i>Escherichia coli</i> . <i>Antibiotics</i> , 2021, 10, 522.  | 3.7 | 10        |
| 9  | A stable nanosilver decorated phosphorene nanozyme with phosphorus-doped porous carbon microsphere for intelligent sensing of 8-hydroxy-2'-deoxyguanosine. <i>Journal of Electroanalytical Chemistry</i> , 2021, 895, 115522.  | 3.8 | 8         |
| 10 | A novel nanozyme comprised of electro-synthesized molecularly imprinted conducting PEDOT nanocomposite with graphene-like MoS <sub>2</sub> for electrochemical sensing of luteolin. <i>Microchemical Journal</i> , 2021, 168, 106418.  | 4.5 | 19        |
| 11 | Soft template assisted hydrothermal synthesis of phosphorus doped porous carbon spheres with tunable microstructure as electrochemical nanozyme sensor for distinguishable detection of two flavonoids coupled with derivative voltammetry. <i>Journal of Electroanalytical Chemistry</i> , 2021, 897, 115563. | 3.8 | 10        |
| 12 | An emerging machine learning strategy for the assisted design of high-performance supercapacitor materials by mining the relationship between capacitance and structural features of porous carbon. <i>Journal of Electroanalytical Chemistry</i> , 2021, 899, 115684.   | 3.8 | 22        |
| 13 | Effect of biofilm on the survival of <i>Staphylococcus aureus</i> isolated from raw milk in high temperature and drying environment. <i>Food Research International</i> , 2021, 149, 110672.   | 6.2 | 15        |
| 14 | Ionic liquid-assisted ultrasonic exfoliation of phosphorene nanocomposite with single walled carbon nanohorn as nanozyme sensor for derivative voltammetric smart analysis of 5-hydroxytryptamine. <i>Microchemical Journal</i> , 2021, 170, 106697.   | 4.5 | 5         |
| 15 | LsrR, the effector of AI-2 quorum sensing, is vital for the H <sub>2</sub> O <sub>2</sub> stress response in mammary pathogenic <i>Escherichia coli</i> . <i>Veterinary Research</i> , 2021, 52, 127.  | 3.0 | 11        |
| 16 | Construction of an AI-2 quorum sensing induced heterologous protein expression system in <i>Escherichia coli</i> . <i>PeerJ</i> , 2021, 9, e12497.   | 2.0 | 3         |
| 17 | Anti-Biofilm Effect of Tea Saponin on a <i>Streptococcus agalactiae</i> Strain Isolated from Bovine Mastitis. <i>Animals</i> , 2020, 10, 1713.   | 2.3 | 5         |
| 18 | Electrochemical Nanozyme Sensor Based on MoS <sub>2</sub> -COOH-MWCNT Nanohybrid for a New Plant Growth Regulator 5-Nitroguaiacol. <i>Food Analytical Methods</i> , 2020, 13, 2028-2038.   | 2.6 | 6         |

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|----|--|------|-----------|
| 19 | Multiwalled Carbon Nanotube-N-Doped Graphene/Poly(3,4-ethylenedioxythiophene):Poly(styrenesulfonate) Nanohybrid for Electrochemical Application in Intelligent Sensors and Supercapacitors. ACS Omega, 2020, 5, 28452-28462.                             | 3.5  | 13        |
| 20 | Transcriptional Regulator YqeI, Locating at ETT2 Locus, Affects the Pathogenicity of Avian Pathogenic Escherichia coli. Animals, 2020, 10, 1658.   | 2.3  | 10        |
| 21 | The two-component system, BasSR, is involved in the regulation of biofilm and virulence in avian pathogenic Escherichia coli. Avian Pathology, 2020, 49, 532-546.  | 2.0  | 12        |
| 22 | Role of McbR in the regulation of antibiotic susceptibility in avian pathogenic Escherichia coli. Poultry Science, 2020, 99, 6390-6401.  | 3.4  | 5         |
| 23 | Regulatory Role of the Two-Component System BasSR in the Expression of the EmrD Multidrug Efflux in Escherichia coli. Microbial Drug Resistance, 2020, 26, 1163-1173.  | 2.0  | 13        |
| 24 | Role of LsrR in the regulation of antibiotic sensitivity in avian pathogenic Escherichia coli. Poultry Science, 2020, 99, 3675-3687.   | 3.4  | 15        |
| 25 | Hierarchically Porous Carbon Microsphere Doped with Phosphorus as a High Conductive Electrocatalyst for Oxidase-like Sensors and Supercapacitors. ACS Sustainable Chemistry and Engineering, 2020, 8, 9937-9946.   | 6.7  | 46        |
| 26 | The KdpD/KdpE two-component system contributes to the motility and virulence of avian pathogenic Escherichia coli. Research in Veterinary Science, 2020, 131, 24-30.   | 1.9  | 16        |
| 27 | Multifunctional Porous Nanohybrid Based on Graphene-Like Tungsten Disulfide on Poly(3,4-ethoxylenedioxythiophene) for Supercapacitor and Electrochemical Nanosensing of Quercetin. Journal of the Electrochemical Society, 2020, 167, 047512.            | 2.9  | 13        |
| 28 | MoS <sub>2</sub> /MWCNTs porous nanohybrid network with oxidase-like characteristic as electrochemical nanozyme sensor coupled with machine learning for intelligent analysis of carbendazim. Journal of Electroanalytical Chemistry, 2020, 862, 113940. | 3.8  | 54        |
| 29 | QseBC is involved in the biofilm formation and antibiotic resistance in <i>Escherichia coli</i> isolated from bovine mastitis. PeerJ, 2020, 8, e8833.  | 2.0  | 11        |
| 30 | Electrochemical detection combined with machine learning for intelligent sensing of maleic hydrazide by using carboxylated PEDOT modified with copper nanoparticles. Mikrochimica Acta, 2019, 186, 543.  | 5.0  | 47        |
| 31 | Outer membrane proteins YbjX and PagP co-regulate motility in Escherichia coli via the bacterial chemotaxis pathway. Research in Veterinary Science, 2019, 125, 279-284.   | 1.9  | 3         |
| 32 | In-situ reduction of Ag <sup>+</sup> on black phosphorene and its NH <sub>2</sub> -MWCNT nanohybrid with high stability and dispersibility as nanozyme sensor for three ATP metabolites. Biosensors and Bioelectronics, 2019, 145, 111716.               | 10.1 | 60        |
| 33 | McbR is involved in biofilm formation and H <sub>2</sub> O <sub>2</sub> stress response in avian pathogenic Escherichia coli X40. Poultry Science, 2019, 98, 4094-4103.  | 3.4  | 14        |
| 34 | Effects of stigmata maydis on the methicillin resistant <i>Staphylococcus aureus</i> biofilm formation. PeerJ, 2019, 7, e6461.   | 2.0  | 2         |
| 35 | The role of the <i>phoP</i> transcriptional regulator on biofilm formation of avian pathogenic <i>Escherichia coli</i> . Avian Pathology, 2019, 48, 362-370.   | 2.0  | 22        |
| 36 | Imidazole decreases the ampicillin resistance of an Escherichia coli strain isolated from a cow with mastitis by inhibiting the function of autoinducer 2. Journal of Dairy Science, 2018, 101, 3356-3362.   | 3.4  | 11        |

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|----|---|------|-----------|
| 37 | Autoinducer2 affects trimethoprim-sulfamethoxazole susceptibility in avian pathogenic <i>Escherichia coli</i> dependent on the folate synthesis-associated pathway. <i>MicrobiologyOpen</i> , 2018, 7, e00582.                                | 3.0  | 13        |
| 38 | The role of the outer membrane protein gene <i>ybjX</i> in the pathogenicity of avian pathogenic <i>Escherichia coli</i> . <i>Avian Pathology</i> , 2018, 47, 294-299.  | 2.0  | 11        |
| 39 | The cryo-thermal therapy-induced IL-6-rich acute pro-inflammatory response promoted DCs phenotypic maturation as the prerequisite to CD4+ T cell differentiation. <i>International Journal of Hyperthermia</i> , 2018, 34, 261-272.           | 2.5  | 12        |
| 40 | The anti-biofilm effect of silver-nanoparticle-decorated quercetin nanoparticles on a multi-drug resistant <i>Escherichia coli</i> strain isolated from a dairy cow with mastitis. <i>PeerJ</i> , 2018, 6, e5711.                             | 2.0  | 51        |
| 41 | <i>Serratia bozhouensis</i> sp. nov., Isolated from Sewage Samples of a Dairy Farm. <i>Current Microbiology</i> , 2017, 74, 827-831.  | 2.2  | 5         |
| 42 | AI-2 quorum sensing negatively regulates <i>rbf</i> expression and biofilm formation in <i>Staphylococcus aureus</i> . <i>International Journal of Medical Microbiology</i> , 2017, 307, 257-267.   | 3.6  | 80        |
| 43 | Interleukin-6 Induced Acute Phenotypic Microenvironment Promotes Th1 Anti-Tumor Immunity in Cryo-Thermal Therapy Revealed By Shotgun and Parallel Reaction Monitoring Proteomics. <i>Theranostics</i> , 2016, 6, 773-794.                     | 10.0 | 46        |
| 44 | The <i>irp2</i> and <i>fyuA</i> genes in High Pathogenicity Islands are involved in the pathogenesis of infections caused by avian pathogenic <i>Escherichia coli</i> (APEC). <i>Polish Journal of Veterinary Sciences</i> , 2016, 19, 21-29. | 0.2  | 23        |
| 45 | Short communication: The role of autoinducer 2 (AI-2) on antibiotic resistance regulation in an <i>Escherichia coli</i> strain isolated from a dairy cow with mastitis. <i>Journal of Dairy Science</i> , 2016, 99, 4693-4698.                | 3.4  | 33        |
| 46 | Modulation of virulence genes by the two-component system PhoP-PhoQ in avian pathogenic <i>Escherichia coli</i> . <i>Polish Journal of Veterinary Sciences</i> , 2016, 19, 31-40.   | 0.2  | 23        |
| 47 | Regulatory mechanism of the three-component system HptRSA in glucose-6-phosphate uptake in <i>Staphylococcus aureus</i> . <i>Medical Microbiology and Immunology</i> , 2016, 205, 241-253.  | 4.8  | 17        |
| 48 | Identification of RNAIII-binding proteins in <i>Staphylococcus aureus</i> using tethered RNAs and streptavidin aptamers based pull-down assay. <i>BMC Microbiology</i> , 2015, 15, 102.   | 3.3  | 8         |
| 49 | Autoinducer-2 increases biofilm formation via an <i>ica</i> - and <i>bhp</i> -dependent manner in <i>Staphylococcus epidermidis</i> RP62A. <i>Microbes and Infection</i> , 2015, 17, 345-352.   | 1.9  | 39        |
| 50 | The <i>Staphylococcus aureus</i> Protein-Coding Gene <i>gdpS</i> Modulates <i>sarS</i> Expression via mRNA-mRNA Interaction. <i>Infection and Immunity</i> , 2015, 83, 3302-3310.   | 2.2  | 12        |
| 51 | Ethanol extract of <i>Sanguisorba officinalis</i> L. inhibits biofilm formation of methicillin-resistant <i>Staphylococcus aureus</i> in an <i>ica</i> -dependent manner. <i>Journal of Dairy Science</i> , 2015, 98, 8486-8491.              | 3.4  | 41        |
| 52 | Pfs promotes autolysis-dependent release of eDNA and biofilm formation in <i>Staphylococcus aureus</i> . <i>Medical Microbiology and Immunology</i> , 2015, 204, 215-226.   | 4.8  | 24        |
| 53 | Construction of Recombinant <i>Pichia pastoris</i> Carrying a Constitutive AvBD9 Gene and Analysis of Its Activity. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 2082-2089.   | 2.1  | 4         |
| 54 | Structural Insights into SraP-Mediated <i>Staphylococcus aureus</i> Adhesion to Host Cells. <i>PLoS Pathogens</i> , 2014, 10, e1004169.   | 4.7  | 85        |

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|----|---|------|-----------|
| 55 | Staphylococcus aureus glucose-induced biofilm accessory proteins, GbaAB, influence biofilm formation in a PIA-dependent manner. International Journal of Medical Microbiology, 2014, 304, 603-612.                        | 3.6  | 68        |
| 56 | ArtR, a novel sRNA of Staphylococcus aureus, regulates $\hat{\pm}$ -toxin expression by targeting the 5â€² UTR of sarT mRNA. Medical Microbiology and Immunology, 2014, 203, 1-12.  | 4.8  | 40        |
| 57 | Short communication: Effects of lactose and milk on the expression of biofilm-associated genes in Staphylococcus aureus strains isolated from a dairy cow with mastitis. Journal of Dairy Science, 2014, 97, 6129-6134.   | 3.4  | 41        |
| 58 | Methylthioadenosine/S-adenosylhomocysteine nucleosidase (Pfs) of Staphylococcus aureus is essential for the virulence independent of LuxS/AI-2 system. International Journal of Medical Microbiology, 2013, 303, 190-200. | 3.6  | 27        |
| 59 | Modulation of cell wall synthesis and susceptibility to vancomycin by the two-component system AirSR in Staphylococcus aureus NCTC8325. BMC Microbiology, 2013, 13, 286.  | 3.3  | 21        |
| 60 | Proteomic Analysis of Two Metabolic Proteins with Potential to Translocate to Plasma Membrane Associated with Tumor Metastasis Development and Drug Targets. Journal of Proteome Research, 2013, 12, 1754-1763.           | 3.7  | 10        |
| 61 | LuxS/AI-2 system is involved in antibiotic susceptibility and autolysis in Staphylococcus aureus NCTC 8325. International Journal of Antimicrobial Agents, 2013, 41, 85-89.   | 2.5  | 54        |
| 62 | Staphylococcus aureus autoinducer-2 quorum sensing decreases biofilm formation in an icaR-dependent manner. BMC Microbiology, 2012, 12, 288.  | 3.3  | 119       |
| 63 | Rot and Agr system modulate fibrinogen-binding ability mainly by regulating clfB expression in Staphylococcus aureus NCTC8325. Medical Microbiology and Immunology, 2012, 201, 81-92.                                     | 4.8  | 22        |
| 64 | The Staphylococcus aureus KdpDE Two-Component System Couples Extracellular K <sup>+</sup> Sensing and Agr Signaling to Infection Programming. Infection and Immunity, 2011, 79, 2154-2167.                                | 2.2  | 82        |
| 65 | Nucleocytoplasmic Shuttling of Dysbindin-1, a Schizophrenia-related Protein, Regulates Synapsin I Expression. Journal of Biological Chemistry, 2010, 285, 38630-38640.  | 3.4  | 24        |
| 66 | Staphylococcus aureus AI-2 Quorum Sensing Associates with the KdpDE Two-Component System To Regulate Capsular Polysaccharide Synthesis and Virulence. Infection and Immunity, 2010, 78, 3506-3515.                        | 2.2  | 125       |
| 67 | Targeted Knockdown of EGR-1 Inhibits IL-8 Production and IL-8-mediated Invasion of Prostate Cancer Cells through Suppressing EGR-1/NF- $\hat{\kappa}$ B Synergy. Journal of Biological Chemistry, 2009, 284, 34600-34606. | 3.4  | 61        |
| 68 | The Staphylococcus aureus GGDEF Domain-Containing Protein, GdpS, Influences Protein A Gene Expression in a Cyclic Diguanylic Acid-Independent Manner. Infection and Immunity, 2009, 77, 2849-2856.                        | 2.2  | 27        |
| 69 | LsrR-binding site recognition and regulatory characteristics in Escherichia coli AI-2 quorum sensing. Cell Research, 2009, 19, 1258-1268.   | 12.0 | 87        |
| 70 | Methylobacterium salsuginis sp. nov., isolated from seawater. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1699-1703.   | 1.7  | 27        |