

Xiaoli Wang

List of Publications by Year in descending order

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papers

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516710

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#	ARTICLE	IF	CITATIONS
1	A FRET-based detection of N-acetylneuraminic acid using CdSe/ZnS quantum dot and exonuclease III-assisted recycling amplification strategy. <i>Food Chemistry</i> , 2022, 367, 130754.	8.2	12
2	Fluorescent biosensor based on FRET and catalytic hairpin assembly for sensitive detection of polysialic acid by using a new screened DNA aptamer. <i>Talanta</i> , 2022, 242, 123282.	5.5	11
3	Detection of prostate specific antigen in whole blood by microfluidic chip integrated with dielectrophoretic separation and electrochemical sensing. <i>Biosensors and Bioelectronics</i> , 2022, 204, 114057.	10.1	28
4	Detection of VEGF ₁₆₅ in Whole Blood by Differential Pulse Voltammetry Based on a Centrifugal Microfluidic Chip. <i>ACS Sensors</i> , 2022, 7, 1019-1026.	7.8	11
5	A love-mode surface acoustic wave aptasensor with dummy fingers based on monolayer MoS ₂ /Au NPs nanocomposites for alpha-fetoprotein detection. <i>Talanta</i> , 2022, 243, 123328.	5.5	12
6	A fluorescence and surface-enhanced Raman scattering dual-mode aptasensor for rapid and sensitive detection of ochratoxin A. <i>Biosensors and Bioelectronics</i> , 2022, 207, 114164.	10.1	36
7	A pH-Gated Functionalized Hollow Mesoporous Silica Delivery System for Photodynamic Sterilization in <i>Staphylococcus aureus</i> Biofilm. <i>Materials</i> , 2022, 15, 2815.	2.9	2
8	Fluorescent Aptasensor for Highly Specific Detection of ATP Using a Newly Screened Aptamer. <i>Sensors</i> , 2022, 22, 2425.	3.8	6
9	A lateral flow strip for on-site detection of tobramycin based on dual-functional platinum-decorated gold nanoparticles. <i>Analyst</i> , The, 2021, 146, 3608-3616.	3.5	19
10	<i>In vivo</i> dual fluorescence imaging of mucin 1 and its glycoform in tumor cells. <i>Nanoscale</i> , 2021, 13, 15067-15073.	5.6	7
11	Strategy for the construction of a core collection for <i>Pinus yunnanensis</i> Franch. to optimize timber based on combined phenotype and molecular marker data. <i>Genetic Resources and Crop Evolution</i> , 2021, 68, 3219-3240.	1.6	13
12	Effect of Manganese Valence on Specific Capacitance in Supercapacitors of Manganese Oxide Microspheres. <i>Chemistry - A European Journal</i> , 2021, 27, 9152-9159.	3.3	9
13	Identification of Susceptible Genes for Chronic Obstructive Pulmonary Disease with Lung Adenocarcinoma by Weighted Gene Co-Expression Network Analysis. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 3625-3634.	2.0	2
14	A portable and quantitative detection of microRNA-21 based on cascade enzymatic reactions with dual signal outputs. <i>Talanta</i> , 2021, 235, 122802.	5.5	6
15	An Improved Method for the Identification of Soybean Resistance to <i>Phytophthora sojae</i> Applied to Germplasm Resources from the Huanghuaihai and Dongbei Regions of China. <i>Plant Disease</i> , 2020, 104, 408-413.	1.4	5
16	Temperature Monitorable Kinetics Study of Human Blood Coagulation by Utilizing a Dual-Mode AlN-Based Acoustic Wave Resonator. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2020, 67, 131-135.	3.0	7
17	Overexpression of PtDefensin enhances resistance to Septotris populiperda in transgenic poplar. <i>Plant Science</i> , 2020, 292, 110379.	3.6	10
18	Characteristics and Functions of PePIF3, a Gene Related to Circadian Rhythm in <i>Nanlin 895</i> Poplar. <i>Plant Molecular Biology Reporter</i> , 2020, 38, 586-600.	1.8	3

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19	Single-Layered Graphene/Au-Nanoparticles-Based Love Wave Biosensor for Highly Sensitive and Specific Detection of <i>Staphylococcus aureus</i> Gene Sequences. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 12417-12425.	8.0	21
20	Overexpression of PtAnnexin1 from <i>Populus trichocarpa</i> enhances salt and drought tolerance in transgenic poplars. <i>Tree Genetics and Genomes</i> , 2020, 16, 1.	1.6	4
21	Sulfur-doped ZIF-derived Co ₃ O ₄ flower-like microstructures for high stability supercapacitors. <i>Journal of Alloys and Compounds</i> , 2020, 831, 154772.	5.5	26
22	Effects of GW1929 on uterus, ovary and bone metabolism function in perimenopause rats. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 1884-1893.	0.0	0
23	Functionalization of cotton fabric with bismuth oxyiodide nanosheets: applications for photodegrading organic pollutants, UV shielding and self-cleaning. <i>Cellulose</i> , 2019, 26, 2873-2884.	4.9	20
24	A rational design of manganese electrocatalysts for Lewis acid-assisted carbon dioxide reduction. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 8849-8855.	2.8	12
25	A promising graphitic N-dominated porous carbon catalyst derived from lotus leaves for oxygen reduction reaction. <i>Ionics</i> , 2018, 24, 3601-3609.	2.4	8
26	8e Protects against Acute Cerebral Ischemia by Inhibition of PI3K ^β -Mediated Superoxide Generation in Microglia. <i>Molecules</i> , 2018, 23, 2828.	3.8	11
27	Furfuryl alcohol functionalized graphene for sorption of radionuclides. <i>Arabian Journal of Chemistry</i> , 2017, 10, 837-844.	4.9	14
28	The impact of a novel peach gum-derived polysaccharide on postprandial blood glucose control in streptozotocin-induced diabetic mice. <i>International Journal of Biological Macromolecules</i> , 2017, 98, 379-386.	7.5	35
29	Data on water consumption in streptozotocin-induced diabetic mice by a novel peach gum-derived polysaccharide. <i>Data in Brief</i> , 2017, 12, 358-360.	1.0	0
30	Functional analyses of NDPK2 in <i>Populus trichocarpa</i> and overexpression of PtNDPK2 enhances growth and tolerance to abiotic stresses in transgenic poplar. <i>Plant Physiology and Biochemistry</i> , 2017, 117, 61-74.	5.8	17
31	The Atypical Guanylate Kinase MoGuk2 Plays Important Roles in Asexual/Sexual Development, Conidial Septation, and Pathogenicity in the Rice Blast Fungus. <i>Frontiers in Microbiology</i> , 2017, 8, 2467.	3.5	11
32	Non-coordinating Anion-Directed Reversal of Activation Site: Selective C-H Bond Activation of <i>N</i> -Aryl Rings. <i>Chemistry - A European Journal</i> , 2016, 22, 8663-8668.	3.3	35
33	Discovery of a ring-opened derivative of 3-n-butylphthalide bearing NO/H ₂ S-donating moieties as a potential anti-ischemic stroke agent. <i>European Journal of Medicinal Chemistry</i> , 2016, 115, 369-380.	5.5	29
34	MicroRNA-137 Inhibits EFN2 Expression Affected by a Genetic Variant and Is Expressed Aberrantly in Peripheral Blood of Schizophrenia Patients. <i>EBioMedicine</i> , 2016, 12, 133-142.	6.1	41
35	Silver-Mediated Phosphonylation of C(sp ²)-H Bonds with P-H Bonds: Direct C-H Functionalization of Ferrocenyl Anilides and Dialkyl Phosphites under Palladium- and Copper-Free Conditions. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 1253-1259.	2.7	11
36	Phosphorylated testis-specific serine/threonine kinase 4 may phosphorylate Crem at Ser-117. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 1088-1094.	1.3	1

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37	Glycoside Hydrolase MoGls2 Controls Asexual/Sexual Development, Cell Wall Integrity and Infectious Growth in the Rice Blast Fungus. PLoS ONE, 2016, 11, e0162243.	2.5	21
38	Carbohydrate-based vaccine adjuvants â€“ discovery and development. Expert Opinion on Drug Discovery, 2015, 10, 1133-1144.	5.0	16
39	Tssk4 is essential for maintaining the structural integrity of sperm flagellum. Molecular Human Reproduction, 2015, 21, 136-145.	2.8	49
40	Molecular structure, chemical synthesis, and antibacterial activity of ABP-dHC-cecropin A from drury (Hyphantria cunea). Peptides, 2015, 68, 197-204.	2.4	18
41	Threonine deaminase Mollv1 is important for conidiogenesis and pathogenesis in the rice blast fungus Magnaporthe oryzae. Fungal Genetics and Biology, 2014, 73, 53-60.	2.1	27
42	Design, synthesis and biological evaluation of hydrogen sulfide releasing derivatives of 3-n-butylphthalide as potential antiplatelet and antithrombotic agents. Organic and Biomolecular Chemistry, 2014, 12, 5995-6004.	2.8	26
43	Quantification of Interactions between Serum Albumin and Endogenous Free Fatty Acids or Exogenous Chemicals by Stable Isotope-Coded Mass Spectrometry. ACS Medicinal Chemistry Letters, 2011, 2, 587-591.	2.8	2
44	Stability and Drug Loading of Spontaneous Vesicles of Comb-Like PEG Derivates. Macromolecular Rapid Communications, 2007, 28, 660-665.	3.9	20
45	The spatial-scale impacts and the comparison of accumulation algorithms for drainage systems modeling in arid region based on DEM. , 0, , .		0