

# Xiaoli Wang

## List of Publications by Year in descending order

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45  
papers

674  
citations

516561

16  
h-index

642610

23  
g-index

45  
all docs

45  
docs citations

45  
times ranked

867  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tssk4 is essential for maintaining the structural integrity of sperm flagellum. <i>Molecular Human Reproduction</i> , 2015, 21, 136-145.	1.3	49
2	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.	2.7	41
3	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.	5.3	36
4	Non-coordinating Anion-Directed Reversal of Activation Site: Selective C-H Bond Activation of Aryl Rings. <i>Chemistry - A European Journal</i> , 2016, 22, 8663-8668.	1.7	35
5	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.	3.6	35
6	Discovery of a ring-opened derivative of 3-n-butylphthalide bearing NO/H <sub>2</sub> S-donating moieties as a potential anti-ischemic stroke agent. <i>European Journal of Medicinal Chemistry</i> , 2016, 115, 369-380.	2.6	29
7	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.	5.3	28
8	Threonine deaminase Mollv1 is important for conidiogenesis and pathogenesis in the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Fungal Genetics and Biology</i> , 2014, 73, 53-60.	0.9	27
9	Design, synthesis and biological evaluation of hydrogen sulfide releasing derivatives of 3-n-butylphthalide as potential antiplatelet and antithrombotic agents. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5995-6004.	1.5	26
10	Sulfur-doped ZIF-derived Co <sub>3</sub> O <sub>4</sub> flower-like microstructures for high stability supercapacitors. <i>Journal of Alloys and Compounds</i> , 2020, 831, 154772.	2.8	26
11	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 &amp; Interfaces</i> , 2020, 12, 12417-12425.	4.0	21
12	Glycoside Hydrolase MoGls2 Controls Asexual/Sexual Development, Cell Wall Integrity and Infectious Growth in the Rice Blast Fungus. <i>PLoS ONE</i> , 2016, 11, e0162243.	1.1	21
13	Stability and Drug Loading of Spontaneous Vesicles of Comb-Like PEG Derivates. <i>Macromolecular Rapid Communications</i> , 2007, 28, 660-665.	2.0	20
14	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.	2.4	20
15	A lateral flow strip for on-site detection of tobramycin based on dual-functional platinum-decorated gold nanoparticles. <i>Analyst</i> , 2021, 146, 3608-3616.	1.7	19
16	Molecular structure, chemical synthesis, and antibacterial activity of ABP-dHC-cecropin A from drury ( <i>Hyphantria cunea</i> ). <i>Peptides</i> , 2015, 68, 197-204.	1.2	18
17	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.	2.8	17
18	Carbohydrate-based vaccine adjuvants – discovery and development. <i>Expert Opinion on Drug Discovery</i> , 2015, 10, 1133-1144.	2.5	16

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19	Furfuryl alcohol functionalized graphene for sorption of radionuclides. <i>Arabian Journal of Chemistry</i> , 2017, 10, 837-844.	2.3	14
20	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.	0.8	13
21	A rational design of manganese electrocatalysts for Lewis acid-assisted carbon dioxide reduction. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 8849-8855.	1.3	12
22	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.	4.2	12
23	A love-mode surface acoustic wave aptasensor with dummy fingers based on monolayer MoS <sub>2</sub> /Au NPs nanocomposites for alpha-fetoprotein detection. <i>Talanta</i> , 2022, 243, 123328.	2.9	12
24	Silver-Mediated Phosphonylation of C(sp <sup>2</sup> )-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.	1.3	11
25	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.	1.5	11
26	8e Protects against Acute Cerebral Ischemia by Inhibition of PI3K <sup>β</sup> -Mediated Superoxide Generation in Microglia. <i>Molecules</i> , 2018, 23, 2828.	1.7	11
27	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.	2.9	11
28	Detection of VEGF <sub>165</sub> in Whole Blood by Differential Pulse Voltammetry Based on a Centrifugal Microfluidic Chip. <i>ACS Sensors</i> , 2022, 7, 1019-1026.	4.0	11
29	Overexpression of PtDefensin enhances resistance to Septotia populiperda in transgenic poplar. <i>Plant Science</i> , 2020, 292, 110379.	1.7	10
30	Effect of Manganese Valence on Specific Capacitance in Supercapacitors of Manganese Oxide Microspheres. <i>Chemistry - A European Journal</i> , 2021, 27, 9152-9159.	1.7	9
31	A promising graphitic N-dominated porous carbon catalyst derived from lotus leaves for oxygen reduction reaction. <i>Ionics</i> , 2018, 24, 3601-3609.	1.2	8
32	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.	1.7	7
33	<i>In vivo</i> dual fluorescence imaging of mucin 1 and its glycoform in tumor cells. <i>Nanoscale</i> , 2021, 13, 15067-15073.	2.8	7
34	A portable and quantitative detection of microRNA-21 based on cascade enzymatic reactions with dual signal outputs. <i>Talanta</i> , 2021, 235, 122802.	2.9	6
35	Fluorescent Aptasensor for Highly Specific Detection of ATP Using a Newly Screened Aptamer. <i>Sensors</i> , 2022, 22, 2425.	2.1	6
36	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.	0.7	5

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37	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.	0.6	4
38	Characteristics and Functions of PePIF3, a Gene Related to Circadian Rhythm in "Nanlin 895" Poplar. <i>Plant Molecular Biology Reporter</i> , 2020, 38, 586-600.	1.0	3
39	Quantification of Interactions between Serum Albumin and Endogenous Free Fatty Acids or Exogenous Chemicals by Stable Isotope-Coded Mass Spectrometry. <i>ACS Medicinal Chemistry Letters</i> , 2011, 2, 587-591.	1.3	2
40	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.	1.0	2
41	A pH-Gated Functionalized Hollow Mesoporous Silica Delivery System for Photodynamic Sterilization in <i>Staphylococcus aureus</i> Biofilm. <i>Materials</i> , 2022, 15, 2815.	1.3	2
42	Phosphorylated testis-specific serine/threonine kinase 4 may phosphorylate Crem at Ser-117. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 1088-1094.	0.6	1
43	The spatial-scale impacts and the comparison of accumulation algorithms for drainage systems modeling in arid region based on DEM. , 0, , .		0
44	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.	0.5	0
45	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