

Xi Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110 papers	2,399 citations	26 h-index	46 g-index
120 ext. papers	3,359 ext. citations	8.4 avg, IF	5.27 L-index

#	Paper	IF	Citations
110	Reaction sintering and mechanism of microwave dielectric ceramic with K ₂ NiF ₄ structure and perovskite structure. <i>Journal of Materials Science: Materials in Electronics</i> , 2022 , 33, 2213	2.1	
109	Clinical characteristics, antimicrobial resistance, and risk factors for mortality in paediatric invasive pneumococcal disease in Beijing, 2012-2017.. <i>BMC Infectious Diseases</i> , 2022 , 22, 338	4	0
108	The emerging roles of N6-methyladenosine (m6A)-modified long non-coding RNAs in human cancers.. <i>Cell Death Discovery</i> , 2022 , 8, 255	6.9	0
107	Targeting A β and p-Tau Clearance in Methamphetamine-Induced Alzheimer's Disease-Like Pathology: Roles of Syntaxin 17 in Autophagic Degradation in Primary Hippocampal Neurons. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 1-18	6.7	
106	Three paralogous clusters of the miR-17~92 family of microRNAs restrain IL-12-mediated immune defense. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 1751-1760	15.4	3
105	CPNE3 regulates the cell proliferation and apoptosis in human Glioblastoma via the activation of PI3K/AKT signaling pathway.. <i>Journal of Cancer</i> , 2021 , 12, 7277-7286	4.5	0
104	Strand Displacement Amplification Assisted CRISPR-Cas12a Strategy for Colorimetric Analysis of Viral Nucleic Acid. <i>Analytical Chemistry</i> , 2021 , 93, 15216-15223	7.8	6
103	Targeted exome sequencing for the identification of common mutational signatures and potential driver mutations for brain metastases and prognosis. <i>Oncology Letters</i> , 2021 , 21, 179	2.6	
102	Humoral immunogenicity and reactogenicity of CoronaVac or ZF2001 booster after two doses of inactivated vaccine. <i>Cell Research</i> , 2021 ,	24.7	19
101	Engineering Tetrahedral Co ²⁺ -Exposed Co ₃ O ₄ Nanosheets toward Highly Efficient Styrene Epoxidation. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 15106-15114	3.9	0
100	Single-Cell Sequencing Reveals the Novel Role of Ezh2 in NK Cell Maturation and Function. <i>Frontiers in Immunology</i> , 2021 , 12, 724276	8.4	0
99	Transcriptional landscape of cholangiocarcinoma revealed by weighted gene coexpression network analysis. <i>Briefings in Bioinformatics</i> , 2021 , 22,	13.4	14
98	A Novel Imaging Grading Biomarker for Predicting Hearing Loss in Acoustic Neuromas. <i>Clinical Neuroradiology</i> , 2021 , 31, 599-610	2.7	1
97	MicroRNA-935 Directly Targets FZD6 to Inhibit the Proliferation of Human Glioblastoma and Correlate to Glioma Malignancy and Prognosis. <i>Frontiers in Oncology</i> , 2021 , 11, 566492	5.3	4
96	DDAH2 suppresses RLR-MAVS-mediated innate antiviral immunity by stimulating nitric oxide-activated, Drp1-induced mitochondrial fission. <i>Science Signaling</i> , 2021 , 14,	8.8	3
95	Regioselective activation of benzocyclobutenones and dienamides lead to anti-Bredt bridged-ring systems by a [4+4] cycloaddition. <i>Nature Communications</i> , 2021 , 12, 3022	17.4	7
94	Cell-free DNA copy number variations predict efficacy of immune checkpoint inhibitor-based therapy in hepatobiliary cancers 2021 , 9,		7

93	Epigenetic Regulation of NK Cell-Mediated Antitumor Immunity. <i>Frontiers in Immunology</i> , 2021 , 12, 672328	3.8	4
92	Service acceptance of HIV non-occupational post-exposure prophylaxis(nPEP) among college students: a cross-sectional study in China. <i>BMC Public Health</i> , 2021 , 21, 1220	4.1	2
91	Characterization of the Blood and Cerebrospinal Fluid Microbiome in Children with Bacterial Meningitis and Its Potential Correlation with Inflammation. <i>MSystems</i> , 2021 , 6, e0004921	7.6	2
90	A Novel Ferroptosis-Related Gene Model for Overall Survival Predictions of Bladder Urothelial Carcinoma Patients. <i>Frontiers in Oncology</i> , 2021 , 11, 698856	5.3	3
89	Titanium dioxide nanoparticle affects motor behavior, neurodevelopment and axonal growth in zebrafish (<i>Danio rerio</i>) larvae. <i>Science of the Total Environment</i> , 2021 , 754, 142315	10.2	19
88	Precise fabrication of single-atom alloy co-catalyst with optimal charge state for enhanced photocatalysis. <i>National Science Review</i> , 2021 , 8, nwaa224	10.8	55
87	The lattice reconstruction of Cs-introduced FAPbBr enables improved stability for perovskite solar cells.. <i>RSC Advances</i> , 2021 , 11, 3997-4005	3.7	0
86	Modeling method of irregular cross section annular axis braided preform based on finite element simulation. <i>Journal of Engineered Fibers and Fabrics</i> , 2021 , 16, 155892502110372	0.9	1
85	Electrochemical C-N coupling with perovskite hybrids toward efficient urea synthesis. <i>Chemical Science</i> , 2021 , 12, 6048-6058	9.4	29
84	Neuropsychiatric Adverse Events During 12 Months of Treatment With Efavirenz in Treatment-Naïve HIV-Infected Patients in China: A Prospective Cohort Study. <i>Frontiers in Psychiatry</i> , 2021 , 12, 579448	5	2
83	Structural origin of the high-voltage instability of lithium cobalt oxide. <i>Nature Nanotechnology</i> , 2021 , 16, 599-605	28.7	42
82	Bioinspired Temperature-Sensitive Yarn with Highly Stretchable Capability for Healthcare Applications. <i>Advanced Materials Technologies</i> , 2021 , 6, 2001075	6.8	2
81	Phase structure and microwave dielectric properties of 0.85(0.74CaTiO ₃ 0.26SmAlO ₃)0.15Ca1.15Sm0.85Al0.85Ti0.15O ₄ composite ceramics prepared by reaction-sintering process. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 8863-8871	2.1	0
80	Ficolin A exacerbates severe H1N1 influenza virus infection-induced acute lung immunopathological injury via excessive complement activation. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 2278-2280	15.4	3
79	Exosomes derived from hypoxic bone marrow mesenchymal stem cells rescue OGD-induced injury in neural cells by suppressing NLRP3 inflammasome-mediated pyroptosis. <i>Experimental Cell Research</i> , 2021 , 405, 112635	4.2	3
78	Mystery of methamphetamine-induced autophagosome accumulation in hippocampal neurons: loss of syntaxin 17 in defects of dynein-dynactin driving and autophagosome-late endosome/lysosome fusion. <i>Archives of Toxicology</i> , 2021 , 95, 3263-3284	5.8	1
77	Histone methyltransferase Ezh2 negatively regulates NK cell terminal maturation and function. <i>Journal of Leukocyte Biology</i> , 2021 , 110, 1033-1045	6.5	0
76	Corrigendum to Processing Methods for Digital Image Data Based on the Geographic Information System <i>Complexity</i> , 2021 , 2021, 1-1	1.6	

75	Integrated Analysis of Prognostic Genes Associated With Ischemia-Reperfusion Injury in Renal Transplantation. <i>Frontiers in Immunology</i> , 2021 , 12, 747020	8.4	1
74	Consistency of pituitary adenomas: Amounts of collagen types I and III and the predictive value of T2WI MRI. <i>Experimental and Therapeutic Medicine</i> , 2021 , 22, 1255	2.1	0
73	Efficient Tetra-Functional Electrocatalyst with Synergetic Effect of Different Active Sites for Multi-Model Energy Conversion and Storage. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 23017-23027	8.5	8
72	Whether Addition of Phenethylammonium Ion is Always Beneficial to Stability Enhancement of MAPbI ₃ Perovskite Film?. <i>Advanced Materials Interfaces</i> , 2020 , 7, 2000197	4.6	2
71	A meta-analysis on the prevalence, associated factors and diagnostic methods of mental stress induced myocardial ischemia. <i>Journal of Translational Medicine</i> , 2020 , 18, 218	8.5	5
70	Development and Validation of a Prognostic Nomogram for Gastric Cancer Based on DNA Methylation-Driven Differentially Expressed Genes. <i>International Journal of Biological Sciences</i> , 2020 , 16, 1153-1165	11.2	22
69	Synthesis of Highly-Oriented Black CsPbI ₃ Microstructures for High-Performance Solar Cells. <i>Chemistry of Materials</i> , 2020 , 32, 3235-3244	9.6	14
68	Engineering CN Moieties in Branched Nitrogen-Doped Graphite Tubular Foam toward Stable Li ⁺ -Storage at Low Temperature. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 5858-5864	3.9	4
67	Engineering Platinum-Oxygen Dual Catalytic Sites via Charge Transfer towards Highly Efficient Hydrogen Evolution. <i>Angewandte Chemie</i> , 2020 , 132, 17865-17871	3.6	11
66	Engineering Platinum-Oxygen Dual Catalytic Sites via Charge Transfer towards Highly Efficient Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 17712-17718	16.4	28
65	Below 200 °C Fabrication Strategy of Black-Phase CsPbI ₃ Film for Ambient-Air-Stable Solar Cells. <i>Solar Rrl</i> , 2020 , 4, 2000014	7.1	22
64	ECsPbI Nanocrystals by Ultraviolet Light-Driven Oriented Attachment. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 913-919	6.4	9
63	The Enlargement of Abdominal Lymph Nodes Is a Characteristic of Autoimmune Liver Disease. <i>Mediators of Inflammation</i> , 2020 , 2020, 3631625	4.3	1
62	Efficient removal of 2,2',4,4'-tetrabromodiphenyl ether with a Z-scheme CuO-(rGO-TiO) photocatalyst under sunlight irradiation. <i>Chemosphere</i> , 2020 , 254, 126806	8.4	11
61	H2A.Z facilitates licensing and activation of early replication origins. <i>Nature</i> , 2020 , 577, 576-581	50.4	64
60	ECHS1 suppresses renal cell carcinoma development through inhibiting mTOR signaling activation. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 123, 109750	7.5	10
59	Targeted activation of Stat3 in combination with paclitaxel results in increased apoptosis in epithelial ovarian cancer cells and a reduced tumour burden. <i>Cell Proliferation</i> , 2020 , 53, e12719	7.9	9
58	Comprehensive analysis of the immunological landscape of pituitary adenomas: implications of immunotherapy for pituitary adenomas. <i>Journal of Neuro-Oncology</i> , 2020 , 149, 473-487	4.8	8

57	1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine Induced Parkinson's Disease in Mouse: Potential Association between Neurotransmitter Disturbance and Gut Microbiota Dysbiosis. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 3366-3376	5.7	7
56	Identification of a Glycolysis-Related LncRNA Signature to Predict Survival in Diffuse Glioma Patients. <i>Frontiers in Oncology</i> , 2020 , 10, 597877	5.3	6
55	Using Mechanical Stress to Investigate the Rashba Effect in Organic-Inorganic Hybrid Perovskites. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 5446-5450	6.4	5
54	Fabric Circuit Board Connecting to Flexible Sensors or Rigid Components for Wearable Applications. <i>Sensors</i> , 2019 , 19,	3.8	9
53	Removal characteristics of a composite active medium for remediation of nitrogen-contaminated groundwater and metagenomic analysis of degrading bacteria. <i>Environmental Pollution</i> , 2019 , 254, 113053	8.3	8
52	Real-Space Imaging of Orbital Selectivity on SrTiO(001) Surface. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 37279-37284	9.5	3
51	Highly Sensitive and Durable Structured Fibre Sensors for Low-Pressure Measurement in Smart Skin. <i>Sensors</i> , 2019 , 19,	3.8	5
50	Boosting the activity of catalytic oxidation of 5-hydroxymethylfurfural to 2,5-diformylfuran over nitrogen-doped manganese oxide catalysts. <i>Green Chemistry</i> , 2019 , 21, 4313-4318	10	27
49	Kilogram-Scale Fabrication of Si/C Bean-Structured Materials as Stable Anodes for Li-Ion Storage. <i>Energy Technology</i> , 2019 , 7, 1900037	3.5	2
48	Synergistic Regulation of Polysulfides Conversion and Deposition by MOF-Derived Hierarchically Ordered Carbonaceous Composite for High-Energy LithiumSulfur Batteries. <i>Advanced Functional Materials</i> , 2019 , 29, 1900875	15.6	65
47	Oriented Growth of Ultrathin Single Crystals of 2D Ruddlesden-Popper Hybrid Lead Iodide Perovskites for High-Performance Photodetectors. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 15905-15912	9.5	35
46	Development of a TaqMan Array card to target 21 purulent meningitis-related pathogens. <i>BMC Infectious Diseases</i> , 2019 , 19, 289	4	8
45	The Otubain YOD1 Suppresses Aggregation and Activation of the Signaling Adaptor MAVS through Lys63-Linked Deubiquitination. <i>Journal of Immunology</i> , 2019 , 202, 2957-2970	5.3	19
44	ITK inhibition induced in vitro and in vivo anti-tumor activity through downregulating TCR signaling pathway in malignant T cell lymphoma. <i>Cancer Cell International</i> , 2019 , 19, 32	6.4	15
43	Multiscale Buffering Engineering in Silicon-Carbon Anode for Ultrastable Li-Ion Storage. <i>ACS Nano</i> , 2019 , 13, 10179-10190	16.7	42
42	Clinical significance of enhancer of zeste homolog 2 and histone deacetylases 1 and 2 expression in peripheral T-cell lymphoma. <i>Oncology Letters</i> , 2019 , 18, 1415-1423	2.6	5
41	Fabrication and Characterization of Wrapped Metal Yarns-based Fabric Temperature Sensors. <i>Polymers</i> , 2019 , 11,	4.5	3
40	The diagnostic and prognostic role of RhoA in hepatocellular carcinoma. <i>Aging</i> , 2019 , 11, 5158-5172	5.6	8

39	Targeting EZH1/2 induces cell cycle arrest and inhibits cell proliferation through reactivation of p57 and TP53INP1 in mantle cell lymphoma. <i>Cancer Biology and Medicine</i> , 2019 , 16, 530-541	5.2	2
38	Predicting the likelihood of early recurrence based on mRNA sequencing of pituitary adenomas. <i>Gland Surgery</i> , 2019 , 8, 648-656	2.2	4
37	Clarifying the controversial catalytic active sites of Co3O4 for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 23191-23198	13	49
36	In vivo molecular imaging for immunotherapy using ultra-bright near-infrared-IIb rare-earth nanoparticles. <i>Nature Biotechnology</i> , 2019 , 37, 1322-1331	44.5	198
35	Enhancing Capacitance of Nickel Cobalt Chalcogenide via Interface Structural Design. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 2082-2092	9.5	15
34	Spider-Web-Inspired Nanocomposite-Modified Separator: Structural and Chemical Cooperativity Inhibiting the Shuttle Effect in Li-S Batteries. <i>ACS Nano</i> , 2019 , 13, 1563-1573	16.7	53
33	Enhanced Li-Ion-Storage Performance of MoS2 through Multistage Structural Design. <i>ChemElectroChem</i> , 2019 , 6, 1475-1484	4.3	9
32	Nanoscale zero-valent iron assisted phytoremediation of Pb in sediment: Impacts on metal accumulation and antioxidative system of Lolium perenne. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 153, 229-237	7	81
31	ZnS quantum dots@multilayered carbon: geological-plate-movement-inspired design for high-energy Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 8358-8365	13	29
30	Cadmium immobilization in river sediment using stabilized nanoscale zero-valent iron with enhanced transport by polysaccharide coating. <i>Journal of Environmental Management</i> , 2018 , 210, 191-200	7.9	57
29	SNF5 deficiency induces apoptosis resistance by repressing SATB1 expression in SLLary syndrome. <i>Leukemia and Lymphoma</i> , 2018 , 59, 2405-2413	1.9	5
28	FBXL10 contributes to the development of diffuse large B-cell lymphoma by epigenetically enhancing ERK1/2 signaling pathway. <i>Cell Death and Disease</i> , 2018 , 9, 46	9.8	12
27	Curving effects of concave dodecahedral nanocarbons enable enhanced Li-ion storage. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 14894-14902	13	19
26	Clinical Features and Prognostic Risk Factors of Choroid Plexus Tumors in Children. <i>Chinese Medical Journal</i> , 2018 , 131, 2938-2946	2.9	13
25	Improved cycling stability of NiS2 cathodes through designing a Niwano hollow structure. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 11978-11984	13	23
24	Synergistic antitumor effect of histone deacetylase inhibitor and Doxorubicin in peripheral T-cell lymphoma. <i>Leukemia Research</i> , 2017 , 56, 29-35	2.7	21
23	Improved Li Storage through Homogeneous N-Doping within Highly Branched Tubular Graphitic Foam. <i>Advanced Materials</i> , 2017 , 29, 1603692	24	86
22	In Situ Electrochemistry of Rechargeable Battery Materials: Status Report and Perspectives. <i>Advanced Materials</i> , 2017 , 29, 1606922	24	65

21	Protrusions[br Boles]n graphene: which is the better choice for sodium ion storage?. <i>Energy and Environmental Science</i> , 2017 , 10, 979-986	35.4	140
20	Claudin-5 regulates blood-brain barrier permeability by modifying brain microvascular endothelial cell proliferation, migration, and adhesion to prevent lung cancer metastasis. <i>CNS Neuroscience and Therapeutics</i> , 2017 , 23, 947-960	6.8	46
19	Insulin-like growth factor 2 axis supports the serum-independent growth of malignant rhabdoid tumor and is activated by microenvironment stress. <i>Oncotarget</i> , 2017 , 8, 47269-47283	3.3	4
18	Covalent Triazine Frameworks via a Low-Temperature Polycondensation Approach. <i>Angewandte Chemie</i> , 2017 , 129, 14337-14341	3.6	63
17	Covalent Triazine Frameworks via a Low-Temperature Polycondensation Approach. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14149-14153	16.4	286
16	Optimal stress and deformation partition in gradient materials for better strength and tensile ductility: A numerical investigation. <i>Scientific Reports</i> , 2017 , 7, 10954	4.9	20
15	Sorptive removal of ionizable antibiotic sulfamethazine from aqueous solution by graphene oxide-coated biochar nanocomposites: Influencing factors and mechanism. <i>Chemosphere</i> , 2017 , 186, 414-421	8.4	109
14	Rare Variant in a Family With Double-Chambered Left Ventricle. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		1
13	Chromatin state dynamics during NK cell activation. <i>Oncotarget</i> , 2017 , 8, 41854-41865	3.3	11
12	AMPK Inhibition Enhances the Neurotoxicity of Cu(II) in SH-SY5Y Cells. <i>Neurotoxicity Research</i> , 2016 , 30, 499-509	4.3	6
11	Co-expression of PD-L1 and p-AKT is associated with poor prognosis in diffuse large B-cell lymphoma via PD-1/PD-L1 axis activating intracellular AKT/mTOR pathway in tumor cells. <i>Oncotarget</i> , 2016 , 7, 33350-62	3.3	45
10	Clinical and pathogenic analysis of 507 children with bacterial meningitis in Beijing, 2010-2014. <i>International Journal of Infectious Diseases</i> , 2016 , 50, 38-43	10.5	14
9	Tumor suppressor ASXL1 is essential for the activation of INK4B expression in response to oncogene activity and anti-proliferative signals. <i>Cell Research</i> , 2015 , 25, 1205-18	24.7	28
8	Ezh2 regulates differentiation and function of natural killer cells through histone methyltransferase activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 15988-93	11.5	87
7	NK cell-based cancer immunotherapy: from basic biology to clinical application. <i>Science China Life Sciences</i> , 2015 , 58, 1233-45	8.5	34
6	A Novel Modeling of Millimeter-Wave Al _{0.27} Ga _{0.73} N/AlN/GaN Hemt Based on Artificial Neural Network. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 2124-2127	1.2	3
5	Observations on potential novel transcripts from RNA-Seq data. <i>Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities</i> , 2011 , 6, 275-282		1
4	Antibacterial properties of PLA nonwoven medical dressings coated with nanostructured silver. <i>Fibers and Polymers</i> , 2008 , 9, 556-560	2	21

3	Thin-Layer Flow-Through Enzyme Immunosensor Based on Polycaprolactam Net. <i>ACS Symposium Series</i> , 1994 , 96-107	0.4	1
2	Sintering characteristic, structure, microwave dielectric properties, and compatibility with Ag of novel 3MgO-B ₂ O ₃ -xwt% BaCu(B ₂ O ₅)-ywt% H ₃ BO ₃ ceramics. <i>Journal of Asian Ceramic Societies</i> , 1-10	2.4	0
1	Review of curing deformation control methods for carbon fiber reinforced resin composites. <i>Polymer Composites</i> ,	3	3