

# Yingying Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

116  
papers

3,977  
citations

159585

30  
h-index

144013

57  
g-index

128  
all docs

128  
docs citations

128  
times ranked

6315  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bayesian MEG time courses with fMRI priors. <i>Brain Imaging and Behavior</i> , 2022, 16, 781-791.	2.1	2
2	Dynamic causal modeling of sensorimotor networks elicited by saltatory pneumotactile velocity in the glabrous hand. <i>Journal of Neuroimaging</i> , 2022, 32, 752-764.	2.0	0
3	Dynamic causal modeling of neural responses to an orofacial pneumotactile velocity array. <i>NeuroImage Reports</i> , 2022, 2, 100081.	1.0	0
4	Multifactorial pathways facilitate resilience among kindergarteners at risk for dyslexia: A longitudinal behavioral and neuroimaging study. <i>Developmental Science</i> , 2021, 24, e12983.	2.4	28
5	Brain lateralization in children with upper-limb reduction deficiency. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021, 18, 24.	4.6	8
6	Neural substrates of the executive function construct, age-related changes, and task materials in adolescents and adults: ALE meta-analyses of 408 fMRI studies. <i>Developmental Science</i> , 2021, 24, e13111.	2.4	18
7	Meta-Analytic Findings on Reading in Children With Cochlear Implants. <i>Journal of Deaf Studies and Deaf Education</i> , 2021, 26, 336-350.	1.2	13
8	Changes in Sensorimotor Cortical Activation in Children Using Prostheses and Prosthetic Simulators. <i>Brain Sciences</i> , 2021, 11, 991.	2.3	2
9	Functional Connectivity Evoked by Orofacial Tactile Perception of Velocity. <i>Frontiers in Neuroscience</i> , 2020, 14, 182.	2.8	5
10	Neural Bases of Phonological and Semantic Processing in Early Childhood. <i>Brain Connectivity</i> , 2020, 10, 212-223.	1.7	12
11	Gene Modules Co-regulated with Biosynthetic Gene Clusters for Allelopathy between Rice and Barnyardgrass. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3846.	4.1	9
12	Central But Not General Obesity Is Positively Associated with the Risk of Hyperhomocysteinemia in Middle-Aged Women. <i>Nutrients</i> , 2019, 11, 1614.	4.1	19
13	Long noncoding RNA CCDC144NL-AS1 knockdown induces naïve-like state conversion of human pluripotent stem cells. <i>Stem Cell Research and Therapy</i> , 2019, 10, 220.	5.5	9
14	Acyl Selenyl Sulfides as the Precursors for Reactive Sulfur Species (Hydrogen Sulfide, Polysulfide,)	4.6	13
15	Predicting domain-specific actions in expert table tennis players activates the semantic brain network. <i>NeuroImage</i> , 2019, 200, 482-489.	4.2	21
16	One-step synthesis of magnetic-TiO <sub>2</sub> -nanocomposites with high iron oxide-composing ratio for photocatalysis of rhodamine 6G. <i>PLoS ONE</i> , 2019, 14, e0221221.	2.5	4
17	Comparison of long-term outcomes of young patients after a coronary event associated with familial hypercholesterolemia. <i>Lipids in Health and Disease</i> , 2019, 18, 131.	3.0	15
18	Data-Driven Identification of Hydrogen Sulfide Scavengers. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10898-10902.	13.8	43

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19	Biomimetic cartilage scaffold with orientated porous structure of two factors for cartilage repair of knee osteoarthritis. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 1710-1721.	2.8	34
20	The relationship between biological and psychosocial risk factors and resting-state functional connectivity in 2-month-old Bangladeshi infants: A feasibility and pilot study. <i>Developmental Science</i> , 2019, 22, e12841.	2.4	30
21	Graphene Oxide and Lysozyme Ultrathin Films with Strong Antibacterial and Enhanced Osteogenesis. <i>Langmuir</i> , 2019, 35, 6752-6761.	3.5	23
22	Multioctave supercontinua from shock-coupled soliton self-compression. <i>Physical Review A</i> , 2019, 99, .	2.5	9
23	Metabolomics profiling in a mouse model reveals protective effect of Sancao granule on Con A-Induced liver injury. <i>Journal of Ethnopharmacology</i> , 2019, 238, 111838.	4.1	7
24	Comparison of Activity, Expression, and S-Nitrosylation of Calcium Transfer Proteins between Pale, Soft, and Exudative and Red, Firm, and Non-exudative Pork during Post-Mortem Aging. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3242-3248.	5.2	19
25	The performance of a community-based colorectal cancer screening program: Evidence from Shanghai Pudong New Area, China. <i>Preventive Medicine</i> , 2019, 118, 243-250.	3.4	23
26	$\Delta$ noise-shaping in 3-D space-time for 2-D wideband antenna array receivers. <i>Multidimensional Systems and Signal Processing</i> , 2019, 30, 1609-1631.	2.6	0
27	Strategies for the Design of Donors and Precursors of Reactive Sulfur Species. <i>Chemistry - A European Journal</i> , 2019, 25, 4005-4016.	3.3	37
28	A switched-capacitor-based low-power receiver for electrocardiogram and respiration rate detection. <i>Analog Integrated Circuits and Signal Processing</i> , 2019, 99, 437-446.	1.4	1
29	Gas-Sensing Mechanism of Silica with Photonic Bandgap Shift. <i>Analytical Chemistry</i> , 2019, 91, 1133-1139.	6.5	18
30	Oral delivery of <i>Bacillus subtilis</i> spores expressing grass carp reovirus VP4 protein produces protection against grass carp reovirus infection. <i>Fish and Shellfish Immunology</i> , 2019, 84, 768-780.	3.6	39
31	The relationship between socioeconomic status and white matter microstructure in pre-reading children: A longitudinal investigation. <i>Human Brain Mapping</i> , 2019, 40, 741-754.	3.6	54
32	Brillouin-based dual-frequency microwave signals generation using polarization-multiplexing modulation. <i>Optics Express</i> , 2019, 27, 24847.	3.4	6
33	Photothermal CO detection in a hollow-core negative curvature fiber. <i>Optics Letters</i> , 2019, 44, 4048.	3.3	52
34	Corrosion resistance mechanism of palladium film-plated stainless steel in boiling H <sub>2</sub> SO <sub>4</sub> solution. <i>Corrosion Science</i> , 2018, 135, 222-232.	6.6	14
35	Effect of atomic mobility on the electrochemical properties of a Zr <sub>58</sub> Nb <sub>3</sub> Cu <sub>16</sub> Ni <sub>13</sub> Al <sub>10</sub> bulk metallic glass. <i>Electrochimica Acta</i> , 2018, 267, 222-233.	5.2	35
36	Amorphous NiP as cocatalyst for photocatalytic water splitting. <i>Ceramics International</i> , 2018, 44, 5459-5465.	4.8	53

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37	Development of indirect immunofluorescence assay for TCID <sub>50</sub> measurement of grass carp reovirus genotype II without cytopathic effect onto cells. <i>Microbial Pathogenesis</i> , 2018, 114, 68-74.	2.9	20
38	Synthesis of Unsymmetric Trisulfides from 9-Fluorenylmethyl Disulfides. <i>Organic Letters</i> , 2018, 20, 465-468.	4.6	14
39	Acid-labile poly(ethylene glycol) shell of hydrazone-containing biodegradable polymeric micelles facilitating anticancer drug delivery. <i>Journal of Bioactive and Compatible Polymers</i> , 2018, 33, 119-133.	2.1	15
40	Indoor Occupancy Awareness and Localization Using Passive Electric Field Sensing. , 2018, , .		2
41	An intelligent wearable device for human's cervical vertebra posture monitoring. , 2018, 2018, 3280-3283.		8
42	Experimental and Theoretical Study on the Synergistic Inhibition Effect of Pyridine Derivatives and Sulfur-Containing Compounds on the Corrosion of Carbon Steel in CO <sub>2</sub> -Saturated 3.5 wt.% NaCl Solution. <i>Molecules</i> , 2018, 23, 3270.	3.8	22
43	Porosity Characterization of Cold Sprayed Stainless Steel Coating Using Three-Dimensional X-ray Microtomography. <i>Coatings</i> , 2018, 8, 326.	2.6	17
44	Ultrasml Ru Nanoclusters on Nitrogen-Enriched Hierarchically Porous Carbon Support as Remarkably Active Catalysts for Hydrolysis of Ammonia Borane. <i>ChemCatChem</i> , 2018, 10, 4910-4916.	3.7	30
45	Phosphatidylinositol 3-kinase $\beta$ and $\delta$ isoforms play key roles in metastasis of prostate cancer DU145 cells. <i>FASEB Journal</i> , 2018, 32, 5967-5975.	0.5	23
46	Wideband $\beta$ -Beam Arrays Using Low-Complexity Algorithms and Mixed-Signal Integrated Circuits. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2018, 12, 368-382.	10.8	38
47	Identification and development of a polyclonal antibody against proteins encoded by the <i>ORF136</i> gene in Cyprinid herpesvirus 3. <i>Journal of Fishery Sciences of China</i> , 2018, 25, 204.	0.2	0
48	Development of Tract-Specific White Matter Pathways During Early Reading Development in At-Risk Children and Typical Controls. <i>Cerebral Cortex</i> , 2017, 27, bhw095.	2.9	96
49	SRT contributes significantly to sludge reduction in the OSA-based activated sludge process. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 305-315.	2.2	11
50	Effects of ceramic particle size on microstructure and the corrosion behavior of cold sprayed SiCp/Al 5056 composite coatings. <i>Surface and Coatings Technology</i> , 2017, 315, 314-325.	4.8	48
51	Biodegradation of benzo(a)pyrene by <i>Microbacterium</i> sp. strain under denitrification: Degradation pathway and effects of limiting electron acceptors or carbon source. <i>Biochemical Engineering Journal</i> , 2017, 121, 131-138.	3.6	84
52	Investigation of latent infections caused by cyprinid herpesvirus 3 in koi ( <i>Cyprinus carpio</i> ) in southern China. <i>Journal of Veterinary Diagnostic Investigation</i> , 2017, 29, 366-369.	1.1	7
53	28 Si total body irradiation injures bone marrow hematopoietic stem cells via induction of cellular apoptosis. <i>Life Sciences in Space Research</i> , 2017, 13, 39-44.	2.3	8
54	Detection of koi herpesvirus (KHV) using a monoclonal antibody against <i>Cyprinus carpio</i> IgM. <i>Archives of Virology</i> , 2017, 162, 2381-2385.	2.1	2

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55	Curative or pre-emptive adenovirus-specific T cell transfer from matched unrelated or third party haploidentical donors after HSCT, including UCB transplantations: a successful phase I/II multicenter clinical trial. <i>Journal of Hematology and Oncology</i> , 2017, 10, 102.	17.0	39
56	Molecular detection of genotype II grass carp reovirus based on nucleic acid sequence-based amplification combined with enzyme-linked immunosorbent assay (NASBA-ELISA). <i>Journal of Virological Methods</i> , 2017, 243, 92-97.	2.1	14
57	Combined ion exchange and adsorption equilibria of 5â€²-ribonucleotides on the strong acid cation exchange resin NH-1. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 1678-1689.	3.2	5
58	Brain encoding of saltatory velocity through a pulsed pneumotactile array in the lower face. <i>Brain Research</i> , 2017, 1677, 58-73.	2.2	11
59	<i>Echinochloa crus-galli</i> genome analysis provides insight into its adaptation and invasiveness as a weed. <i>Nature Communications</i> , 2017, 8, 1031.	12.8	138
60	Hyaluronic-Acid-Based pH-Sensitive Nanogels for Tumor-Targeted Drug Delivery. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 2410-2419.	5.2	61
61	Comparative proteomic analysis and characterization of benzo(a)pyrene removal by <i>Microbacterium</i> sp. strain M.CSW3 under denitrifying conditions. <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 1825-1838.	3.4	18
62	Co-delivery of hydrophilic gemcitabine and hydrophobic paclitaxel into novel polymeric micelles for cancer treatment. <i>RSC Advances</i> , 2017, 7, 24030-24039.	3.6	15
63	The interaction between state and dispositional emotions in decision making: An ERP study. <i>Biological Psychology</i> , 2017, 123, 126-135.	2.2	15
64	Efficient Dispersive Waves Generation From Argon-Filled Anti-Resonant Nodeless Fiber. , 2017, , .		1
65	Neural encoding of saltatory pneumotactile velocity in human glabrous hand. <i>PLoS ONE</i> , 2017, 12, e0183532.	2.5	12
66	Adenovirus-specific T-cell Subsets in Human Peripheral Blood and After IFN-Î³ Immunomagnetic Selection. <i>Journal of Immunotherapy</i> , 2016, 39, 27-35.	2.4	6
67	Walk the talk: coordinating gesture with locomotion for conversational characters. <i>Computer Animation and Virtual Worlds</i> , 2016, 27, 369-377.	1.2	3
68	Comparative Study on Physicalâ€”Chemical and Biological Characteristics of Grass Carp Reovirus From Different Genotypes. <i>Journal of the World Aquaculture Society</i> , 2016, 47, 862-872.	2.4	20
69	Automated design and optimization of integrated inductors and transformers. , 2016, , .		3
70	Immunogenicity of a cell culture-derived inactivated vaccine against a common virulent isolate of grass carp reovirus. <i>Fish and Shellfish Immunology</i> , 2016, 54, 473-480.	3.6	46
71	DNA Polymerase-Directed Hairpin Assembly for Targeted Drug Delivery and Amplified Biosensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 26532-26540.	8.0	31
72	Examining the relationship between home literacy environment and neural correlates of phonological processing in beginning readers with and without a familial risk for dyslexia: an fMRI study. <i>Annals of Dyslexia</i> , 2016, 66, 337-360.	1.7	51

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73	Effect of desertification on productivity in a desert steppe. <i>Scientific Reports</i> , 2016, 6, 27839.	3.3	35
74	Lessons to be learned: how a comprehensive neurobiological framework of atypical reading development can inform educational practice. <i>Current Opinion in Behavioral Sciences</i> , 2016, 10, 45-58.	3.9	42
75	Effects of learning experience on forgetting rates of item and associative memories. <i>Learning and Memory</i> , 2016, 23, 365-378.	1.3	28
76	Room temperature H <sub>2</sub> S gas sensing properties of In <sub>2</sub> O <sub>3</sub> micro/nanostructured porous thin film and hydrolyzation-induced enhanced sensing mechanism. <i>Sensors and Actuators B: Chemical</i> , 2016, 228, 74-84.	7.8	90
77	Clearance of senescent cells by ABT263 rejuvenates aged hematopoietic stem cells in mice. <i>Nature Medicine</i> , 2016, 22, 78-83.	30.7	1,273
78	Deep Sequencing-Based Transcriptome Analysis Reveals the Regulatory Mechanism of Bemisia tabaci (Hemiptera: Aleyrodidae) Nymph Parasitized by Encarsia sophia (Hymenoptera: Aphelinidae). <i>PLoS ONE</i> , 2016, 11, e0157684.	2.5	1
79	Investigating the Influences of Language Delay and/or Familial Risk for Dyslexia on Brain Structure in 5-Year-Olds. <i>Cerebral Cortex</i> , 2015, 27, bhv267.	2.9	19
80	Spatially distributed sequential array stimulation of tibial anterior muscle for foot drop correction. <i>PLoS ONE</i> , 2015, 10, e0157684.		0
81	Physical Feature Encoding and Word Recognition Abilities Are Altered in Children with Intractable Epilepsy: Preliminary Neuromagnetic Evidence. <i>Behavioural Neurology</i> , 2015, 2015, 1-10.	2.1	1
82	Frequency-spatial beamformer for MEG source localization. <i>Biomedical Signal Processing and Control</i> , 2015, 18, 263-273.	5.7	4
83	White matter differences between multiple system atrophy (parkinsonian type) and Parkinson's disease: A diffusion tensor image study. <i>Neuroscience</i> , 2015, 305, 109-116.	2.3	30
84	Cue-independent forgetting by intentional suppression – Evidence for inhibition as the mechanism of intentional forgetting. <i>Cognition</i> , 2015, 143, 31-35.	2.2	25
85	In situ synthesis of porous array films on a filament induced micro-gap electrode pair and their use as resistance-type gas sensors with enhanced performances. <i>Nanoscale</i> , 2015, 7, 14264-14271.	5.6	24
86	Increased resting-state functional connectivity of visual- and cognitive-control brain networks after training in children with reading difficulties. <i>NeuroImage: Clinical</i> , 2015, 8, 619-630.	2.7	56
87	Comparison of Functional Network Connectivity for Passive-Listening and Active-Response Narrative Comprehension in Adolescents. <i>Brain Connectivity</i> , 2014, 4, 273-285.	1.7	12
88	Reading acceleration training changes brain circuitry in children with reading difficulties. <i>Brain and Behavior</i> , 2014, 4, 886-902.	2.2	47
89	Involvement of the right hemisphere in reading comprehension: A DTI study. <i>Brain Research</i> , 2014, 1582, 34-44.	2.2	49
90	Temporal plus epilepsies: Electrophysiology studied with interictal magnetoencephalography and intracranial video-EEG monitoring. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2013, 22, 164-167.	2.0	5

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91	Spatiotemporal and frequency signatures of word recognition in the developing brain: A magnetoencephalographic study. <i>Brain Research</i> , 2013, 1498, 20-32.	2.2	16
92	Magnetoencephalography reveals altered auditory information processing in youth with obsessive-compulsive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2013, 212, 132-140.	1.8	14
93	Sex differences in white matter development during adolescence: A DTI study. <i>Brain Research</i> , 2012, 1478, 1-15.	2.2	93
94	Aberrant high-gamma oscillations in the somatosensory cortex of children with cerebral palsy: A meg study. <i>Brain and Development</i> , 2012, 34, 576-583.	1.1	19
95	Concordance of MEG and fMRI patterns in adolescents during verb generation. <i>Brain Research</i> , 2012, 1447, 79-90.	2.2	18
96	Aberrant Neuromagnetic Activation in the Motor Cortex in Children with Acute Migraine: A Magnetoencephalography Study. <i>PLoS ONE</i> , 2012, 7, e50095.	2.5	13
97	Neuromagnetic measures of word processing in bilinguals and monolinguals. <i>Clinical Neurophysiology</i> , 2011, 122, 1706-1717.	1.5	23
98	Interictal magnetoencephalographic findings related with surgical outcomes in lesional and nonlesional neocortical epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2011, 20, 692-700.	2.0	32
99	High Gamma Oscillations of Sensorimotor Cortex During Unilateral Movement in the Developing Brain: a MEG Study. <i>Brain Topography</i> , 2011, 23, 375-384.	1.8	37
100	Impaired Auditory Information Processing During Acute Migraine: A Magnetoencephalography Study. <i>International Journal of Neuroscience</i> , 2011, 121, 355-365.	1.6	20
101	Gamma oscillations in the primary motor cortex studied with MEG. <i>Brain and Development</i> , 2010, 32, 619-624.	1.1	31
102	Neuromagnetic evidence of impaired cortical auditory processing in pediatric intractable epilepsy. <i>Epilepsy Research</i> , 2010, 92, 63-73.	1.6	20
103	Identification of Abnormal Neuromagnetic Signatures in the Motor Cortex of Adolescent Migraine. <i>Headache</i> , 2010, 50, 1005-1016.	3.9	18
104	Noninvasive localization of epileptogenic zones with ictal high-frequency neuromagnetic signals. <i>Journal of Neurosurgery: Pediatrics</i> , 2010, 5, 113-122.	1.3	59
105	MEG source localization using a frequency beamformer. , 2010, , .		1
106	Neuromagnetic biomarkers of visuocortical development in healthy children. <i>Clinical Neurophysiology</i> , 2010, 121, 1555-1562.	1.5	12
107	Neuromagnetic correlates of developmental changes in endogenous high-frequency brain oscillations in children: A wavelet-based beamformer study. <i>Brain Research</i> , 2009, 1274, 28-39.	2.2	27
108	Time, frequency and volumetric differences of high-frequency neuromagnetic oscillation between left and right somatosensory cortices. <i>International Journal of Psychophysiology</i> , 2009, 72, 102-110.	1.0	28

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109	Frequency and spatial characteristics of high-frequency neuromagnetic signals in childhood epilepsy. <i>Epileptic Disorders</i> , 2009, 11, 113-125.	1.3	75
110	Modeling the Developmental Patterns of Auditory Evoked Magnetic Fields in Children. <i>PLoS ONE</i> , 2009, 4, e4811.	2.5	37
111	Spatial and Frequency Differences of Neuromagnetic Activities in Processing Concrete and Abstract Words. <i>Brain Topography</i> , 2008, 20, 123-129.	1.8	11
112	Spatial and Frequency Differences of Neuromagnetic Activities Between the Perception of Open- and Closed-class Words. <i>Brain Topography</i> , 2008, 21, 75-85.	1.8	12
113	Detection of subtle structural abnormality in tuberous sclerosis using MEG guided post-image processing. <i>International Congress Series</i> , 2007, 1300, 693-696.	0.2	1
114	Volumetric localization of epileptic activity using wavelet-based synthetic aperture magnetometry. <i>International Congress Series</i> , 2007, 1300, 697-700.	0.2	2
115	Emergent Reading and Brain Development. , 0, , .		1
116	Effect of aeration rates on the performance of an OSA-based sludge reduction process: limitations and implications. , 0, 76, 166-173.		0