

Yuan Wang

List of Publications by Year in descending order

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86
papers

1,944
citations

293460

24
h-index

325983

40
g-index

88
all docs

88
docs citations

88
times ranked

2750
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual roles of dissolved organic nitrogen in groundwater nitrogen cycling: Nitrate precursor and denitrification promoter. <i>Science of the Total Environment</i> , 2022, 811, 151375.	3.9	19
2	Investigation of the Oxidation Behavior of Cr ₂₀ Mn ₁₇ Fe ₁₈ Ta ₂₃ W ₂₂ and Microdefects Evolution Induced by Hydrogen Ions before and after Oxidation. <i>Materials</i> , 2022, 15, 1895.	1.3	1
3	Chemoselective Trimerization of Isocyanides: De Novo Synthesis of 2-Indole-Substituted Quinolines and Pyridines. <i>Organic Letters</i> , 2022, 24, 105-109.	2.4	12
4	Aging Affects Subcortical Pitch Information Encoding Differently in Humans With Different Language Backgrounds. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 816100.	1.7	0
5	Prevalence of <i>Helicobacter pylori</i> in Non-Cardia Gastric Cancer in China: A Systematic Review and Meta-Analysis. <i>Frontiers in Oncology</i> , 2022, 12, 850389.	1.3	8
6	β-1,6-Glucan From <i>Pleurotus eryngii</i> Modulates the Immunity and Gut Microbiota. <i>Frontiers in Immunology</i> , 2022, 13, 859923.	2.2	12
7	TMAO: how gut microbiota contributes to heart failure. <i>Translational Research</i> , 2021, 228, 109-125.	2.2	113
8	Noncontact Metal-“Spiropyran”-Metal Nanostructured Substrates with Ag and Au@SiO ₂ Nanoparticles Deposited in Nanohole Arrays for Surface-Enhanced Fluorescence and Trace Detection of Metal Ions. <i>ACS Applied Nano Materials</i> , 2021, 4, 3780-3789.	2.4	12
9	Toward a High-Performance Aqueous Zinc Ion Battery: Potassium Vanadate Nanobelts and Carbon Enhanced Zinc Foil. <i>Nano Letters</i> , 2021, 21, 2738-2744.	4.5	77
10	Similarity Evaluation on the Compound TCM Formulation “Huoling Shengji Granule” and Its Placebo by Intelligent Sensory Evaluation Technologies and the Human Sensory Evaluation Method Based on Critical Quality Attributes. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-13.	0.5	1
11	Distribution Characteristics, Pollution Assessment, and Source Identification of Heavy Metals in Soils Around a Landfill-Farmland Multisource Hybrid District. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 81, 77-90.	2.1	11
12	GILT in tumor cells improves T cell-mediated anti-tumor immune surveillance. <i>Immunology Letters</i> , 2021, 234, 1-12.	1.1	5
13	Plasma Ceramides and Cardiovascular Events in Hypertensive Patients at High Cardiovascular Risk. <i>American Journal of Hypertension</i> , 2021, 34, 1209-1216.	1.0	9
14	Aldosterone dysregulation predicts the risk of mortality and rehospitalization in heart failure with a preserved ejection fraction. <i>Science China Life Sciences</i> , 2021, , 1.	2.3	5
15	Population Demographic History of a Rare and Endangered Tree <i>Magnolia sprengeri</i> Pamp. in East Asia Revealed by Molecular Data and Ecological Niche Analysis. <i>Forests</i> , 2021, 12, 931.	0.9	2
16	Characterization of the DNA molecular sequence of complete plastid genome of <i>Paeonia rockii</i> subsp. <i>taibaishanica</i> , an endemic species in China. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 2628-2629.	0.2	1
17	Association of IL1R1 Coding Variant With Plasma-Level Soluble ST2 and Risk of Aortic Dissection. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 710425.	1.1	5
18	Assessment and prediction of high speed railway bridge long-term deformation based on track geometry inspection big data. <i>Mechanical Systems and Signal Processing</i> , 2021, 158, 107749.	4.4	16

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19	Experimental and numerical investigations of asymmetric chord-reference system regarding track geometry measurement. Measurement: Journal of the International Measurement Confederation, 2021, 182, 109743.	2.5	7
20	Incidence and Survival of Aortic Dissection in Urban China: Results from the National Insurance Claims for Epidemiological Research (NICER) Study. The Lancet Regional Health - Western Pacific, 2021, 17, 100280.	1.3	11
21	Tailoring the Energy Band Structure and Interfacial Morphology of the ETL via Controllable Nanocluster Size Achieves High-Performance Planar Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2021, 13, 48555-48568.	4.0	8
22	Vertical track irregularity analysis of high-speed railways on simply-supported beam bridges based on the virtual track inspection method. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2021, 235, 328-338.	1.3	7
23	Quantitation and clinical evaluation of plasma aldosterone by ultra-performance liquid chromatography–mass spectrometry. Journal of Chromatography A, 2020, 1609, 460456.	1.8	9
24	Modeling and experimental verification of a fractional damping quad-stable energy harvesting system for use in wireless sensor networks. Energy, 2020, 190, 116301.	4.5	35
25	Using the geometric wheel-rail contact algorithms for fault detection in turnout areas based on the variable section characteristics of rails. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2020, 234, 550-563.	1.3	4
26	Dynamic modeling and experimental investigation of self-powered sensor nodes for freight rail transport. Applied Energy, 2020, 257, 113969.	5.1	90
27	Reinforcement learning approach for optimal control of multiple electric locomotives in a heavy-haul freight train: A Double-Switch-Q-network architecture. Knowledge-Based Systems, 2020, 190, 105173.	4.0	26
28	High Curie Temperature Ferromagnetism and High Hole Mobility in Tensile Strained Mn-Doped SiGe Thin Films. Advanced Functional Materials, 2020, 30, 2002513.	7.8	20
29	Subway rail transit monitoring by built-in sensor platform of smartphone. Frontiers of Information Technology and Electronic Engineering, 2020, 21, 1226-1238.	1.5	12
30	Electrophoretic Deposited Black Phosphorus on 3D Porous Current Collectors to Regulate Li Nucleation for Dendrite-Free Lithium Metal Anodes. ACS Applied Materials & Interfaces, 2020, 12, 51563-51572.	4.0	30
31	Beautiful chaotic patterns generated using simple untrained recurrent neural networks under harmonic excitation. Nonlinear Dynamics, 2020, 100, 3887-3905.	2.7	1
32	A new spinel high-entropy oxide (Mg _{0.2} Ti _{0.2} Zn _{0.2} Cu _{0.2} Fe _{0.2}) ₃ O ₄ with fast reaction kinetics and excellent stability as an anode material for lithium ion batteries. RSC Advances, 2020, 10, 9736-9744.	1.7	101
33	A Data-Fusion Approach for Speed Estimation and Location Calibration of a Metro Train Based on Low-Cost Sensors in Smartphones. IEEE Sensors Journal, 2019, 19, 10744-10752.	2.4	17
34	Tunable pseudocapacitive contribution by dimension control in nanocrystalline-constructed (Mg _{0.2} Co _{0.2} Ni _{0.2} Cu _{0.2} Zn _{0.2})O solid solutions to achieve superior lithium-storage properties. RSC Advances, 2019, 9, 28908-28915.	1.7	36
35	Theoretical and Experimental Studies of the Antislip Capacity between Cable and Saddle Equipped with Horizontal Friction Plates. Journal of Bridge Engineering, 2019, 24, .	1.4	7
36	Association of Soluble ST2 Serum Levels With Outcomes in Pediatric Dilated Cardiomyopathy. Canadian Journal of Cardiology, 2019, 35, 727-735.	0.8	14

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37	Excellent Electrochemical Performances of Intrinsic Polyaniline Nanofibers Fabricated by Electrochemical Deposition. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2019, 34, 216-222.	0.4	11
38	Multipoint chord reference system for track irregularity: Part I “ Theory and methodology. Measurement: <i>Journal of the International Measurement Confederation</i> , 2019, 138, 240-255.	2.5	15
39	Multipoint chord reference system for track irregularity: Part II “ Numerical analysis. Measurement: <i>Journal of the International Measurement Confederation</i> , 2019, 138, 194-205.	2.5	9
40	Stress corrosion cracking behavior of 310S stainless steel in supercritical water at different temperature. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2019, 70, 868-876.	0.8	1
41	Global Tudor“N transgenic mice are protected from obesity“induced hepatic steatosis and insulin resistance. <i>FASEB Journal</i> , 2019, 33, 3731-3745.	0.2	4
42	Study on an elastic lever system for electromagnetic energy harvesting from rail vibration. <i>Journal of Vibroengineering</i> , 2019, 21, 384-395.	0.5	6
43	Stress corrosion cracking behavior of 310S in supercritical water with different oxygen concentrations. <i>Nuclear Science and Techniques/Hewuli</i> , 2018, 29, 1.	1.3	1
44	Experimental investigation of non-linear multi-stable electromagnetic-induction energy harvesting mechanism by magnetic levitation oscillation. <i>Applied Energy</i> , 2018, 220, 856-875.	5.1	132
45	The Complement C3a<i>“</i>C3aR Axis Promotes Development of Thoracic Aortic Dissection via Regulation of MMP2 Expression. <i>Journal of Immunology</i> , 2018, 200, 1829-1838.	0.4	36
46	Synthesis of manganese-based complex as cathode material for aqueous rechargeable batteries. <i>RSC Advances</i> , 2018, 8, 15703-15708.	1.7	14
47	Error theory of chord-based measurement system regarding track geometry and improvement by high frequency sampling. Measurement: <i>Journal of the International Measurement Confederation</i> , 2018, 115, 204-216.	2.5	16
48	Magnitude of Soluble ST2 as a Novel Biomarker for Acute Aortic Dissection. <i>Circulation</i> , 2018, 137, 259-269.	1.6	80
49	Experimental Study on Rockfall Impact Force Applied to Frame Shed Tunnels. <i>Journal of Highway and Transportation Research and Development (English Edition)</i> , 2018, 12, 59-66.	0.2	4
50	Traffic Command Gesture Recognition for Virtual Urban Scenes Based on a Spatiotemporal Convolution Neural Network. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 37.	1.4	26
51	The increasing variability of tropical cyclone lifetime maximum intensity. <i>Scientific Reports</i> , 2018, 8, 16641.	1.6	15
52	Response by Wang et al to Letter Regarding Article, “Magnitude of Soluble ST2 as a Novel Biomarker for Acute Aortic Dissection“: <i>Circulation</i> , 2018, 138, 1281-1282.	1.6	1
53	Both Gfr“1a and Gfr“1b Are Involved in the Self-Renewal and Maintenance of Spermatogonial Stem Cells in Medaka. <i>Stem Cells and Development</i> , 2018, 27, 1658-1670.	1.1	10
54	A Bayesian modeling approach for phosphorus load apportionment in a reservoir with high water transfer disturbance. <i>Environmental Science and Pollution Research</i> , 2018, 25, 32395-32408.	2.7	7

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55	A light-driven molecular machine based on stiff stilbene. <i>Chemical Communications</i> , 2018, 54, 7991-7994.	2.2	47
56	Experimental and Numerical Study on Buckling Behavior of a Rigidly Stiffened Plate with Tee Ribs. <i>International Journal of Steel Structures</i> , 2018, 18, 582-595.	0.6	3
57	Position synchronization for track geometry inspection data via big-data fusion and incremental learning. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 93, 544-565.	3.9	28
58	Development and validation of an LC-MS/MS method for the simultaneous quantification of seven constituents in rat plasma and application in a pharmacokinetic study of the Zaoren Anshen prescription. <i>Biomedical Chromatography</i> , 2018, 32, e4055.	0.8	7
59	Asymmetric interaction of point defects and heterophase interfaces in ZrN/TaN multilayered nanofilms. <i>Scientific Reports</i> , 2017, 7, 40044.	1.6	9
60	Synthesis and evaluation of novel ascorbyl cinnamates as potential anti-oxidant and antimicrobial agents. <i>Research on Chemical Intermediates</i> , 2017, 43, 5901-5916.	1.3	2
61	ER stress dependent microparticles derived from smooth muscle cells promote endothelial dysfunction during thoracic aortic aneurysm and dissection. <i>Clinical Science</i> , 2017, 131, 1287-1299.	1.8	66
62	Metabolomics through the lens of precision cardiovascular medicine. <i>Journal of Genetics and Genomics</i> , 2017, 44, 127-138.	1.7	21
63	The stabilization of the rocksalt structured tantalum nitride. <i>Journal of Applied Physics</i> , 2017, 122, .	1.1	9
64	A new self-tuning fuzzy controller for vibration of a flexible structure subjected to multi-frequency excitations. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2017, 231, 614-625.	0.7	2
65	Realistic image composite with best-buddy prior of natural image patches. , 2017, , .		0
66	A Meta-Analysis for Association of Maternal Smoking with Childhood Refractive Error and Amblyopia. <i>Journal of Ophthalmology</i> , 2016, 2016, 1-7.	0.6	8
67	Rheological Properties of Municipal Sewage Sludge: Dependency on Solid Concentration and Temperature. <i>Procedia Environmental Sciences</i> , 2016, 31, 113-121.	1.3	39
68	Reporter-Embedded SERS Tags from Gold Nanorod Seeds: Selective Immobilization of Reporter Molecules at the Tip of Nanorods. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 28105-28115.	4.0	50
69	Photoresponse properties based on CdS nanoparticles deposited on multi-walled carbon nanotubes. <i>RSC Advances</i> , 2016, 6, 78053-78058.	1.7	8
70	Senkyunolide I attenuates oxygen-glucose deprivation/reoxygenation-induced inflammation in microglial cells. <i>Brain Research</i> , 2016, 1649, 123-131.	1.1	39
71	Highly sensitive and well reproducible Surface-enhanced Raman spectroscopy from silver triangular platelets. <i>Talanta</i> , 2016, 161, 599-605.	2.9	14
72	MDG-1, an Ophiopogon polysaccharide, alleviates hyperlipidemia in mice based on metabolic profile of bile acids. <i>Carbohydrate Polymers</i> , 2016, 150, 74-81.	5.1	37

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73	T-shaped monopyridazinotetrathiafulvalene-amino acid diad based chiral organogels with aggregation-induced fluorescence emission. <i>Soft Matter</i> , 2016, 12, 6373-6384.	1.2	12
74	Senkyunolide I protects rat brain against focal cerebral ischemiaâ€“reperfusion injury by up-regulating p-Erk1/2, Nrf2/HO-1 and inhibiting caspase 3. <i>Brain Research</i> , 2015, 1605, 39-48.	1.1	73
75	Ultraviolet membrane bioreactor for enhancing the removal of organic matter in micro-polluted water. <i>Desalination and Water Treatment</i> , 2015, 56, 2335-2343.	1.0	0
76	MDG-1, an Ophiopogon polysaccharide, regulate gut microbiota in high-fat diet-induced obese C57BL/6 mice. <i>International Journal of Biological Macromolecules</i> , 2015, 81, 576-583.	3.6	75
77	Electrochemical performance of patterned LiFePO ₄ nano-electrode with a pristine amorphous layer. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	8
78	Immobilization of heparin/poly-L-lysine nanoparticles on dopamine-coated surface to create a heparin density gradient for selective direction of platelet and vascular cells behavior. <i>Acta Biomaterialia</i> , 2014, 10, 1940-1954.	4.1	126
79	UPLC-TOF/MS based urinary metabonomic studies reveal mild prevention effects of MDG-1 on metabolic disorders in diet-induced obese mice. <i>Analytical Methods</i> , 2014, 6, 4171.	1.3	4
80	MDG-1, a polysaccharide from <i>Ophiopogon japonicus</i> , prevents high fat diet-induced obesity and increases energy expenditure in mice. <i>Carbohydrate Polymers</i> , 2014, 114, 183-189.	5.1	50
81	Thermal distribution analysis of multi-core photonic crystal fiber laser. <i>Optoelectronics Letters</i> , 2012, 8, 13-16.	0.4	5
82	Design, synthesis and bioactivity of ethyl 2-((1-methyl-2, 3-dioxindolin-5-yl) methoxy) acetate. , 2011, , .		0
83	Dichlorido[N^{\ominus} -(3,5-dichloro-2-hydroxybenzylidene)pyridine-4-carbohydrazide- N^{\oplus}](1,10-phenanthroline- N^{\ominus} 2N, N^{\ominus} 2)cobalt(II) methanol monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m1594-m1594.	0.2	1
84	(3,5-Dichlorosalicylaldehyde thiosemicarbazonato- N^{\ominus} 3S,N1,O)(N, N^{\ominus} 2-dimethylformamide- N^{\oplus} O)copper(II) dimethylformamide solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m633-m634.	0.2	1
85	Calcium-Mediated Mitochondrial Permeability Transition Involved in Hydrogen Peroxide-Induced Apoptosis in Tobacco Protoplasts. <i>Journal of Integrative Plant Biology</i> , 2006, 48, 433-439.	4.1	16
86	Salt stress-induced programmed cell death via Ca ²⁺ -mediated mitochondrial permeability transition in tobacco protoplasts. <i>Plant Growth Regulation</i> , 2005, 45, 243-250.	1.8	51