

Mei Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6581374/publications.pdf>

Version: 2024-02-01

88
papers

2,498
citations

172457
29
h-index

233421
45
g-index

88
all docs

88
docs citations

88
times ranked

3248
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorine in 20 vegetable species and 25 lettuce cultivars grown on a contaminated field adjacent to a brick kiln. <i>Environmental Geochemistry and Health</i> , 2023, 45, 1655-1667.	3.4	3
2	Simultaneous removal of Cr and organic matters via coupling Cr-Fenton-like reaction with Cr flocculation: The key role of Cr flocs on coupling effect. <i>Chemosphere</i> , 2022, 287, 131991.	8.2	6
3	Soil fungal communities affect the chemical quality of flue-cured tobacco leaves in Bijie, Southwest China. <i>Scientific Reports</i> , 2022, 12, 2815.	3.3	12
4	Electrocatalytic CO ₂ Reduction and H ₂ Evolution by a Copper (II) Complex with Redox-Active Ligand. <i>Molecules</i> , 2022, 27, 1399.	3.8	5
5	ALA_PDT Promotes Ferroptosis-Like Death of <i>Mycobacterium abscessus</i> and Antibiotic Sterilization via Oxidative Stress. <i>Antioxidants</i> , 2022, 11, 546.	5.1	18
6	Constructing Cu ⁺ C Bonds in a Graphdiyne-Regulated Cu Single-Atom Electrocatalyst for CO ₂ Reduction to CH ₄ . <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	92
7	<sc>SORTING NEXIN2</sc> proteins mediate stomatal movement and the response to drought stress by modulating trafficking and protein levels of the <sc>ABA</sc> exporter <sc>ABCG25</sc>. <i>Plant Journal</i> , 2022, 110, 1603-1618.	5.7	8
8	Constructing Cu ⁺ C Bonds in a Graphdiyne-Regulated Cu Single-Atom Electrocatalyst for CO ₂ Reduction to CH ₄ . <i>Angewandte Chemie</i> , 2022, 134, .	2.0	8
9	<sc>TaSRO1</sc> plays a dual role in suppressing <sc>TaSIP1</sc> to fine tune mitochondrial retrograde signalling and enhance salinity stress tolerance. <i>New Phytologist</i> , 2022, 236, 495-511.	7.3	11
10	Microwave-assisted liquefaction of carbohydrates for 5-hydroxymethylfurfural using tungstophosphoric acid encapsulated dendritic fibrous mesoporous silica as a catalyst. <i>Science of the Total Environment</i> , 2021, 760, 143379.	8.0	28
11	The effect of torrefaction and ZSM-5 catalyst for hydrocarbon rich bio-oil production from co-pyrolysis of cellulose and low density polyethylene via microwave-assisted heating. <i>Science of the Total Environment</i> , 2021, 754, 142174.	8.0	24
12	Spatial variation and fractionation of fluoride in tobacco-planted soils and leaf fluoride concentration in tobacco in Bijie City, Southwest China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 26112-26123.	5.3	15
13	Five novel MOFs with various dimensions as efficient catalysts for oxygen evolution reactions. <i>CrystEngComm</i> , 2021, 23, 5475-5480.	2.6	6
14	Two biologically inspired tetranuclear nickel(II) catalysts: effect of the geometry of Ni ₄ core on electrocatalytic water oxidation. <i>Journal of Biological Inorganic Chemistry</i> , 2021, 26, 205-216.	2.6	8
15	A mononuclear copper complex as bifunctional electrocatalyst for CO ₂ reduction and water oxidation. <i>Journal of Electroanalytical Chemistry</i> , 2021, 886, 115106.	3.8	4
16	A ras-related small GTP-binding protein, RabE1c, regulates stomatal movements and drought stress responses by mediating the interaction with ABA receptors. <i>Plant Science</i> , 2021, 306, 110858.	3.6	14
17	The Cyclophilin ROC3 Regulates ABA-Induced Stomatal Closure and the Drought Stress Response of <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 668792.	3.6	11
18	Graphdiyne-Stabilized Silver Nanoparticles as an Efficient Electrocatalyst for CO ₂ Reduction. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2100037.	5.8	7

#	ARTICLE	IF	CITATIONS
19	Bioinspired cobalt molecular electrocatalyst for water oxidation coupled with carbon dioxide reduction. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6371.	3.5	4
20	Reproductive toxicity and underlying mechanisms of di(2-ethylhexyl) phthalate in nematode <i>Caenorhabditis elegans</i> . <i>Journal of Environmental Sciences</i> , 2021, 105, 1-10.	6.1	14
21	CoS ₂ nanowires supported graphdiyne for highly efficient hydrogen evolution reaction. <i>Journal of Energy Chemistry</i> , 2021, 60, 272-278.	12.9	44
22	Effects of straw return with N fertilizer reduction on crop yield, plant diseases and pests and potential heavy metal risk in a Chinese rice paddy: A field study of 2 consecutive wheat-rice cycles. <i>Environmental Pollution</i> , 2021, 288, 117741.	7.5	51
23	Recent advances of graphdiyne: synthesis, functionalization, and electrocatalytic applications. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7964-7981.	5.9	9
24	Stabilization of Cu/Ni Alloy Nanoparticles with Graphdiyne Enabling Efficient CO ₂ Reduction. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 1328-1333.	2.6	11
25	UV-responsive AKBA@ZnO nanoparticles potential for polymorphous light eruption protection and therapy. <i>Materials Science and Engineering C</i> , 2020, 107, 110254.	7.3	8
26	Low-level PDT treatment modulated photoaging mediated by UVA irradiation through regulating Bach2. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 29, 101606.	2.6	7
27	The LRR-RLK Protein HSL3 Regulates Stomatal Closure and the Drought Stress Response by Modulating Hydrogen Peroxide Homeostasis. <i>Frontiers in Plant Science</i> , 2020, 11, 548034.	3.6	30
28	Secreted Peptide PIP1 Induces Stomatal Closure by Activation of Guard Cell Anion Channels in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 1029.	3.6	13
29	Degradation of polyvinyl chloride microplastics via an electro-Fenton-like system with a TiO ₂ /graphite cathode. <i>Journal of Hazardous Materials</i> , 2020, 399, 123023.	12.4	194
30	Two novel Co (II) coordination polymers as bifunctional materials for efficient photocatalytic degradation of dyes and electrocatalytic water oxidation. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5767.	3.5	11
31	Fluorine in the environment in an endemic fluorosis area in Southwest, China. <i>Environmental Research</i> , 2020, 184, 109300.	7.5	32
32	Effect of PDI ligand binding pattern on the electrocatalytic activity of two Ru(II) complexes for CO ₂ reduction. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5551.	3.5	6
33	Stabilization of cobalt clusters with graphdiyne enabling efficient overall water splitting. <i>Nano Energy</i> , 2020, 74, 104852.	16.0	43
34	Two Trinuclear Cu ^{II} Complexes: Effect of Phosphonate Ligand on the Magnetic Property and Electrocatalytic Reactivity for Water Oxidation. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2685-2693.	3.3	20
35	Effects of low-dose ALA-PDT on fibroblast photoaging induced by UVA irradiation and the underlying mechanisms. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 79-84.	2.6	13
36	<i>In situ</i> construction of graphdiyne/CuS heterostructures for efficient hydrogen evolution reaction. <i>Materials Chemistry Frontiers</i> , 2019, 3, 821-828.	5.9	47

#	ARTICLE	IF	CITATIONS
37	Catalytic Oxidation of Trichloroethylene over RuO ₂ Supported on Ceria-zirconia Mixed Oxide. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 71-78.	2.6	3
38	Mitochondrial Pyruvate Carriers Prevent Cadmium Toxicity by Sustaining the TCA Cycle and Glutathione Synthesis. <i>Plant Physiology</i> , 2019, 180, 198-211.	4.8	51
39	Electrocatalytic water oxidation studies of a tetranuclear Cu(II) complex with cubane-like core Cu ₄ (μ_4 -O) ₄ . <i>New Journal of Chemistry</i> , 2019, 43, 4640-4647.	2.8	14
40	OXS2 is Required for Salt Tolerance Mainly through Associating with Salt Inducible Genes, CA1 and Araport11, in Arabidopsis. <i>Scientific Reports</i> , 2019, 9, 20341.	3.3	24
41	Autophagy: Multiple Mechanisms to Protect Skin from Ultraviolet Radiation-Driven Photoaging. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	4.0	53
42	ZmOST1 mediates abscisic acid regulation of guard cell ion channels and drought stress responses. <i>Journal of Integrative Plant Biology</i> , 2019, 61, 478-491.	8.5	43
43	Coordination Modes, Oxidation, and Protonation Levels of 2,6-Pyridinediimine and 2,2',6',2'-Terpyridine Ligands in New Complexes of Cobalt, Zirconium, and Ruthenium. An Experimental and Density Functional Theory Computational Study. <i>Inorganic Chemistry</i> , 2019, 58, 121-132.	4.0	8
44	Two tetranuclear 3d ⁴ f heterometal complexes Mn ₂ Ln ₂ (Ln = Dy, Gd): synthesis, structure, magnetism, and electrocatalytic reactivity for water oxidation. <i>New Journal of Chemistry</i> , 2018, 42, 5798-5805.	2.8	26
45	UVA Irradiation Enhances Brusatol-Mediated Inhibition of Melanoma Growth by Downregulation of the Nrf2-Mediated Antioxidant Response. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-15.	4.0	35
46	Physiological and Molecular Processes Associated with Long Duration of ABA Treatment. <i>Frontiers in Plant Science</i> , 2018, 9, 176.	3.6	22
47	Synthesis and electrocatalytic reactivity for water oxidation of two cerium(IV) complexes. <i>Journal of Coordination Chemistry</i> , 2018, 71, 1415-1429.	2.2	3
48	Cembranoid Diterpenes from the South China Sea Soft Coral <i>Sinularia compacta</i> . <i>Chemistry of Natural Compounds</i> , 2017, 53, 181-184.	0.8	4
49	Turbo Equalization Performance Analysis and Application in the HF Communication System. , 2017, , .		0
50	Six Co(II) Coordination Polymers Based on Two Isomeric Semirigid Ether-Linked Aromatic Tetracarboxylate Acid: Syntheses, Structural Comparison, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2017, 17, 5533-5543.	3.0	29
51	A novel wheat cysteine-rich receptor-like kinase gene CRK41 is involved in the regulation of seed germination under osmotic stress in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Biology</i> , 2017, 60, 571-581.	2.1	8
52	Discovery of DNA Topoisomerase I Inhibitors with Low-Cytotoxicity Based on Virtual Screening from Natural Products. <i>Marine Drugs</i> , 2017, 15, 217.	4.6	25
53	Mitochondrial pyruvate carrier 1 mediates abscisic acid-regulated stomatal closure and the drought response by affecting cellular pyruvate content in <i>Arabidopsis thaliana</i> . <i>BMC Plant Biology</i> , 2017, 17, 217.	3.6	28
54	Telomerase reverse transcriptase mediates EMT through NF- κ B signaling in tongue squamous cell carcinoma. <i>Oncotarget</i> , 2017, 8, 85492-85503.	1.8	21

#	ARTICLE	IF	CITATIONS
55	Naphthalenones and Depsidones from a Sponge-Derived Strain of the Fungus <i>Corynespora cassicola</i> . <i>Molecules</i> , 2016, 21, 160.	3.8	19
56	Structural and Spectroscopic Characterization of Rhenium Complexes Containing Neutral, Monoanionic, and Dianionic Ligands of 2,2'-Bipyridines and 2,2':6,2''-Terpyridines: An Experimental and Density Functional Theory (DFT)-Computational Study. <i>Inorganic Chemistry</i> , 2016, 55, 5019-5036.	4.0	26
57	Unraveling a Single-Step Simultaneous Two-Electron Transfer Process from Semiconductor to Molecular Catalyst in a CoPy/CdS Hybrid System for Photocatalytic H ₂ Evolution under Strong Alkaline Conditions. <i>Journal of the American Chemical Society</i> , 2016, 138, 10726-10729.	13.7	79
58	Competitive immobilization of Pb in an aqueous ternary-metals system by soluble phosphates with varying pH. <i>Chemosphere</i> , 2016, 159, 58-65.	8.2	14
59	TH11, a Thiamine Thiazole Synthase, Interacts with Ca ²⁺ -Dependent Protein Kinase CPK33 and Modulates the S-Type Anion Channels and Stomatal Closure in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2016, 170, 1090-1104.	4.8	73
60	Ca ²⁺ regulation of K ⁺ transmembrane trafficking during pollen germination and tube elongation. <i>Plant, Cell and Environment</i> , 2015, 38, 2372-2386.	5.7	46
61	Antibacterial Ketosteroids from the South China Sea Gorgonian Coral <i>Subergorgia rubra</i> . <i>Chemistry and Biodiversity</i> , 2015, 12, 1068-1074.	2.1	10
62	Determining the Electronic Structure of a Series of [(phen) ₃ M] ⁰ (M = Ti, V, Tj) ETQq0 0 0 rgBT /Overlock 10 T Ligands vs. Radical Anions. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3246-3254.	2.0	16
63	Wheat NF-YA10 functions independently in salinity and drought stress. <i>Bioengineered</i> , 2015, 6, 245-247.	3.2	33
64	CYCLIN-DEPENDENT KINASE G2 regulates salinity stress response and salt mediated flowering in <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> , 2015, 88, 287-299.	3.9	53
65	Overexpression of wheat NF-YA10 gene regulates the salinity stress response in <i>Arabidopsis thaliana</i> . <i>Plant Physiology and Biochemistry</i> , 2015, 86, 34-43.	5.8	57
66	A wheat aminocyclopropane-1-carboxylate oxidase gene, TaACO1, negatively regulates salinity stress in <i>Arabidopsis thaliana</i> . <i>Plant Cell Reports</i> , 2014, 33, 1815-1827.	5.6	51
67	The ongoing story: the mitochondria pyruvate carrier 1 in plant stress response in <i>Arabidopsis</i> . <i>Plant Signaling and Behavior</i> , 2014, 9, e973810.	2.4	11
68	Associations between Serum-Intact Parathyroid Hormone, Serum 25-Hydroxyvitamin D. Oral Vitamin D Analogs and Metabolic Syndrome in Peritoneal Dialysis Patients: A Multi-Center Cross-Sectional Study. <i>Peritoneal Dialysis International</i> , 2014, 34, 447-455.	2.3	12
69	The Secreted Peptide PIP1 Amplifies Immunity through Receptor-Like Kinase 7. <i>PLoS Pathogens</i> , 2014, 10, e1004331.	4.7	186
70	<i>Arabidopsis thaliana</i> calmodulin-like protein CML24 regulates pollen tube growth by modulating the actin cytoskeleton and controlling the cytosolic Ca ²⁺ concentration. <i>Plant Molecular Biology</i> , 2014, 86, 225-236.	3.9	48
71	The Electron Transfer Series [MoIII(bpy) ₃] ⁿ (n=3+, 2+, 1+, 0, 1 ⁻), and the Dinuclear Species [{MoIIICl(Mebpy) ₂] ₂ (μ ₂ -O)]Cl ₂ and [{MoIV(tpy) ₂] ₂ (μ ₂ -MoO ₄)](PF ₆) ₂ ·4MeCN. <i>Chemistry - A European Journal</i> , 2014, 20, n/a-n/a.	3.0	4
72	Molecular and Electronic Structures of the Members of the Electron Transfer Series [Mn(bpy) ₃] ⁿ (n=2+, 1+, 0, 1 ⁻) and [Mn(tpy) ₂] ^m (m=4+, 3+, 2+, 1+, 0). An Experimental and Density Functional Theory Study. <i>Inorganic Chemistry</i> , 2014, 53, 2276-2287.	4.0	45

#	ARTICLE	IF	CITATIONS
73	NRGA1, a Putative Mitochondrial Pyruvate Carrier, Mediates ABA Regulation of Guard Cell Ion Channels and Drought Stress Responses in Arabidopsis. <i>Molecular Plant</i> , 2014, 7, 1508-1521.	8.3	65
74	A Wheat <i>SIMILAR TO RCD-ONE</i> Gene Enhances Seedling Growth and Abiotic Stress Resistance by Modulating Redox Homeostasis and Maintaining Genomic Integrity. <i>Plant Cell</i> , 2014, 26, 164-180.	6.6	113
75	Clicking ferrocene to halogenated boron-doped diamond surfaces. <i>Rare Metals</i> , 2013, 32, 100-104.	7.1	1
76	Clicking cyclophane to boron doped diamond surfaces. <i>Science Bulletin</i> , 2013, 58, 2898-2902.	1.7	3
77	Molecular and Electronic Structures of Six-Coordinate α -Low-Valent $[M(\sup>Me\sup>bpy)\sub>3\sup>0 (M = Ti, V, Cr, Mo) and [M(tpy)\sub>2\sup>0 (M = Ti, V, Cr), and Seven-Coordinate [MoF(\sup>Me\sup>bpy)\sub>3(PF6) and [MX(tpy)\sub>2(PF6) (M = Mo, X = Cl and M = W, X = F). Inorganic Chemistry, 2013, 52, 12763-12776.$	4.0	52
78	Preparation of H-terminated and aminated diamond like carbon surfaces. <i>Rare Metals</i> , 2012, 31, 189-192.	7.1	5
79	Characterization and analysis of DLC films with different thickness deposited by RF magnetron PECVD. <i>Rare Metals</i> , 2012, 31, 198-203.	7.1	13
80	A type of voltage-dependent Ca ²⁺ channel on <i>Vicia faba</i> guard cell plasma membrane outwardly permeates K ⁺ . <i>Protoplasma</i> , 2012, 249, 699-708.	2.1	3
81	A trimanganese cluster-based 2D layer framework with facile single-crystal-to-single-crystal transformation to afford a 1D chain structure. <i>CrystEngComm</i> , 2010, 12, 1467.	2.6	32
82	The use of phosphonates for constructing 3d ^{4f} clusters at high oxidation states: synthesis and characterization of two unusual heterometallic CeMn complexes. <i>Dalton Transactions</i> , 2010, 39, 7276.	3.3	57
83	Synthesis and characterization of two manganese tert-butylphosphonate complexes. <i>Journal of Molecular Structure</i> , 2009, 920, 242-247.	3.6	7
84	Study of the size-dependent properties of Sc _n Al (n= 1-14) clusters by density-functional theory. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 046004.	1.8	3
85	Synthesis and characterization of a series of manganese phosphonate complexes with various valences and nuclearity. <i>Dalton Transactions</i> , 2009, , 994-1003.	3.3	31
86	Synthesis and characterization of nona- and trideca-nuclear manganese phosphonate clusters. <i>Dalton Transactions</i> , 2008, , 4612.	3.3	32
87	Synthesis and Characterization of a Family of Penta- and Tetra-Manganese(III) Complexes Derived from an Assembly System Containing <i>tert</i> -Butylphosphonic Acid. <i>Inorganic Chemistry</i> , 2008, 47, 5580-5590.	4.0	42
88	Synthesis and characterization of a family of tetranuclear manganese(iii) phosphonate complexes. <i>New Journal of Chemistry</i> , 2007, 31, 2103.	2.8	22