

Wei Yang

List of Publications by Year in descending order

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105
papers

2,690
citations

201674

27
h-index

214800

47
g-index

108
all docs

108
docs citations

108
times ranked

3459
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study on drill bit torque influenced by artificial specimen mechanical properties and drilling parameters. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	1.3	1
2	Comparative study on pore structure characteristics of marine and transitional facies shales: A case study of the Upper Permian Longtan Formation and Dalong Formation in the Lower Yangtze area, south China. <i>Journal of Petroleum Science and Engineering</i> , 2022, 215, 110578.	4.2	5
3	Pediatric acute myeloid leukemia patients with <i>KMT2A</i> rearrangements: a single-center retrospective study. <i>Hematology</i> , 2022, 27, 583-589.	1.5	4
4	Fixed-time trajectory following for quadrotors via output feedback. <i>ISA Transactions</i> , 2021, 110, 213-224.	5.7	36
5	Effect of microplastics on ecosystem functioning: Microbial nitrogen removal mediated by benthic invertebrates. <i>Science of the Total Environment</i> , 2021, 754, 142133.	8.0	68
6	Maturity Assessment of the Lower Cambrian and Sinian Shales Using Multiple Technical Approaches. <i>Journal of Earth Science (Wuhan, China)</i> , 2021, 32, 1262-1277.	3.2	14
7	Development and performance tests of an on-the-go detector of soil total nitrogen concentration based on near-infrared spectroscopy. <i>Precision Agriculture</i> , 2021, 22, 1479-1500.	6.0	5
8	Paleo-Temperature and -Pressure Characteristics of Fluid Inclusions in Composite Veins of the Doushantuo Shale (Yichang Area, South China): Implications for the Preservation and Enrichment of Shale Gas. <i>Energy & Fuels</i> , 2021, 35, 4091-4105.	5.1	5
9	Methane Adsorption Capacities Investigation of the Ediacaran Organic-Rich Doushantuo Shale in the Middle Yangtze Platform, South China. <i>Energy & Fuels</i> , 2021, 35, 16452-16464.	5.1	5
10	Chiral Cobalt(II) Complex Catalyzed Asymmetric [2,3]-Sigmatropic Rearrangement of Allylic Selenides with \pm -Diazo Pyrazoleamides. <i>CCS Chemistry</i> , 2021, 3, 1423-1433.	7.8	26
11	Enantioselective Formal Vinylogous N-H Insertion of Secondary Aliphatic Amines Catalyzed by a High-Spin Cobalt(II) Complex. <i>Journal of the American Chemical Society</i> , 2021, 143, 9648-9656.	13.7	41
12	Hydrocarbon gas leakage from high-pressure system in the Yanan Sag, Qiongdongnan Basin, South China Sea. <i>Geological Journal</i> , 2021, 56, 5094-5108.	1.3	3
13	Fracture Development Characteristics of Coal under Organic Solvent Erosion and Its Nondestructive Testing Method. <i>Energy & Fuels</i> , 2021, 35, 13788-13800.	5.1	6
14	Long non-coding RNA SNHG1 suppresses cell migration and invasion and upregulates SOCS2 in human gastric carcinoma. <i>Biochemistry and Biophysics Reports</i> , 2021, 27, 101052.	1.3	1
15	Method to identify composition and production phases of spring runoff in high-latitude mid-temperate regions: a case study in the Second Songhua River Basin, China. <i>Journal of Water and Climate Change</i> , 2021, 12, 3786-3800.	2.9	1
16	Biochemical and functional characterization of two microbial type terpene synthases from moss <i>Stereodon subimponens</i> . <i>Plant Physiology and Biochemistry</i> , 2021, 166, 750-760.	5.8	1
17	Evolution of the Pore and Fracture Microstructure Inside Coal Impacted by a High-Voltage Electric Pulse after $AlCl_3$ Solution Treatment. <i>Energy & Fuels</i> , 2021, 35, 18484-18494.	5.1	2
18	Supercritical High-Pressure Methane Adsorption on the Lower Cambrian Shuijingtuo Shale in the Huangling Anticline Area, South China: Adsorption Behavior, Storage Characteristics, and Geological Implications. <i>Energy & Fuels</i> , 2021, 35, 19973-19985.	5.1	5

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19	Enhanced Thermal Resistance of Boron Phenolic Composites by Addition of TiSi ₂ Particles. Journal Wuhan University of Technology, Materials Science Edition, 2021, 36, 839-844.	1.0	1
20	AVP(4-8) Improves Cognitive Behaviors and Hippocampal Synaptic Plasticity in the APP/PS1 Mouse Model of Alzheimer's Disease. Neuroscience Bulletin, 2020, 36, 254-262.	2.9	23
21	Study of Effects of Hard Thick Roof on Gas Migration and Field Experiment of Roof Artificially Guided Pre-splitting for Efficient Gas Control. Natural Resources Research, 2020, 29, 1819-1841.	4.7	10
22	Experimental Analysis of the Dynamic Effects of Coal Gas Outburst and a Protean Contraction and Expansion Flow Model. Natural Resources Research, 2020, 29, 1617-1637.	4.7	23
23	Porosity characteristics of different lithofacies in marine shale: A case study of Neoproterozoic Sinian Doushantuo formation in Yichang area, China. Journal of Petroleum Science and Engineering, 2020, 187, 106856.	4.2	17
24	Pore characteristics of the lower Sinian Doushantuo Shale in the Mid-Yangtze Yichang area of China: Insights into a distinct shale gas reservoir in the Neoproterozoic formation. Journal of Natural Gas Science and Engineering, 2020, 73, 103085.	4.4	11
25	Improving ablation properties of ceramifiable vitreous silica fabric reinforced boron phenolic resin composites via an incorporation of MoSi ₂ . Plastics, Rubber and Composites, 2020, 49, 456-469.	2.0	17
26	Nickel(II)-catalyzed asymmetric thio-Claisen rearrangement of β -diazo pyrazoleamides with thioindoles. Chemical Communications, 2020, 56, 10002-10005.	4.1	21
27	Clinical Features of Children with Retinoblastoma and Neuroblastoma. Journal of Ophthalmology, 2020, 2020, 1-8.	1.3	7
28	A safe mining approach for deep outburst coal seam groups with hard thick sandstone roof: Stepwise risk control based on gas diversion and extraction. Energy Science and Engineering, 2020, 8, 2946-2965.	4.0	10
29	Holistic suitability for regional biomass power generation development in China: An application of matter-element extension model. Journal of Environmental Management, 2020, 276, 111294.	7.8	13
30	Development and Application of a Vehicle-Mounted Soil Texture Detector. Sensors, 2020, 20, 7175.	3.8	2
31	A NAC transcription factor and its interaction protein hinder abscisic acid biosynthesis by synergistically repressing NCED5 in Citrus reticulata. Journal of Experimental Botany, 2020, 71, 3613-3625.	4.8	39
32	MgAl monolayer hydrotalcite increases the hypoglycemic effect of berberine by enhancing its oral bioavailability. Biomedicine and Pharmacotherapy, 2020, 127, 110140.	5.6	12
33	Asymmetric responses of spatial variation of different communities to a salinity gradient in coastal wetlands. Marine Environmental Research, 2020, 158, 105008.	2.5	17
34	Influence of Geo-stress on Dynamic Response Characteristics of Coal and Gas Outburst. Rock Mechanics and Rock Engineering, 2020, 53, 4819-4837.	5.4	24
35	Dam operation altered profiles of per- and polyfluoroalkyl substances in reservoir. Journal of Hazardous Materials, 2020, 393, 122523.	12.4	10
36	Event-Triggered Output Feedback Control for MEMS Gyroscope With Prescribed Performance. IEEE Access, 2020, 8, 26293-26303.	4.2	6

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37	Characteristics and evolution of pyrobitumen-hosted pores of the overmature Lower Cambrian Shuijingtuo Shale in the south of Huangling anticline, Yichang area, China: Evidence from FE-SEM petrography. <i>Marine and Petroleum Geology</i> , 2020, 116, 104303.	3.3	27
38	Potential anti-inflammation nor-oleanane triterpenoids from the fruits of <i>Stauntonia brachyanthera</i> . <i>Natural Product Research</i> , 2019, 33, 3350-3356.	1.8	3
39	Mechanical Evolution Mechanism of Coal and Gas Outburst. <i>Rock Mechanics and Rock Engineering</i> , 2019, 52, 1591-1597.	5.4	26
40	Remodeling of myocardial energy and metabolic homeostasis in a sheep model of persistent atrial fibrillation. <i>Biochemical and Biophysical Research Communications</i> , 2019, 517, 8-14.	2.1	13
41	Asymmetric Catalytic [2,3]-Wittig-Stevens and Sommelet-Hauser Rearrangements of α -Diazo Pyrazoleamides with Sulfides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13492-13498.	13.8	52
42	Xestospongins C, a Reversible IP3 Receptor Antagonist, Alleviates the Cognitive and Pathological Impairments in APP/PS1 Mice of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 72, 1217-1231.	2.6	23
43	Asymmetric Catalytic [2,3]-Wittig-Stevens and Sommelet-Hauser Rearrangements of α -Diazo Pyrazoleamides with Sulfides. <i>Angewandte Chemie</i> , 2019, 131, 13626-13632.	2.0	10
44	Tandem 13-Lipoxygenase Genes in a Cluster Confers Yellow-Green Leaf in Cucumber. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3102.	4.1	22
45	Models of shale gas storage capacity during burial and uplift: Application to Wufeng-Longmaxi shales in the Fuling shale gas field. <i>Marine and Petroleum Geology</i> , 2019, 109, 233-244.	3.3	26
46	Comparison of machine learning algorithms for soil salinity predictions in three dryland oases located in Xinjiang Uyghur Autonomous Region (XJUAR) of China. <i>European Journal of Remote Sensing</i> , 2019, 52, 256-276.	3.5	40
47	Preclinical pharmacodynamic evaluation of a new Src/FOSL1 inhibitor, LY411816, in pancreatic ductal adenocarcinoma. <i>Cancer Science</i> , 2019, 110, 1408-1419.	3.9	11
48	Enantioselective carbene insertion into the N-H bond of benzophenone imine. <i>Chemical Science</i> , 2019, 10, 10305-10309.	7.4	25
49	Facile Preparation of Linear Polyurethane from UPy-Capped Poly(<i>dl</i> -Lactic Acid) Macrodiol. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1800491.	3.6	15
50	Chiral Nickel(II) Complex Catalyzed Enantioselective Doyle-Kirmse Reaction of α -Diazo Pyrazoleamides. <i>Journal of the American Chemical Society</i> , 2018, 140, 3299-3305.	13.7	113
51	Gastro-protective effect of edible plant <i>Artemisia argyi</i> in ethanol-induced rats via normalizing inflammatory responses and oxidative stress. <i>Journal of Ethnopharmacology</i> , 2018, 214, 207-217.	4.1	59
52	Genome-wide identification and expression analysis of the BTB domain-containing protein gene family in tomato. <i>Genes and Genomics</i> , 2018, 40, 1-15.	1.4	32
53	An Intelligent Human Behavior-Based Reasoning Model for Service Prediction in Smart Home. <i>IEEE Access</i> , 2018, 6, 68535-68544.	4.2	5
54	Cellular RelB interacts with the transactivator Tat and enhance HIV-1 expression. <i>Retrovirology</i> , 2018, 15, 65.	2.0	8

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55	A novel bioscaffold with naturally-occurring extracellular matrix promotes hepatocyte survival and vessel patency in mouse models of heterologous transplantation. <i>Biomaterials</i> , 2018, 177, 52-66.	11.4	19
56	An Epidemic Model of Computer Worms with Time Delay and Variable Infection Rate. <i>Security and Communication Networks</i> , 2018, 2018, 1-11.	1.5	17
57	5-Formyluracil as a Multifunctional Building Block in Biosensor Designs. <i>Angewandte Chemie</i> , 2018, 130, 9837-9841.	2.0	4
58	5-Formyluracil as a Multifunctional Building Block in Biosensor Designs. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9689-9693.	13.8	17
59	Cenozoic lacustrine stromatolites from the southern margin of the Junggar Basin, NW China and adjacent areas: indicators for palaeoclimatic and tectonic evolution. <i>Geological Journal</i> , 2017, 52, 249-262.	1.3	7
60	Rh(III)-Catalyzed Diastereoselective Annulation of Amides with Quinone Monoacetals: Access to Bridged Nine-Membered Heterocycles via C-H Activation. <i>Organic Letters</i> , 2017, 19, 616-619.	4.6	43
61	Coal Permeability Evolution and Gas Migration Under Non-equilibrium State. <i>Transport in Porous Media</i> , 2017, 118, 393-416.	2.6	63
62	Potential anti-gout constituents as xanthine oxidase inhibitor from the fruits of <i>Stauntonia brachyanthera</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3562-3566.	3.0	25
63	An integrated technology for gas control and green mining in deep mines based on ultra-thin seam mining. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	32
64	Genome-wide identification and functional analysis of S-RNase involved in the self-incompatibility of citrus. <i>Molecular Genetics and Genomics</i> , 2017, 292, 325-341.	2.1	29
65	An R2R3-MYB transcription factor represses the transformation of β - and γ -branch carotenoids by negatively regulating expression of <i>CrBCH2</i> and <i>CrNCED5</i> in flavedo of <i>Citrus reticulata</i> . <i>New Phytologist</i> , 2017, 216, 178-192.	7.3	145
66	New Apatite Fission Track Ages of the Western Kuqa Depression: Implications for the Mesozoic-Cenozoic Tectonic Evolution of South Tianshan, Xinjiang. <i>Acta Geologica Sinica</i> , 2017, 91, 396-413.	1.4	16
67	Combination of Assessment Indicators for Policy Support on Water Scarcity and Pollution Mitigation. <i>Water (Switzerland)</i> , 2016, 8, 203.	2.7	5
68	Hybrid de-noising approach for fiber optic gyroscopes combining improved empirical mode decomposition and forward linear prediction algorithms. <i>Review of Scientific Instruments</i> , 2016, 87, 033305.	1.3	29
69	Cracking Process and Stress Field Evolution in Specimen Containing Combined Flaw Under Uniaxial Compression. <i>Rock Mechanics and Rock Engineering</i> , 2016, 49, 3095-3113.	5.4	67
70	Role of Arrival Time Difference Between Lesions and Lung Tissue on Contrast-Enhanced Sonography in the Differential Diagnosis of Subpleural Pulmonary Lesions. <i>Journal of Ultrasound in Medicine</i> , 2016, 35, 1523-1532.	1.7	16
71	Clock Gene <i>Bmal1</i> Modulates Human Cartilage Gene Expression by Crosstalk With <i>Sirt1</i> . <i>Endocrinology</i> , 2016, 157, 3096-3107.	2.8	56
72	Application of Contrast-Enhanced Sonography for Diagnosis of Space-Occupying Lesions in the Extrahepatic Bile Duct. <i>Journal of Ultrasound in Medicine</i> , 2016, 35, 29-35.	1.7	1

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73	Effects of hindlimb unloading on neurotrophins in the rat spinal cord and soleus muscle. Brain Research, 2016, 1630, 1-9.	2.2	7
74	The upconversion and enhanced visible light photocatalytic activity of Er ³⁺ -doped tetragonal BiVO ₄ . RSC Advances, 2015, 5, 7324-7329.	3.6	22
75	Carboxymethylated hyperbranched polysaccharide: Synthesis, solution properties, and fabrication of hydrogel. Carbohydrate Polymers, 2015, 128, 179-187.	10.2	29
76	Oligocene clockwise rotations along the eastern Pamir: Tectonic and paleogeographic implications. Tectonics, 2014, 33, 53-66.	2.8	38
77	Source contributions of PAHs and toxicity in reed wetland soils of Liaohe estuary using a CMB ⁺ TEQ method. Science of the Total Environment, 2014, 490, 199-204.	8.0	61
78	Ecological Risk and Health Risk Assessment of Dioxin-like PCBs in Liaohe Estuarine Wetland Soils, China. Polycyclic Aromatic Compounds, 2014, 34, 425-438.	2.6	9
79	Bipolar π -conjugation interrupted host polymers by metal-free superacid-catalyzed polymerization for single-layer electrophosphorescent diodes. RSC Advances, 2014, 4, 50027-50034.	3.6	8
80	Concentration, Source, and Carcinogenic Risk of PAHs in the Soils from Jiaozhou Bay Wetland. Polycyclic Aromatic Compounds, 2014, 34, 439-451.	2.6	5
81	Enhanced photocatalytic of N/F-doped-NaTaO ₃ photocatalyst synthesized by hydrothermal method. Journal of Materials Science: Materials in Electronics, 2014, 25, 3807-3815.	2.2	12
82	Carcinogenic and mutagenic potencies for different PAHs sources in coastal sediments of Shandong Peninsula. Marine Pollution Bulletin, 2014, 84, 418-423.	5.0	36
83	Cancer risk of polycyclic aromatic hydrocarbons (PAHs) in the soils from Jiaozhou Bay wetland. Chemosphere, 2014, 112, 289-295.	8.2	112
84	Source to sink relations between the Tian Shan and Junggar Basin (northwest China) from Late Palaeozoic to Quaternary: evidence from detrital U ²³⁵ /Pb zircon geochronology. Basin Research, 2013, 25, 219-240.	2.7	130
85	Diagnostic Ratios and Positive Matrix Factorization to Identify Potential Sources of PAHs in Sediments of the Rizhao Offshore, China. Polycyclic Aromatic Compounds, 2013, 33, 161-172.	2.6	20
86	Highly efficient pure white polymer light-emitting devices based on poly(N-vinylcarbazole) doped with blue and red phosphorescent dyes. Science China Chemistry, 2011, 54, 671-677.	8.2	8
87	Joint Subcarrier Pairing, Relay Selection and Power Allocation in OFDM Relay Systems. , 2011, , .		7
88	Relative n-widths of periodic convolution classes with NCVD-kernel and B-kernel. Science China Mathematics, 2010, 53, 165-172.	1.7	0
89	Research on CCD Infrared Image Method. , 2010, , .		0
90	Joint Uplink and Downlink Relay Selection in Cooperative Cellular Networks. , 2010, , .		8

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91	Research and Implementation of Watershed Segmentation Algorithm Based on CCD Infrared Images. , 2010, , .		2
92	Methodology for Attitudes Precisely Testing of Rolling Projectiles. , 2010, , .		0
93	The design and development of computer network quality course website. , 2010, , .		1
94	Origin of the enhanced open-circuit voltage in polymer solar cells via interfacial modification using conjugated polyelectrolytes. Journal of Materials Chemistry, 2010, 20, 2617.	6.7	222
95	Joint relay selection and link adaptation for distributed beamforming in regenerative cooperative networks. , 2010, , .		1
96	Enhanced open-circuit voltage in polymer solar cells. Applied Physics Letters, 2009, 95, .	3.3	124
97	Novel Red Light-Emitting Fluorene-Carbazole Copolymers with Carbazole Graft Cyclometalated Ir Complexes. Macromolecular Chemistry and Physics, 2009, 210, 457-466.	2.2	13
98	Air movement preferences observed in naturally ventilated buildings in humid subtropical climate zone in China. International Journal of Biometeorology, 2009, 53, 563-573.	3.0	12
99	Linear numerical calculation method for obtaining critical point, pore fluid, and framework parameters of gas-bearing media. Applied Geophysics, 2009, 6, 319-326.	0.6	2
100	Novel green-light-emitting hyperbranched polymers with iridium complex as core and 3,6-carbazole-co-2,6-pyridine unit as branch. Journal of Materials Chemistry, 2009, 19, 531-537.	6.7	53
101	Molecular design of efficient white-light-emitting fluorene-based copolymers by mixing singlet and triplet emission. Journal of Polymer Science Part A, 2008, 46, 453-463.	2.3	49
102	Effect of $\hat{1}$ and $\hat{2}$ nucleating agents on the fracture behavior of polypropylene-co-ethylene. Journal of Applied Polymer Science, 2008, 108, 591-597.	2.6	10
103	The $\hat{2}$ Phase of Isotactic Polypropylene in TPVs Based on PP/EPDM. Journal of Macromolecular Science - Physics, 2007, 46, 841-852.	1.0	10
104	Fluorene-Based Single-Chain Copolymers for Color-Stable White Light-Emitting Diodes. Macromolecular Chemistry and Physics, 2007, 208, 988-993.	2.2	29
105	Novel light-emitting electrophosphorescent copolymers based on carbazole with an Ir complex on the backbone. Journal of Materials Chemistry, 2007, 17, 2824.	6.7	55