

Huan Chen

List of Publications by Year in descending order

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146
papers

3,938
citations

101543

36
h-index

175258

52
g-index

150
all docs

150
docs citations

150
times ranked

5212
citing authors

#	ARTICLE	IF	CITATIONS
1	A genomic and epigenomic atlas of prostate cancer in Asian populations. <i>Nature</i> , 2020, 580, 93-99.	27.8	183
2	Adsorptive fractionation of dissolved organic matter (DOM) by mineral soil: Macroscale approach and molecular insight. <i>Organic Geochemistry</i> , 2017, 103, 113-124.	1.8	102
3	Prey bacteria shape the community structure of their predators. <i>ISME Journal</i> , 2011, 5, 1314-1322.	9.8	98
4	Bismuth Subcarbonate with Designer Defects for Broad-Spectrum Photocatalytic Nitrogen Fixation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25321-25328.	8.0	97
5	Sunlight creates oxygenated species in water-soluble fractions of Deepwater horizon oil. <i>Journal of Hazardous Materials</i> , 2014, 280, 636-643.	12.4	83
6	Water usage for natural gas production through hydraulic fracturing in the United States from 2008 to 2014. <i>Journal of Environmental Management</i> , 2016, 170, 152-159.	7.8	78
7	The noncoding RNA HOXD-AS1 is a critical regulator of the metastasis and apoptosis phenotype in human hepatocellular carcinoma. <i>Molecular Cancer</i> , 2017, 16, 125.	19.2	76
8	Mir-34a Is Upregulated during Liver Regeneration in Rats and Is Associated with the Suppression of Hepatocyte Proliferation. <i>PLoS ONE</i> , 2011, 6, e20238.	2.5	73
9	PTI and ETI: convergent pathways with diverse elicitors. <i>Trends in Plant Science</i> , 2022, 27, 113-115.	8.8	72
10	miR-376a suppresses proliferation and induces apoptosis in hepatocellular carcinoma. <i>FEBS Letters</i> , 2012, 586, 2396-2403.	2.8	70
11	Heterogeneous source components of intraplate basalts from NE China induced by the ongoing Pacific slab subduction. <i>Earth and Planetary Science Letters</i> , 2017, 459, 208-220.	4.4	67
12	4 Years after the <i>Deepwater Horizon</i> Spill: Molecular Transformation of Macondo Well Oil in Louisiana Salt Marsh Sediments Revealed by FT-ICR Mass Spectrometry. <i>Environmental Science & Technology</i> , 2016, 50, 9061-9069.	10.0	66
13	Fractionation and mobility risks of heavy metals and metalloids in wastewater-irrigated agricultural soils from greenhouses and fields in Gansu, China. <i>Geoderma</i> , 2018, 328, 1-9.	5.1	64
14	All-solid-state Z-scheme Co ₉ S ₈ /graphitic carbon nitride photocatalysts for simultaneous reduction of Cr(VI) and oxidation of 2,4-dichlorophenoxyacetic acid under simulated solar irradiation. <i>Chemical Engineering Journal</i> , 2019, 360, 1188-1198.	12.7	63
15	Water Content and Oxygen Isotopic Composition of Alkali Basalts from the Taihang Mountains, China: Recycled Oceanic Components in the Mantle Source. <i>Journal of Petrology</i> , 2015, 56, 681-702.	2.8	60
16	Down-Regulation of MiR-127 Facilitates Hepatocyte Proliferation during Rat Liver Regeneration. <i>PLoS ONE</i> , 2012, 7, e39151.	2.5	60
17	Design and Synthesis of Cyclopropylamide Analogues of Combretastatin-A4 as Novel Microtubule-Stabilizing Agents. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 685-699.	6.4	58
18	<i>Halobacteriovorax</i>, an underestimated predator on bacteria: potential impact relative to viruses on bacterial mortality. <i>ISME Journal</i> , 2016, 10, 491-499.	9.8	58

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19	Impact of extracellular polymeric substances on the settlement ability of aerobic granular sludge. <i>Environmental Technology (United Kingdom)</i> , 2010, 31, 1601-1612.	2.2	57
20	Changing recycled oceanic components in the mantle source of the Shuangliao Cenozoic basalts, NE China: New constraints from water content. <i>Tectonophysics</i> , 2015, 650, 113-123.	2.2	56
21	MicroRNA-127 Post-Transcriptionally Downregulates Sept7 and Suppresses Cell Growth in Hepatocellular Carcinoma Cells. <i>Cellular Physiology and Biochemistry</i> , 2014, 33, 1537-1546.	1.6	54
22	Metal-free 2D/2D heterojunction of covalent triazine-based frameworks/graphitic carbon nitride with enhanced interfacial charge separation for highly efficient photocatalytic elimination of antibiotic pollutants. <i>Journal of Hazardous Materials</i> , 2020, 391, 122204.	12.4	54
23	Total synthesis of atropurpuran. <i>Nature Communications</i> , 2016, 7, 12183.	12.8	52
24	Control wildfire-induced <i>Microcystis aeruginosa</i> blooms by copper sulfate: Trade-offs between reducing algal organic matter and promoting disinfection byproduct formation. <i>Water Research</i> , 2019, 158, 227-236.	11.3	52
25	Partial melting control of water contents in the Cenozoic lithospheric mantle of the Cathaysia block of South China. <i>Chemical Geology</i> , 2014, 380, 7-19.	3.3	49
26	Visible-light photocatalytic degradation of bisphenol A using cobalt-to-oxygen doped graphitic carbon nitride with nitrogen vacancies via metal-to-ligand charge transfer. <i>Journal of Hazardous Materials</i> , 2020, 384, 121247.	12.4	48
27	Stereoselective and Divergent Construction of \hat{I}^2 -Thiolated/Selenolated Amino Acids via Photoredox-Catalyzed Asymmetric Giese Reaction. <i>Journal of the American Chemical Society</i> , 2020, 142, 14201-14209.	13.7	48
28	Spatial variation of multiple air pollutants and their potential contributions to all-cause, respiratory, and cardiovascular mortality across China in 2015â€“2016. <i>Atmospheric Environment</i> , 2017, 168, 23-35.	4.1	46
29	A small predatory core genome in the divergent marine <i>Bacteriovorax marinus</i> SJ and the terrestrial <i>Bdellovibrio bacteriovorus</i> . <i>ISME Journal</i> , 2013, 7, 148-160.	9.8	43
30	Molecular-Level Characterization of Oil-Soluble Ketone/Aldehyde Photo-Oxidation Products by Fourier Transform Ion Cyclotron Resonance Mass Spectrometry Reveals Similarity Between Microcosm and Field Samples. <i>Environmental Science & Technology</i> , 2019, 53, 6887-6894.	10.0	43
31	Microplastics interaction with terrestrial plants and their impacts on agriculture. <i>Journal of Environmental Quality</i> , 2021, 50, 1024-1041.	2.0	43
32	Recycled oceanic crust and marine sediment in the source of alkali basalts in Shandong, eastern China: Evidence from magma water content and oxygen isotopes. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 8281-8303.	3.4	41
33	Predatory <i>Bacteriovorax</i> Communities Ordered by Various Prey Species. <i>PLoS ONE</i> , 2012, 7, e34174.	2.5	40
34	SD118-Xanthocillin X (1), a Novel Marine Agent Extracted from <i>Penicillium commune</i> , Induces Autophagy through the Inhibition of the MEK/ERK Pathway. <i>Marine Drugs</i> , 2012, 10, 1345-1359.	4.6	39
35	Wildfire Burn Intensity Affects the Quantity and Speciation of Polycyclic Aromatic Hydrocarbons in Soils. <i>ACS Earth and Space Chemistry</i> , 2018, 2, 1262-1270.	2.7	39
36	One-pot fabrication of a double Z-scheme CeCO ₃ /g-C ₃ N ₄ /CeO ₂ photocatalyst for nitrogen fixation under solar irradiation. <i>Catalysis Science and Technology</i> , 2019, 9, 2849-2857.	4.1	38

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37	Construction of Acetaldehyde-Modified g-C ₃ N ₄ Ultrathin Nanosheets via Ethylene Glycol-Assisted Liquid Exfoliation for Selective Fluorescence Sensing of Ag ⁺ . ACS Applied Materials & Interfaces, 2018, 10, 44624-44633.	8.0	37
38	Characterization of the chemicals used in hydraulic fracturing fluids for wells located in the Marcellus Shale Play. Journal of Environmental Management, 2017, 200, 312-324.	7.8	36
39	Palladium-Catalyzed Stereospecific <i>i>C</i>-Glycosylation of Glycals with Vinyllogous Acceptors. ACS Catalysis, 2019, 9, 2909-2915.</i>	11.2	36
40	Photochemical changes in water accommodated fractions of MC252 and surrogate oil created during solar exposure as determined by FT-ICR MS. Marine Pollution Bulletin, 2016, 104, 262-268.	5.0	34
41	Unprecedented Insights into the Chemical Complexity of Coal Tar from Comprehensive Two-Dimensional Gas Chromatography Mass Spectrometry and Direct Infusion Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. Energy & Fuels, 2015, 29, 641-648.	5.1	33
42	Formation of assimilable organic carbon (AOC) during drinking water disinfection: A microbiological prospect of disinfection byproducts. Environment International, 2020, 135, 105389.	10.0	33
43	MiR-376a and Histone Deacetylation Form A Regulatory Circuitry in Hepatocellular Carcinoma. Cellular Physiology and Biochemistry, 2015, 35, 729-739.	1.6	32
44	Temporal variation of H ₂ O content in the lithospheric mantle beneath the eastern North China Craton: Implications for the destruction of cratons. Gondwana Research, 2015, 28, 276-287.	6.0	32
45	Modeling the carbon-energy-water nexus in a rapidly urbanizing catchment: A general equilibrium assessment. Journal of Environmental Management, 2018, 225, 93-103.	7.8	32
46	Visible light photocatalytic mineralization of bisphenol A by carbon and oxygen dual-doped graphitic carbon nitride. Journal of Colloid and Interface Science, 2019, 540, 97-106.	9.4	32
47	Inhibition of glycogen synthase kinase 3 ameliorates liver ischemia/reperfusion injury via an energy-dependent mitochondrial mechanism. Journal of Hepatology, 2014, 61, 816-824.	3.7	31
48	Two interacting transcriptional coactivators cooperatively control plant immune responses. Science Advances, 2021, 7, eabl7173.	10.3	31
49	Inhibition of GSK-3 β decreases NF- κ B-dependent gene expression and impairs the rat liver regeneration. Journal of Cellular Biochemistry, 2007, 102, 1281-1289.	2.6	29
50	Sharing of Prey: Coinfection of a Bacterium by a Virus and a Prokaryotic Predator. MBio, 2012, 3, e00051-12.	4.1	29
51	Graphitic carbon nitride grown in situ on aldehyde-functionalized γ -Fe ₂ O ₃ : All-solid-state Z-scheme heterojunction for remarkable improvement of photo-oxidation activity. Journal of Colloid and Interface Science, 2019, 548, 284-292.	9.4	29
52	Modeling potential occupational inhalation exposures and associated risks of toxic organics from chemical storage tanks used in hydraulic fracturing using AERMOD. Environmental Pollution, 2017, 224, 300-309.	7.5	28
53	Enhanced photocatalytic disinfection of Escherichia coli K-12 by porous g-C ₃ N ₄ nanosheets: Combined effect of photo-generated and intracellular ROSs. Chemosphere, 2019, 235, 1116-1124.	8.2	28
54	General Equilibrium Analysis of the Cobenefits and Trade-Offs of Carbon Mitigation on Local Industrial Water Use and Pollutants Discharge in China. Environmental Science & Technology, 2019, 53, 1715-1724.	10.0	28

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55	DNA Damage Repair Gene Mutations Are Indicative of a Favorable Prognosis in Colorectal Cancer Treated With Immune Checkpoint Inhibitors. <i>Frontiers in Oncology</i> , 2020, 10, 549777.	2.8	26
56	Fourier Transform Ion Cyclotron Resonance Mass Spectrometry Characterization of Athabasca Oil Sand Process-Affected Waters Incubated in the Presence of Wetland Plants. <i>Energy & Fuels</i> , 2017, 31, 1731-1740.	5.1	25
57	Origin, Reactivity, and Bioavailability of Mercury in Wildfire Ash. <i>Environmental Science & Technology</i> , 2018, 52, 14149-14157.	10.0	25
58	Composition-Dependent Sorptive Fractionation of Anthropogenic Dissolved Organic Matter by Fe(III)-Montmorillonite. <i>Soil Systems</i> , 2018, 2, 14.	2.6	25
59	Crop selection reduces potential heavy metal(loid)s health risk in wastewater contaminated agricultural soils. <i>Science of the Total Environment</i> , 2022, 819, 152502.	8.0	24
60	Characterization of Dissolved Organic Matter from Wildfire-induced <i>Microcystis aeruginosa</i> Blooms controlled by Copper Sulfate as Disinfection Byproduct Precursors Using APPI(-) and ESI(-) FT-ICR MS. <i>Water Research</i> , 2021, 189, 116640.	11.3	23
61	Total Syntheses of (âˆ”)â€šoschizogamine and (âˆ”)â€šHydroxyisochizogamine. <i>Chemistry - A European Journal</i> , 2015, 21, 14602-14607.	3.3	22
62	Prediction of immune checkpoint inhibition with immune oncology-related gene expression in gastrointestinal cancer using a machine learning classifier. , 2020, 8, e000631.		22
63	Unveil the role of dissolved and sedimentary metal(loid)s on bacterial communities and metal resistance genes (MRCs) in an urban river of the Qinghai-Tibet Plateau. <i>Water Research</i> , 2022, 211, 118050.	11.3	22
64	Bi ₂₅ FeO ₄₀ /Bi ₂ O ₂ CO ₃ piezoelectric catalyst with built-in electric fields that was prepared via photochemical self-etching of Bi ₂₅ FeO ₄₀ for 4-chlorophenol degradation. <i>Journal of Cleaner Production</i> , 2022, 341, 130908.	9.3	22
65	Multi-scale Spatial Patterns and Influencing Factors of Rural Poverty: A Case Study in the Liupan Mountain Region, Gansu Province, China. <i>Chinese Geographical Science</i> , 2018, 28, 296-312.	3.0	21
66	Environmental Regulation of the Distribution and Ecology of <i>Bdellovibrio</i> and Like Organisms. <i>Frontiers in Microbiology</i> , 2020, 11, 545070.	3.5	21
67	Applications of comprehensive two-dimensional gas chromatography (GC-Â—Â—GC) inÂstudying the source, transport, andÂfate of petroleum hydrocarbons inÂthe environment. , 2016, , 399-448.		20
68	Dynamics of multiple elements in fast decomposing vegetable residues. <i>Science of the Total Environment</i> , 2018, 616-617, 614-621.	8.0	20
69	A genomic mutation signature predicts the clinical outcomes of immunotherapy and characterizes immunophenotypes in gastrointestinal cancer. <i>Npj Precision Oncology</i> , 2021, 5, 36.	5.4	20
70	Nitrogen Enrichment during Soil Organic Matter Burning and Molecular Evidence of Maillard Reactions. <i>Environmental Science & Technology</i> , 2022, 56, 4597-4609.	10.0	20
71	Traceless Î²-mercaptan-assisted activation of valinyl benzimidazolinones in peptide ligations. <i>Chemical Science</i> , 2018, 9, 1940-1946.	7.4	19
72	Throughfall Dissolved Organic Matter as a Terrestrial Disinfection Byproduct Precursor. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 1603-1613.	2.7	19

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73	Dynamics of dissolved organic matter and disinfection byproduct precursors along a low elevation gradient in woody wetlands - an implication of hydrologic impacts of climate change on source water quality. <i>Water Research</i> , 2020, 181, 115908.	11.3	19
74	Molecular Transformation of Crude Oil Contaminated Soil after Bioelectrochemical Degradation Revealed by FT-ICR Mass Spectrometry. <i>Environmental Science & Technology</i> , 2020, 54, 2500-2509.	10.0	19
75	Niche Partition of <i>Bacteriovorax</i> Operational Taxonomic Units Along Salinity and Temporal Gradients in the Chesapeake Bay Reveals Distinct Estuarine Strains. <i>Microbial Ecology</i> , 2013, 65, 652-660.	2.8	18
76	Synthesis of the atropurpuran A-ring via an organocatalytic asymmetric intramolecular Michael addition. <i>Tetrahedron</i> , 2013, 69, 3141-3148.	1.9	18
77	Coupling of sterically demanding peptides by $\hat{\gamma}^2$ -thiolactone-mediated native chemical ligation. <i>Chemical Science</i> , 2018, 9, 1982-1988.	7.4	18
78	Shadow detection and removal in apple image segmentation under natural light conditions using an ultrametric contour map. <i>Biosystems Engineering</i> , 2019, 184, 142-154.	4.3	18
79	Nuclear Receptor Coactivator 2 Promotes Human Breast Cancer Cell Growth by Positively Regulating the MAPK/ERK Pathway. <i>Frontiers in Oncology</i> , 2019, 9, 164.	2.8	18
80	Detailed Compositional Characterization of the 2014 Bangladesh Furnace Oil Released into the World's Largest Mangrove Forest. <i>Energy & Fuels</i> , 2018, 32, 3232-3242.	5.1	17
81	Relative Contributions of <i>Halobacteriovorax</i> and Bacteriophage to Bacterial Cell Death under Various Environmental Conditions. <i>MBio</i> , 2018, 9, .	4.1	17
82	Downregulation of IL6 Targeted MiR-376b May Contribute to a Positive IL6 Feedback Loop During Early Liver Regeneration in Mice. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 233-242.	1.6	16
83	Robotic-assisted Laparoscopic Radical Prostatectomy From a Single Chinese Center: A Learning Curve Analysis. <i>Urology</i> , 2016, 93, 104-111.	1.0	16
84	Direct electricity production from subaqueous wetland sediments and banana peels using membrane-less microbial fuel cells. <i>Industrial Crops and Products</i> , 2019, 128, 70-79.	5.2	16
85	Comprehensive Analysis of Changes in Crude Oil Chemical Composition during Biosouring and Treatments. <i>Environmental Science & Technology</i> , 2018, 52, 1290-1300.	10.0	15
86	Hurricane resulted in releasing more nitrogenous than carbonaceous disinfection byproduct precursors in coastal watersheds. <i>Science of the Total Environment</i> , 2020, 705, 135785.	8.0	15
87	Speciation and conversion of carbon and nitrogen in young landfill leachate during anaerobic biological pretreatment. <i>Waste Management</i> , 2020, 106, 88-98.	7.4	15
88	Water content of the Xiaogulihe ultrapotassic volcanic rocks, NE China: implications for the source of the potassium-rich component. <i>Science Bulletin</i> , 2015, 60, 1468-1470.	9.0	14
89	Defect Regulating of Few-Layer Antimonene from Acid-Assisted Exfoliation for Enhanced Electrocatalytic Nitrogen Fixation. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 40618-40628.	8.0	14
90	<i>Fremyella diplosiphon</i> as a Biodiesel Agent: Identification of Fatty Acid Methyl Esters via Microwave-Assisted Direct In Situ Transesterification. <i>Bioenergy Research</i> , 2018, 11, 528-537.	3.9	13

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91	Low water treatability efficiency of wildfire-induced dissolved organic matter and disinfection by-product precursors. <i>Water Research</i> , 2020, 184, 116111.	11.3	13
92	Expanding the Analytical Window for Biochar Speciation: Molecular Comparison of Solvent Extraction and Water-Soluble Fractions of Biochar by FT-ICR Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 15365-15372.	6.5	13
93	Draft genome sequences for the obligate bacterial predators <i>Bacteriovorax</i> spp. of four phylogenetic clusters. <i>Standards in Genomic Sciences</i> , 2015, 10, 11.	1.5	12
94	Three-Component Protein Modification Using Mercaptobenzaldehyde Derivatives. <i>Organic Letters</i> , 2019, 21, 3828-3833.	4.6	12
95	Soil Organic Carbon Signature under Impervious Surfaces. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 1785-1792.	2.7	12
96	Classification of the Biogenicity of Complex Organic Mixtures for the Detection of Extraterrestrial Life. <i>Life</i> , 2021, 11, 234.	2.4	12
97	TRIM27 interacts with β -catenin to promote the growth of human renal cancer cells through regulating the NF- κ B pathway. <i>BMC Cancer</i> , 2021, 21, 841.	2.6	12
98	Using watermelon rind and nitrite-containing wastewater for electricity production in a membraneless biocathode microbial fuel cell. <i>Journal of Cleaner Production</i> , 2021, 307, 127306.	9.3	12
99	Germline HLA-B evolutionary divergence influences the efficacy of immune checkpoint blockade therapy in gastrointestinal cancer. <i>Genome Medicine</i> , 2021, 13, 175.	8.2	12
100	Synthetic approach to the functionalized tricyclic core of atropurpuran. <i>Tetrahedron</i> , 2016, 72, 347-353.	1.9	11
101	Integration of an automated identification-quantification pipeline and statistical techniques for pyrolysis GC/MS tracking of the molecular fingerprints of natural organic matter. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 134, 371-380.	5.5	11
102	Fabrication of two-dimensional indium oxide nanosheets with graphitic carbon nitride nanosheets as sacrificial templates. <i>Materials Letters</i> , 2019, 242, 24-27.	2.6	11
103	Augmenting <i>Fremyella diplosiphon</i> Cellular Lipid Content and Unsaturated Fatty Acid Methyl Esters Via Sterol Desaturase Gene Overexpression. <i>Applied Biochemistry and Biotechnology</i> , 2019, 189, 1127-1140.	2.9	11
104	Influence of the subduction of the Pacific plate on the mantle characteristics of South China: Constraints from the temporal geochemical evolution of the Mesozoic basalts in the Jitai Basin. <i>Lithos</i> , 2020, 352-353, 105253.	1.4	11
105	Spatio-temporal changes in dissolved organic matter composition along the salinity gradient of a marsh-influenced estuarine complex. <i>Limnology and Oceanography</i> , 2021, 66, 3040-3054.	3.1	11
106	An Integrated Approach for the Identification of HNF4 α -Centered Transcriptional Regulatory Networks During Early Liver Regeneration. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 2317-2326.	1.6	10
107	Electricity generation from different wetlands: Mechanisms based on dissolved organic matters in membrane-less microbial fuel cells. <i>Chemical Engineering Journal</i> , 2018, 351, 1006-1012.	12.7	10
108	Molecular Comparison of Solid-Phase Extraction and Liquid/Liquid Extraction of Water-Soluble Petroleum Compounds Produced through Photodegradation and Biodegradation by FT-ICR Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 4611-4618.	6.5	10

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109	Hazardous substances as the dominant non-methane volatile organic compounds with potential emissions from liquid storage tanks during well fracturing: A modeling approach. <i>Journal of Environmental Management</i> , 2020, 268, 110715.	7.8	10
110	RNF7 inhibits apoptosis and sunitinib sensitivity and promotes glycolysis in renal cell carcinoma via the SOCS1/JAK/STAT3 feedback loop. <i>Cellular and Molecular Biology Letters</i> , 2022, 27, 36.	7.0	10
111	Liquid-phase hydrogenation of N-nitrosodimethylamine over Pd-Ni supported on CeO ₂ -TiO ₂ : The role of oxygen vacancies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 558, 211-218.	4.7	9
112	Experience of one single surgeon with the first 500 robot-assisted laparoscopic prostatectomy cases in mainland China. <i>Asian Journal of Urology</i> , 2020, 7, 170-176.	1.2	9
113	Impact of Zero-Valent Iron Nanoparticles on <i>Fremyella diplosiphon</i> Transesterified Lipids and Fatty Acid Methyl Esters. <i>ACS Omega</i> , 2020, 5, 12166-12173.	3.5	9
114	Chemical characterization of dissolved organic matter as disinfection byproduct precursors by UV/fluorescence and ESI FT-ICR MS after smoldering combustion of leaf needles and woody trunks of pine (<i>Pinus jeffreyi</i>). <i>Water Research</i> , 2022, 209, 117962.	11.3	9
115	Atmospheric Pressure Photoionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry Characterization of Oil Sand Process-Affected Water in Constructed Wetland Treatment. <i>Energy & Fuels</i> , 2019, 33, 4420-4431.	5.1	8
116	Molecular dynamics of foliar litter and dissolved organic matter during the decomposition process. <i>Biogeochemistry</i> , 2020, 150, 17-30.	3.5	8
117	Characteristics of soil organic matter 14 years after a wildfire: A pyrolysis-gas-chromatography mass spectrometry (Py-GC-MS) study. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020, 152, 104922.	5.5	8
118	Cyanobacteria as a biofuel source: advances and applications. , 2020, , 269-289.		8
119	Coupling sprinkler freshwater irrigation with vegetable species selection as a sustainable approach for agricultural production in farmlands with a history of 50-year wastewater irrigation. <i>Journal of Hazardous Materials</i> , 2021, 414, 125576.	12.4	8
120	An open source computational workflow for the discovery of autocatalytic networks in abiotic reactions. <i>Chemical Science</i> , 2022, 13, 4838-4853.	7.4	8
121	Time-dependent molecular progression and acute toxicity of oil-soluble, interfacially-active, and water-soluble species reveals their rapid formation in the photodegradation of Macondo Well Oil. <i>Science of the Total Environment</i> , 2022, 813, 151884.	8.0	7
122	An integrated approach for the identification of USF1-centered transcriptional regulatory networks during liver regeneration. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 415-423.	1.9	6
123	Sustainable functional urethral reconstruction: Maximizing early continence recovery in robotic-assisted radical prostatectomy. <i>Asian Journal of Urology</i> , 2021, 8, 126-133.	1.2	6
124	CoO x @Coâ€NC Catalyst with Dual Active Centers for Enhanced Oxygen Evolution: Breaking Tradeâ€Off of Particle Size and Metal Loading. <i>Chemistry - A European Journal</i> , 2021, 27, 10657-10665.	3.3	6
125	Genome-wide comparative analysis of ABC systems in the <i>Bdellovibrio</i> -and-like organisms. <i>Gene</i> , 2015, 562, 132-137.	2.2	5
126	Typical oxygen isotope profile of altered oceanic crust recorded in continental intraplate basalts. <i>Journal of Earth Science (Wuhan, China)</i> , 2017, 28, 578-587.	3.2	5

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127	Oxidative phenol-arene and phenol-phenol cross-coupling using periodic acid. <i>Tetrahedron</i> , 2019, 75, 2004-2011.	1.9	5
128	Machine Learning for Identification of Primary Water Concentrations in Mantle Pyroxene. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095191.	4.0	5
129	Children's Evaluation of the Physical Environment Quality in Kindergarten: A Case Study from China. <i>International Journal of Early Childhood</i> , 2018, 50, 175-192.	1.0	4
130	Clinical Benefit of Sorafenib Combined with Paclitaxel and Carboplatin to a Patient with Metastatic Chemotherapy-Refractory Testicular Tumors. <i>Oncologist</i> , 2019, 24, e1437-e1442.	3.7	4
131	Identification of immune checkpoint and cytokine signatures associated with the response to immune checkpoint blockade in gastrointestinal cancers. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 2669-2679.	4.2	4
132	Insights into the hydrated electron generation from UV/aniline: Mechanism and quantum efficiency. <i>Chemosphere</i> , 2022, 287, 132292.	8.2	4
133	Long-term watershed management is an effective strategy to reduce organic matter export and disinfection by-product precursors in source water. <i>International Journal of Wildland Fire</i> , 2019, 28, 804.	2.4	4
134	Alterations in DNA damage response and repair genes as potential biomarkers for immune checkpoint blockade in gastrointestinal cancer. <i>Cancer Biology and Medicine</i> , 2022, 19, 1139-1149.	3.0	4
135	Parental choice of childcare in England: Choosing in phases and the split market. <i>British Educational Research Journal</i> , 2020, 46, 281-300.	2.5	3
136	Short-term therapeutic outcomes of robotic-assisted laparoscopic radical prostatectomy for oligometastatic prostate cancer: a propensity score matching study. <i>Chinese Medical Journal</i> , 2020, 133, 127-133.	2.3	3
137	Discovery of Oxygenated Hydrocarbon Biodegradation Products at a Late-Stage Petroleum Release Site. <i>Energy & Fuels</i> , 2021, 35, 16713-16723.	5.1	3
138	Impacts of haze on the photobleaching of chromophoric dissolved organic matter in surface water. <i>Environmental Research</i> , 2022, 212, 113305.	7.5	3
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