

Xiaoming Wang

List of Publications by Year in descending order

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177
papers

6,602
citations

71102

41
h-index

82547

72
g-index

188
all docs

188
docs citations

188
times ranked

4995
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution magnetostratigraphy of the Neogene Huaitoutala section in the eastern Qaidam Basin on the NE Tibetan Plateau, Qinghai Province, China and its implication on tectonic uplift of the NE Tibetan Plateau. <i>Earth and Planetary Science Letters</i> , 2007, 258, 293-306.	4.4	439
2	Highly Stereoselective Olefin Cyclopropanation of Diazoindoles Catalyzed by a C ₂ -Symmetric Spiroketal Bisphosphine/Au(I) Complex. <i>Journal of the American Chemical Society</i> , 2013, 135, 8197-8200.	13.7	318
3	Cope's Rule, Hypercarnivory, and Extinction in North American Canids. <i>Science</i> , 2004, 306, 101-104.	12.6	281
4	Catalytic Asymmetric Synthesis of Aromatic Spiroketal by SpinPhox/Iridium(I)-Catalyzed Hydrogenation and Spiroketalization of α,β -Bis(2-hydroxyarylidene) Ketones. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 936-940.	13.8	228
5	Aromatic Spiroketal Bisphosphine Ligands: Palladium-Catalyzed Asymmetric Allylic Amination of Racemic Morita-Baylis-Hillman Adducts. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9276-9282.	13.8	186
6	Out of Tibet: Pliocene Woolly Rhino Suggests High-Plateau Origin of Ice Age Megaherbivores. <i>Science</i> , 2011, 333, 1285-1288.	12.6	164
7	A Comparative Investigation: Group 9 Cp [*] M(III)-Catalyzed Formal [4+2] Cycloaddition as an Atom-Economic Approach to Quinazolines. <i>Organic Letters</i> , 2016, 18, 2090-2093.	4.6	143
8	Vertebrate paleontology, biostratigraphy, geochronology, and paleoenvironment of Qaidam Basin in northern Tibetan Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 254, 363-385.	2.3	139
9	Plausible Rh(V) Intermediates in Catalytic C-H Activation Reactions. <i>ACS Catalysis</i> , 2018, 8, 242-257.	11.2	134
10	Spiroketal-Based Diphosphine Ligands in Pd-Catalyzed Asymmetric Allylic Amination of Morita-Baylis-Hillman Adducts: Exceptionally High Efficiency and New Mechanism. <i>Journal of the American Chemical Society</i> , 2014, 136, 405-411.	13.7	133
11	Water vapor-weighted mean temperature and its impact on the determination of precipitable water vapor and its linear trend. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 833-852.	3.3	127
12	Danghe area (western Gansu, China) biostratigraphy and implications for depositional history and tectonics of northern Tibetan Plateau. <i>Earth and Planetary Science Letters</i> , 2003, 208, 253-269.	4.4	107
13	Cp [*] Rh(III)/Bicyclic Olefin Cocatalyzed C-H Bond Amidation by Intramolecular Amide Transfer. <i>Journal of the American Chemical Society</i> , 2017, 139, 6506-6512.	13.7	107
14	Highly Regio- and Enantioselective Alkoxy-carbonylative Amination of Terminal Allenes Catalyzed by a Spiroketal-Based Diphosphine/Pd(II) Complex. <i>Journal of the American Chemical Society</i> , 2015, 137, 15346-15349.	13.7	88
15	Cp [*] Rh ^{III} -Catalyzed Arylation of C(sp ³)-H Bonds. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10280-10283.	13.8	86
16	Two new carnivores from an unusual late Tertiary forest biota in eastern North America. <i>Nature</i> , 2004, 431, 556-559.	27.8	85
17	Combination of Cp [*] Rh ^{III} -Catalyzed C-H Activation and a Wagner-Meerwein-Type Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1381-1384.	13.8	83
18	Phosphate and phytate adsorption and precipitation on ferrihydrite surfaces. <i>Environmental Science: Nano</i> , 2017, 4, 2193-2204.	4.3	81

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19	Palladium-Catalyzed Asymmetric Construction of Vicinal Tertiary and All-Carbon Quaternary Stereocenters by Allylation of β -Ketocarboxyls with Morita-Baylis-Hillman Adducts. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5050-5054.	13.8	79
20	Efficient Synthesis of Arylated Furans by a Sequential Rh-Catalyzed Arylation and Cycloisomerization of Cyclopropenes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1712-1716.	13.8	77
21	Review: Implications of vertebrate fossils for paleo-elevations of the Tibetan Plateau. <i>Global and Planetary Change</i> , 2019, 174, 58-69.	3.5	77
22	The correlation between GNSS-derived precipitable water vapor and sea surface temperature and its responses to El Niño-Southern Oscillation. <i>Remote Sensing of Environment</i> , 2018, 216, 1-12.	11.0	74
23	Stable isotopes in fossil mammals, fish and shells from Kunlun Pass Basin, Tibetan Plateau: Paleo-climatic and paleo-elevation implications. <i>Earth and Planetary Science Letters</i> , 2008, 270, 73-85.	4.4	72
24	Amphicticeps and Amphicyonodon (Arctoidea, Carnivora) from Hsanda Gol Formation, Central Mongolia and Phylogeny of Basal Arctoids with Comments on Zoogeography. <i>American Museum Novitates</i> , 2005, 3483, 1-60.	0.6	71
25	Assessment of Multiple GNSS Real-Time SSR Products from Different Analysis Centers. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 85.	2.9	69
26	Himalayan fossils of the oldest known pantherine establish ancient origin of big cats. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132686.	2.6	68
27	Palladium-Catalyzed Asymmetric Allylic Allylation of Racemic Morita-Baylis-Hillman Adducts. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1116-1119.	13.8	66
28	Practical Asymmetric Catalytic Synthesis of Spiroketal and Chiral Diphosphine Ligands. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2900-2907.	4.3	63
29	Extraordinarily thick-boned fish linked to the aridification of the Qaidam Basin (northern Tibetan) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 13246-13251.</i>	7.1	61
30	A Type of Structurally Adaptable Aromatic Spiroketal Based Chiral Diphosphine Ligands in Asymmetric Catalysis. <i>Accounts of Chemical Research</i> , 2021, 54, 668-684.	15.6	61
31	C4 expansion in the central Inner Mongolia during the latest Miocene and early Pliocene. <i>Earth and Planetary Science Letters</i> , 2009, 287, 311-319.	4.4	57
32	From "third pole" to north pole: a Himalayan origin for the arctic fox. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140893.	2.6	55
33	Cenozoic vertebrate evolution and paleoenvironment in Tibetan Plateau: Progress and prospects. <i>Gondwana Research</i> , 2015, 27, 1335-1354.	6.0	54
34	Cranial functional morphology of fossil dogs and adaptation for durophagy in <i>Borophagus</i> and <i>Epicyon</i> (Carnivora, Mammalia). <i>Journal of Morphology</i> , 2010, 271, 1386-1398.	1.2	53
35	Selective Chain-End Functionalization of Polar Polyethylenes: Orthogonal Reactivity of Carbene and Polar Vinyl Monomers in Their Copolymerization with Ethylene. <i>Journal of the American Chemical Society</i> , 2018, 140, 15635-15640.	13.7	52
36	Locomotive implication of a Pliocene three-toed horse skeleton from Tibet and its paleo-altimetry significance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7374-7378.	7.1	51

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37	Diets and environments of late Cenozoic mammals in the Qaidam Basin, Tibetan Plateau: Evidence from stable isotopes. <i>Earth and Planetary Science Letters</i> , 2012, 333-334, 70-82.	4.4	50
38	Design, synthesis, biological evaluation and cocrystal structures with tubulin of chiral β^2 -lactam bridged combretastatin A-4 analogues as potent antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 144, 817-842.	5.5	50
39	Mio-Pleistocene Zanda Basin biostratigraphy and geochronology, pre-Ice Age fauna, and mammalian evolution in western Himalaya. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 374, 81-95.	2.3	47
40	Determination of zenith hydrostatic delay and its impact on GNSS-derived integrated water vapor. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 2807-2820.	3.1	45
41	New cranial material of <i>Simocyon</i> from China, and its implications for phylogenetic relationship to the red panda (<i>Ailurus</i>). <i>Journal of Vertebrate Paleontology</i> , 1997, 17, 184-198.	1.0	44
42	Construction of All-Carbon Chiral Quaternary Centers through Cu ^I -Catalyzed Enantioselective Reductive Hydroxymethylation of 1,1-Disubstituted Allenes with CO ₂ . <i>Chemistry - A European Journal</i> , 2019, 25, 13874-13878.	3.3	43
43	Asymmetric Deoxygenative Alkynylation of Tertiary Amides Enabled by Iridium/Copper Bimetallic Relay Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26604-26609.	13.8	43
44	Unprecedented Dearomatized Spirocyclopropane in a Sequential Rhodium(III)-Catalyzed C-H Activation and Rearrangement Reaction. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5520-5524.	13.8	42
45	Development of an Improved Model for Prediction of Short-Term Heavy Precipitation Based on GNSS-Derived PWV. <i>Remote Sensing</i> , 2020, 12, 4101.	4.0	41
46	Multiple hereditary osteochondroma in Oligocene <i>Hesperocyon</i> (Carnivora: Canidae). <i>Journal of Vertebrate Paleontology</i> , 1992, 12, 387-394.	1.0	40
47	Diet and environment of a mid-Pliocene fauna from southwestern Himalaya: Paleo-elevation implications. <i>Earth and Planetary Science Letters</i> , 2013, 376, 43-53.	4.4	40
48	Investigation of the performance of real-time BDS-only precise point positioning using the IGS real-time service. <i>GPS Solutions</i> , 2019, 23, 1.	4.3	40
49	A new voxel-based model for the determination of atmospheric weighted mean temperature in GPS atmospheric sounding. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 2045-2060.	3.1	38
50	Phosphate Sorption Speciation and Precipitation Mechanisms on Amorphous Aluminum Hydroxide. <i>Soil Systems</i> , 2019, 3, 20.	2.6	36
51	Molecular-Scale Understanding of Sulfate Exchange from Schwertmannite by Chromate Versus Arsenate. <i>Environmental Science & Technology</i> , 2021, 55, 5857-5867.	10.0	35
52	Dirhodium(II)/Xantphos-Catalyzed Relay Carbene Insertion and Allylic Alkylation Process: Reaction Development and Mechanistic Insights. <i>Journal of the American Chemical Society</i> , 2021, 143, 11799-11810.	13.7	34
53	A new cursorial hyena from Tibet, and analysis of biostratigraphy, paleozoogeography, and dental morphology of <i>Chasmaporthetes</i> (Mammalia, Carnivora). <i>Journal of Vertebrate Paleontology</i> , 2013, 33, 1457-1471.	1.0	33
54	Palladium-catalyzed asymmetric allylic amination: enantioselective synthesis of chiral β^1 -methylene substituted β^2 -aminophosphonates. <i>Organic Chemistry Frontiers</i> , 2017, 4, 271-276.	4.5	32

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55	Model Sensitivity and Use of the Comparative Finite Element Method in Mammalian Jaw Mechanics: Mandible Performance in the Gray Wolf. <i>PLoS ONE</i> , 2011, 6, e19171.	2.5	32
56	A new otter of giant size, <i>Siamogale melilutra</i> sp. nov. (Lutrinae: Mustelidae: Carnivora), from the latest Miocene Shuitangba site in north-eastern Yunnan, south-western China, and a total-evidence phylogeny of lutrines. <i>Journal of Systematic Palaeontology</i> , 2018, 16, 39-65.	1.5	31
57	Uhrf1 regulates germinal center B cell expansion and affinity maturation to control viral infection. <i>Journal of Experimental Medicine</i> , 2018, 215, 1437-1448.	8.5	30
58	Catalytic enantioselective synthesis of cyclopropanes featuring vicinal all-carbon quaternary stereocenters with a CH ₂ F group; study of the influence of C-F-H-N interactions on reactivity. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2960-2968.	4.5	30
59	Synthesis of Polyethylene with In-Chain Unsaturated Ketone and Isolated Ketone Units: Catalyzed Ring-Opening Copolymerization of Cyclopropenone with Ethylene. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12955-12959.	13.8	30
60	Late Neogene environmental changes in the central Himalaya related to tectonic uplift and orbital forcing. <i>Journal of Asian Earth Sciences</i> , 2012, 44, 62-76.	2.3	29
61	Fraction distribution of heavy metals and its relationship with iron in polluted farmland soils around distinct mining areas. <i>Applied Geochemistry</i> , 2021, 130, 104969.	3.0	29
62	An enhanced singular spectrum analysis method for constructing nonsecular model of GPS site movement. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 2193-2211.	3.4	28
63	Real-Time GNSS-Derived PWV for Typhoon Characterizations: A Case Study for Super Typhoon Mangkhut in Hong Kong. <i>Remote Sensing</i> , 2020, 12, 104.	4.0	28
64	Effects of Al substitution on local structure and morphology of lepidocrocite and its phosphate adsorption kinetics. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 276, 109-121.	3.9	27
65	Merging Electron Transfer with 1,2-Metalate Rearrangement: Deoxygenative Arylation of Aromatic Amides with Arylboronic Esters. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17088-17093.	13.8	27
66	Al-substitution-induced defect sites enhance adsorption of Pb ²⁺ on hematite. <i>Environmental Science: Nano</i> , 2019, 6, 1323-1331.	4.3	26
67	Molecular Mechanisms of Lead Binding to Ferrihydrite-Bacteria Composites: ITC, XAFS, and ¹¹⁴ XRF Investigations. <i>Environmental Science & Technology</i> , 2020, 54, 4016-4025.	10.0	26
68	Synthesis of Cyclic Amidines by Iridium-Catalyzed Deoxygenative Reduction of Lactams and Tandem Reaction with Sulfonyl Azides. <i>Organic Letters</i> , 2021, 23, 225-230.	4.6	26
69	Do convergent ecomorphs evolve through convergent morphological pathways? Cranial shape evolution in fossil hyaenids and borophagine canids (Carnivora, Mammalia). <i>Paleobiology</i> , 2011, 37, 470-489.	2.0	25
70	Making Spiroketal-based Diphosphine (SKP) Ligands via a Catalytic Asymmetric Approach. <i>Chinese Journal of Chemistry</i> , 2018, 36, 899-903.	4.9	25
71	Selective hydroboration of unsaturated bonds by an easily accessible heterotopic cobalt catalyst. <i>Nature Communications</i> , 2021, 12, 3813.	12.8	25
72	A new leptarctine (Carnivora: Mustelidae) from the early Miocene of the northern Tibetan Plateau: implications for the phylogeny and zoogeography of basal mustelids. <i>Zoological Journal of the Linnean Society</i> , 2004, 142, 405-421.	2.3	24

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73	Proactive approach for stochastic RCMPSP based on multi-priority rule combinations. <i>International Journal of Production Research</i> , 2015, 53, 1098-1110.	7.5	24
74	Earliest hog-nosed skunk, <i>Conepatus</i> (Mephitidae, Carnivora), from the early Pliocene of Guanajuato, Mexico and origin of South American skunks. <i>Zoological Journal of the Linnean Society</i> , 2008, 154, 386-407.	2.3	23
75	A new basal skunk <i>Martinogale</i> (Carnivora, Mephitinae) from Late Miocene Dove Spring Formation, California, and origin of New World mephitines. <i>Journal of Vertebrate Paleontology</i> , 2005, 25, 936-949.	1.0	22
76	Highly selective synthesis of 6-substituted benzothiophenes by Sc(OTf) ₃ -catalyzed intermolecular cyclization and sulfur migration. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1619-1623.	4.5	22
77	A basal ursine bear (<i>Protarctos abstrusus</i>) from the Pliocene High Arctic reveals Eurasian affinities and a diet rich in fermentable sugars. <i>Scientific Reports</i> , 2017, 7, 17722.	3.3	22
78	Palladium complexes bearing an N-heterocyclic carbene-sulfonamide ligand for cooligomerization of ethylene and polar monomers. <i>Journal of Polymer Science Part A</i> , 2019, 57, 474-477.	2.3	22
79	Late Miocene <i>Promephitis</i> (Carnivora, Mephitidae) from China. <i>Journal of Vertebrate Paleontology</i> , 2004, 24, 721-731.	1.0	21
80	Vertebrate fossils on the roof of the world: Biostratigraphy and geochronology of high-elevation Kunlun Pass Basin, northern Tibetan Plateau, and basin history as related to the Kunlun strike-slip fault. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 411, 46-55.	2.3	21
81	Earliest record of <i>Sinicuon</i> in Zanda Basin, southern Tibet and implications for hypercarnivores in cold environments. <i>Quaternary International</i> , 2015, 355, 3-10.	1.5	21
82	Out of Tibet: an early sheep from the Pliocene of Tibet, <i>Protovis himalayensis</i> , genus and species nov. (Bovidae, Caprini), and origin of Ice Age mountain sheep. <i>Journal of Vertebrate Paleontology</i> , 2016, 36, e1169190.	1.0	21
83	Kombination von Cp*Rh III-aktivierter C-H-Aktivierung mit einer Variante der Wagner-Meerwein-Umlagerung. <i>Angewandte Chemie</i> , 2017, 129, 1401-1405.	2.0	21
84	The Performance of Different Mapping Functions and Gradient Models in the Determination of Slant Tropospheric Delay. <i>Remote Sensing</i> , 2020, 12, 130.	4.0	21
85	Palladium-Catalyzed Asymmetric Construction of Vicinal Tertiary and All-Carbon Quaternary Stereocenters by Allylation of α -Ketocarboxyls with Morita-Baylis-Hillman Adducts. <i>Angewandte Chemie</i> , 2017, 129, 5132-5136.	2.0	20
86	The Speciation of Cd in Cd-Fe Coprecipitates: Does Cd Substitute for Fe in Goethite Structure?. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 2225-2236.	2.7	20
87	An Improved Model for Detecting Heavy Precipitation Using GNSS-Derived Zenith Total Delay Measurements. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 5392-5405.	4.9	20
88	Deoxygenative Cross-Coupling of Aromatic Amides with Polyfluoroarenes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	20
89	Overcoming O-H Insertion to <i>Para</i> -Selective C-H Functionalization of Free Phenols: Rh(II)/Xantphos Catalyzed Geminal Difunctionalization of Diazo Compounds. <i>ACS Central Science</i> , 2022, 8, 581-589.	11.3	20
90	Dinuclear Cobalt Complex-Catalyzed Stereodivergent Semireduction of Alkynes: Switchable Selectivities Controlled by H ₂ O. <i>ACS Catalysis</i> , 2021, 11, 13696-13705.	11.2	19

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91	Numerical Simulation and Forecasting of Water Level for Qinghai Lake Using Multi-Altimeter Data Between 2002 and 2012. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 609-622.	4.9	18
92	Effiziente Synthese von arylierten Furanen durch sequentielle Rhodium-katalysierte Arylierung und Cycloisomerisierung von Cyclopropenen. <i>Angewandte Chemie</i> , 2018, 130, 1728-1732.	2.0	18
93	Into Tibet: An Early Pliocene Dispersal of Fossil Zokor (Rodentia: Spalacidae) from Mongolian Plateau to the Hinterland of Tibetan Plateau. <i>PLoS ONE</i> , 2015, 10, e0144993.	2.5	18
94	Feeding capability in the extinct giant Siamogale melilutra and comparative mandibular biomechanics of living Lutrinae. <i>Scientific Reports</i> , 2017, 7, 15225.	3.3	17
95	Oxidation of Mn(III) Species by Pb(IV) Oxide as a Surrogate Oxidant in Aquatic Systems. <i>Environmental Science & Technology</i> , 2020, 54, 14124-14133.	10.0	17
96	Meta-heuristics for unrelated parallel machines scheduling with random rework to minimize expected total weighted tardiness. <i>Computers and Industrial Engineering</i> , 2020, 145, 106505.	6.3	17
97	3D Object Recognition and Pose Estimation From Point Cloud Using Stably Observed Point Pair Feature. <i>IEEE Access</i> , 2020, 8, 44335-44345.	4.2	17
98	Detecting heavy rainfall using anomaly-based percentile thresholds of predictors derived from GNSS-PWV. <i>Atmospheric Research</i> , 2022, 265, 105912.	4.1	17
99	Incorporation of Pb(II) into hematite during ferrihydrite transformation. <i>Environmental Science: Nano</i> , 2020, 7, 829-841.	4.3	16
100	A neural network-based approach for the detection of heavy precipitation using GNSS observations and surface meteorological data. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2021, 225, 105763.	1.6	16
101	Microstructural Reinforcement in the Canine Enamel of the Hyaenid <i>Crocota crocuta</i> , the Felid <i>Puma concolor</i> and the Late Miocene Canid <i>Borophagus secundus</i> . <i>Journal of Mammalian Evolution</i> , 2005, 12, 379-403.	1.8	15
102	Scheduling rules for two-stage flexible flow shop scheduling problem subject to tail group constraint. <i>International Journal of Production Economics</i> , 2013, 146, 667-678.	8.9	15
103	Helmert-VCE-aided fast-WTLS approach for global ionospheric VTEC modelling using data from GNSS, satellite altimetry and radio occultation. <i>Journal of Geodesy</i> , 2019, 93, 877-888.	3.6	15
104	A new species of crown-antlered deer <i>Stephanocemas</i> (Artiodactyla, Cervidae) from the middle Miocene of Qaidam Basin, northern Tibetan Plateau, China, and a preliminary evaluation of its phylogeny. <i>Zoological Journal of the Linnean Society</i> , 2009, 156, 680-695.	2.3	14
105	Palladium-Catalyzed Asymmetric Allylic Allylation of Racemic Morita-Baylis-Hillman Adducts. <i>Angewandte Chemie</i> , 2017, 129, 1136-1139.	2.0	14
106	Effects of Mn ²⁺ , Ni ²⁺ , and Cu ²⁺ on the Formation and Transformation of Hydrosulfate Green Rust: Reaction Processes and Underlying Mechanisms. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 519-530.	2.7	14
107	Pathogenic CARD11 mutations affect B cell development and differentiation through a noncanonical pathway. <i>Science Immunology</i> , 2019, 4, .	11.9	14
108	Formation and transformation of schwertmannite through direct Fe ³⁺ hydrolysis under various geochemical conditions. <i>Environmental Science: Nano</i> , 2020, 7, 2385-2398.	4.3	14

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109	The first record of the late Miocene <i>Hyaenictitherium hyaenoides</i> Zdansky (Carnivora: Hyaenidae) in Inner Mongolia and an evaluation of the genus. <i>Journal of Vertebrate Paleontology</i> , 2007, 27, 699-708.	1.0	13
110	Methyltransferase Nsd2 Ensures Germinal Center Selection by Promoting Adhesive Interactions between B Cells and Follicular Dendritic Cells. <i>Cell Reports</i> , 2018, 25, 3393-3404.e6.	6.4	13
111	An Improved and Privacy-Preserving Mutual Authentication Scheme with Forward Secrecy in VANETs. <i>Security and Communication Networks</i> , 2021, 2021, 1-12.	1.5	13
112	Synthesis of Chiral Tertiary Difluoromethyl Carbinols by Cu-Catalyzed Asymmetric Propargylation. <i>Chemistry - A European Journal</i> , 2019, 25, 16425-16434.	3.3	12
113	A new genus and species of sabretooth, <i>Oriensmilus liupanensis</i> (Barbourofelinae, Nimravidae). <i>Journal of Systematic Palaeontology</i> , 2020, 18, 783-803.	1.5	12
114	First bone-cracking dog coprolites provide new insight into bone consumption in <i>Borophagus</i> and their unique ecological niche. <i>ELife</i> , 2018, 7, .	6.0	12
115	Highly Regioselective Difluoroalkylation of Butadiene through a Nickel-Catalyzed Tandem Radical Process. <i>ACS Catalysis</i> , 2021, 11, 14848-14853.	11.2	12
116	Carnilestes, A New Primitive Lipotyphlan (Insectivora: Mammalia) From the Early and Middle Paleocene, Nanxiong Basin, China. <i>Journal of Vertebrate Paleontology</i> , 1995, 15, 131-145.	1.0	11
117	Seasonal Multifactor Modelling of Weighted-Mean Temperature for Ground-Based GNSS Meteorology in Hunan, China. <i>Advances in Meteorology</i> , 2017, 2017, 1-13.	1.6	11
118	Beispielloses dearomatisiertes Spirocyclopropan in einer sequenziellen Rhodium(III)-katalysierten C-H-Aktivierung und Umlagerungsreaktion. <i>Angewandte Chemie</i> , 2018, 130, 5618-5622.	2.0	11
119	Transformation of Ni-containing birnessite to tectomanganate: Influence and fate of weakly bound Ni(II) species. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 271, 96-115.	3.9	11
120	Discovery of the upper dentition of <i>Barbourofelis whitfordi</i> (Nimravidae, Carnivora) and an evaluation of the genus in California. <i>Journal of Vertebrate Paleontology</i> , 2010, 30, 244-254.	1.0	10
121	Revocable Key-Aggregate Cryptosystem for Data Sharing in Cloud. <i>Security and Communication Networks</i> , 2017, 2017, 1-11.	1.5	10
122	Modeling of Topside Ionospheric Vertical Scale Height Based on Ionospheric Radio Occultation Measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 4926-4942.	2.4	10
123	Authentication scheme based on smart card in multi-server environment. <i>Wireless Networks</i> , 2020, 26, 855-863.	3.0	10
124	Coupled morphological and structural evolution of Mn ₂ O ₃ to Mn ₂ O ₄ through multistage oriented assembly processes: the role of Mn(III). <i>Environmental Science: Nano</i> , 2020, 7, 238-249.	4.3	10
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