Xiaoming Wang

List of Publications by Year in descending order

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Version: 2024-02-01

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	GNSS-RS Tomography: Retrieval of Tropospheric Water Vapor Fields Using GNSS and RS Observations. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	10
2	Detecting heavy rainfall using anomaly-based percentile thresholds of predictors derived from GNSS-PWV. Atmospheric Research, 2022, 265, 105912.	4.1	17
3	A New Cumulative Anomaly-Based Model for the Detection of Heavy Precipitation Using GNSS-Derived Tropospheric Products. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	6.3	10
4	Deoxygenative Crossâ€Coupling of Aromatic Amides with Polyfluoroarenes. Angewandte Chemie - International Edition, 2022, 61, .	13.8	20
5	Long-Range and Short-Range Structures of Multimetallic Layered Double Hydroxides. Journal of Physical Chemistry C, 2022, 126, 5311-5322.	3.1	10
6	Weighted Mean Temperature Modelling Using Regional Radiosonde Observations for the Yangtze River Delta Region in China. Remote Sensing, 2022, 14, 1909.	4.0	5
7	Overcoming Oâ€“H Insertion to Para-Selective Câ€“H Functionalization of Free Phenols: Rh(II)/Xantphos Catalyzed Geminal Difunctionalization of Diazo Compounds. ACS Central Science, 2022, 8, 581-589.	11.3	20
8	Histone methyltransferase Nsd2 ensures maternalâ€“fetal immune tolerance by promoting regulatory T-cell recruitment. , 2022, 19, 634-643.		6
9	An Investigation of Near Real-Time Water Vapor Tomography Modeling Using Multi-Source Data. Atmosphere, 2022, 13, 752.	2.3	1
10	Efficient synthesis of Î²-substituted amines via combining deoxygenation of amides with photochemical organocatalysis. Cell Reports Physical Science, 2022, 3, 100955.	5.6	10
11	Dragon bones from the heavens: European explorations and early palaeontology in Zanda Basin of Tibet, retracing type locality of Qurliqnoria hundesiensis and Hipparion (Plesiohipparion) zandaense. Historical Biology, 2021, 33, 2216-2227.	1.4	6
12	Synthesis of Cyclic Amidines by Iridium-Catalyzed Deoxygenative Reduction of Lactams and Tandem Reaction with Sulfonyl Azides. Organic Letters, 2021, 23, 225-230.	4.6	26
13	An Improved Model for Detecting Heavy Precipitation Using GNSS-Derived Zenith Total Delay Measurements. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 5392-5405.	4.9	20
14	As(<scp>iii</scp>) adsorptionâ€“oxidation behavior and mechanisms on Cr(<scp>vi</scp>)-incorporated schwertmannite. Environmental Science: Nano, 2021, 8, 1593-1602.	4.3	7
15	A Type of Structurally Adaptable Aromatic Spiroketal Based Chiral Diphosphine Ligands in Asymmetric Catalysis. Accounts of Chemical Research, 2021, 54, 668-684.	15.6	61
16	Molecular-Scale Understanding of Sulfate Exchange from Schwertmannite by Chromate Versus Arsenate. Environmental Science & Technology, 2021, 55, 5857-5867.	10.0	35
17	A New Method for Determining an Optimal Diurnal Threshold of GNSS Precipitable Water Vapor for Precipitation Forecasting. Remote Sensing, 2021, 13, 1390.	4.0	9
18	An Improved and Privacy-Preserving Mutual Authentication Scheme with Forward Secrecy in VANETs. Security and Communication Networks, 2021, 2021, 1-12.	1.5	13

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19	Merging Electron Transfer with 1,2â€Metalate Rearrangement: Deoxygenative Arylation of Aromatic Amides with Arylboronic Esters. Angewandte Chemie, 2021, 133, 17225-17230.	2.0	5
20	Selective hydroboration of unsaturated bonds by an easily accessible heterotopic cobalt catalyst. Nature Communications, 2021, 12, 3813.	12.8	25
21	Merging Electron Transfer with 1,2â€Metalate Rearrangement: Deoxygenative Arylation of Aromatic Amides with Arylboronic Esters. Angewandte Chemie - International Edition, 2021, 60, 17088-17093.	13.8	27
22	Dirhodium(II)/Xantphos-Catalyzed Relay Carbene Insertion and Allylic Alkylation Process: Reaction Development and Mechanistic Insights. Journal of the American Chemical Society, 2021, 143, 11799-11810.	13.7	34
23	Fraction distribution of heavy metals and its relationship with iron in polluted farmland soils around distinct mining areas. Applied Geochemistry, 2021, 130, 104969.	3.0	29
24	Rate-Compatible Codes via Recursive BMST for Content-Sharing in Intelligent Vehicular Network. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3929-3938.	8.0	0
25	H-BPin/KO^tBu Promoted Activation of Cobalt Salt to a Heterotopic Catalyst for Highly Selective Cyclotrimerization of Alkynes. Organic Letters, 2021, 23, 6925-6930.	4.6	4
26	Niâ€Catalyzed Regioselective Hydroarylation of 1â€Arylâ€1,3â€Butadienes with Aryl Halides. Chemistry - A European Journal, 2021, 27, 15903-15907.	3.3	10
27	A new zenith hydrostatic delay model for real-time retrievals of GNSS-PWV. Atmospheric Measurement Techniques, 2021, 14, 6379-6394.	3.1	6
28	Asymmetric Deoxygenative Alkynylation of Tertiary Amides Enabled by Iridium/Copper Bimetallic Relay Catalysis. Angewandte Chemie, 2021, 133, 26808-26813.	2.0	9
29	Asymmetric Deoxygenative Alkynylation of Tertiary Amides Enabled by Iridium/Copper Bimetallic Relay Catalysis. Angewandte Chemie - International Edition, 2021, 60, 26604-26609.	13.8	43
30	A neural network-based approach for the detection of heavy precipitation using GNSS observations and surface meteorological data. Journal of Atmospheric and Solar-Terrestrial Physics, 2021, 225, 105763.	1.6	16
31	Update China geodetic coordinate frame considering plate motion. Satellite Navigation, 2021, 2, .	8.6	7
32	Dinuclear Cobalt Complex-Catalyzed Stereodivergent Semireduction of Alkynes: Switchable Selectivities Controlled by H₂O. ACS Catalysis, 2021, 11, 13696-13705.	11.2	19
33	A new hybrid observation GNSS tomography method combining the real and virtual inverted signals. Journal of Geodesy, 2021, 95, 1.	3.6	7
34	Highly Regioselective Difluoroalkylarylation of Butadiene through a Nickel-Catalyzed Tandem Radical Process. ACS Catalysis, 2021, 11, 14848-14853.	11.2	12
35	Authentication scheme based on smart card in multi-server environment. Wireless Networks, 2020, 26, 855-863.	3.0	10
36	A new genus and species of sabretooth,Oriensmilus liupanensis(Barbourofelinae, Nimravidae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Journal of Systematic Palaeontology, 2020, 18, 783-803.	1.5	12

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37	Transformation of Ni-containing birnessite to tectomanganate: Influence and fate of weakly bound Ni(II) species. Geochimica Et Cosmochimica Acta, 2020, 271, 96-115.	3.9	11
38	Coupled morphological and structural evolution of Î´-MnO₂ to Î±-MnO₂ through multistage oriented assembly processes: the role of Mn(<scp>iii</scp>). Environmental Science: Nano, 2020, 7, 238-249.	4.3	10
39	Realization of an Optimal Dynamic Geodetic Reference Frame in China: Methodology and Applications. Engineering, 2020, 6, 879-897.	6.7	5
40	Oxidation of Mn(III) Species by Pb(IV) Oxide as a Surrogate Oxidant in Aquatic Systems. Environmental Science & Technology, 2020, 54, 14124-14133.	10.0	17
41	An Evaluation of Fengyun-3C Radio Occultation Atmospheric Profiles Over 2015â€“2018. Remote Sensing, 2020, 12, 2116.	4.0	8
42	Assessments of the Retrieval of Atmospheric Profiles from GNSS Radio Occultation Data in Moist Tropospheric Conditions Using Radiosonde Data. Remote Sensing, 2020, 12, 2717.	4.0	4
43	Node-Based Optimization of GNSS Tomography with a Minimum Bounding Box Algorithm. Remote Sensing, 2020, 12, 2744.	4.0	3
44	A New Four-Layer Inverse Scale Height Grid Model of China for Zenith Tropospheric Delay Correction. IEEE Access, 2020, 8, 210171-210182.	4.2	4
45	Development of an Improved Model for Prediction of Short-Term Heavy Precipitation Based on GNSS-Derived PWV. Remote Sensing, 2020, 12, 4101.	4.0	41
46	The Impact of Different Ocean Tide Loading Models on GNSS Estimated Zenith Tropospheric Delay Using Precise Point Positioning Technique. Remote Sensing, 2020, 12, 3080.	4.0	3
47	Meta-heuristics for unrelated parallel machines scheduling with random rework to minimize expected total weighted tardiness. Computers and Industrial Engineering, 2020, 145, 106505.	6.3	17
48	Molecular Mechanisms of Lead Binding to Ferrihydriteâ€“Bacteria Composites: ITC, XAFS, and Î¼-XRF Investigations. Environmental Science & Technology, 2020, 54, 4016-4025.	10.0	26
49	Effects of Al substitution on local structure and morphology of lepidocrocite and its phosphate adsorption kinetics. Geochimica Et Cosmochimica Acta, 2020, 276, 109-121.	3.9	27
50	3D Object Recognition and Pose Estimation From Point Cloud Using Stably Observed Point Pair Feature. IEEE Access, 2020, 8, 44335-44345.	4.2	17
51	Formation and transformation of schwertmannite through direct Fe³⁺ hydrolysis under various geochemical conditions. Environmental Science: Nano, 2020, 7, 2385-2398.	4.3	14
52	Real-Time GNSS-Derived PWV for Typhoon Characterizations: A Case Study for Super Typhoon Mangkhut in Hong Kong. Remote Sensing, 2020, 12, 104.	4.0	28
53	The Performance of Different Mapping Functions and Gradient Models in the Determination of Slant Tropospheric Delay. Remote Sensing, 2020, 12, 130.	4.0	21
54	Incorporation of Pb(<scp>ii</scp>) into hematite during ferrihydrite transformation. Environmental Science: Nano, 2020, 7, 829-841.	4.3	16

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55	The Speciation of Cd in Cdâ€“Fe Coprecipitates: Does Cd Substitute for Fe in Goethite Structure?. ACS Earth and Space Chemistry, 2019, 3, 2225-2236.	2.7	20
56	Synthesis of Polyethylene with Inâ€Chain Î±,Î²â€Unsaturated Ketone and Isolated Ketone Units: Pdâ€Catalyzed Ringâ€Opening Copolymerization of Cyclopropenone with Ethylene. Angewandte Chemie - International Edition, 2019, 58, 12955-12959.	13.8	30
57	Synthesis of Chiral Tertiary Î±,Î±â€Difluoromethyl Carbinols by Cuâ€Catalyzed Asymmetric Propargylation. Chemistry - A European Journal, 2019, 25, 16425-16434.	3.3	12
58	Synthesis of Polyethylene with Inâ€Chain Î±,Î²â€Unsaturated Ketone and Isolated Ketone Units: Pdâ€Catalyzed Ringâ€Opening Copolymerization of Cyclopropenone with Ethylene. Angewandte Chemie, 2019, 131, 13089-13093.	2.0	7
59	Construction of Allâ€Carbon Chiral Quaternary Centers through Cu^Iâ€Catalyzed Enantioselective Reductive Hydroxymethylation of 1,1â€Disubstituted Allenes with CO₂. Chemistry - A European Journal, 2019, 25, 13874-13878.	3.3	43
60	Modeling of Topside Ionospheric Vertical Scale Height Based on Ionospheric Radio Occultation Measurements. Journal of Geophysical Research: Space Physics, 2019, 124, 4926-4942.	2.4	10
61	Investigation of the performance of real-time BDS-only precise point positioning using the IGS real-time service. GPS Solutions, 2019, 23, 1.	4.3	40
62	Phosphate Sorption Speciation and Precipitation Mechanisms on Amorphous Aluminum Hydroxide. Soil Systems, 2019, 3, 20.	2.6	36
63	Al-substitution-induced defect sites enhance adsorption of Pb²⁺ on hematite. Environmental Science: Nano, 2019, 6, 1323-1331.	4.3	26
64	Effects of Mn²⁺, Ni²⁺, and Cu²⁺ on the Formation and Transformation of Hydrosulfate Green Rust: Reaction Processes and Underlying Mechanisms. ACS Earth and Space Chemistry, 2019, 3, 519-530.	2.7	14
65	Formation and Morphology Evolution from Ferrihydrite to Hematite in the Presence of Tartaric Acid. ACS Earth and Space Chemistry, 2019, 3, 562-570.	2.7	9
66	Pathogenic CARD11 mutations affect B cell development and differentiation through a noncanonical pathway. Science Immunology, 2019, 4, .	11.9	14
67	Biostratigraphy, magnetostratigraphy, and geochronology of lower Miocene Aoerban strata in Central Inner Mongolia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 518, 187-205.	2.3	8
68	Palladium complexes bearing an Nâ€heterocyclic carbeneâ€“sulfonamide ligand for cooligomerization of ethylene and polar monomers. Journal of Polymer Science Part A, 2019, 57, 474-477.	2.3	22
69	Helmert-VCE-aided fast-WTLS approach for global ionospheric VTEC modelling using data from GNSS, satellite altimetry and radio occultation. Journal of Geodesy, 2019, 93, 877-888.	3.6	15
70	Review: Implications of vertebrate fossils for paleo-elevations of the Tibetan Plateau. Global and Planetary Change, 2019, 174, 58-69.	3.5	77
71	Using global navigation satellite system data for real-time moisture analysis and forecasting over the Australian region I. The system. Journal of Southern Hemisphere Earth Systems Science, 2019, 69, 161.	1.8	7
72	Unprecedented Dearomatized Spirocyclopropane in a Sequential Rhodium(III)â€Catalyzed Câ”H Activation and Rearrangement Reaction. Angewandte Chemie - International Edition, 2018, 57, 5520-5524.	13.8	42

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73	Effiziente Synthese von arylierten Furanen durch sequentielle Rhodiumâ€katalysierte Arylierung und Cycloisomerisierung von Cyclopropenen. Angewandte Chemie, 2018, 130, 1728-1732.	2.0	18
74	Uhrf1 regulates germinal center B cell expansion and affinity maturation to control viral infection. Journal of Experimental Medicine, 2018, 215, 1437-1448.	8.5	30
75	Beispielloses dearomatisiertes Spirocyclopropan in einer sequenziellen Rhodium(III)â€katalysierten Câ€Hâ€Aktivierung und Umlagerungsreaktion. Angewandte Chemie, 2018, 130, 5618-5622.	2.0	11
76	Notes on the origin of extensive endorheic regions in central and northern Mexico, and some implications for paleozoogeography. Journal of South American Earth Sciences, 2018, 83, 55-67.	1.4	8
77	Efficient Synthesis of Arylated Furans by a Sequential Rhâ€Catalyzed Arylation and Cycloisomerization of Cyclopropenes. Angewandte Chemie - International Edition, 2018, 57, 1712-1716.	13.8	77
78	Fossil canids from the Mehrten Formation, Late Cenozoic of Northern California. Journal of Vertebrate Paleontology, 2018, 38, e1405009.	1.0	4
79	A new otter of giant size,Siamogale melilutrasp. nov. (Lutrinae: Mustelidae: Carnivora), from the latest Miocene Shuitangba site in north-eastern Yunnan, south-western China, and a total-evidence phylogeny of lutrines. Journal of Systematic Palaeontology, 2018, 16, 39-65.	1.5	31
80	Photosynthetic pathway of grass fossils from the upper Miocene Dove Spring Formation, Mojave Desert, California. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 490, 131-140.	2.3	3
81	Design, synthesis, biological evaluation and cocrystal structures with tubulin of chiral Î² -lactam bridged combretastatin A-4 analogues as potent antitumor agents. European Journal of Medicinal Chemistry, 2018, 144, 817-842.	5.5	50
82	Improvement of Reflection Detection Success Rate of GNSS RO Measurements Using Artificial Neural Network. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 760-769.	6.3	8
83	Plausible Rh(V) Intermediates in Catalytic Câ€“H Activation Reactions. ACS Catalysis, 2018, 8, 242-257.	11.2	134
84	A new approach for GNSS tomography from a few GNSS stations. Atmospheric Measurement Techniques, 2018, 11, 3511-3522.	3.1	9
85	Selective Chain-End Functionalization of Polar Polyethylenes: Orthogonal Reactivity of Carbene and Polar Vinyl Monomers in Their Copolymerization with Ethylene. Journal of the American Chemical Society, 2018, 140, 15635-15640.	13.7	52
86	Methyltransferase Nsd2 Ensures Germinal Center Selection by Promoting Adhesive Interactions between B Cells and Follicular Dendritic Cells. Cell Reports, 2018, 25, 3393-3404.e6.	6.4	13
87	Catalytic enantioselective synthesis of cyclopropanes featuring vicinal all-carbon quaternary stereocenters with a CH₂F group; study of the influence of Câ€“Fâ‹¯Hâ€“N interactions on reactivity. Organic Chemistry Frontiers, 2018, 5, 2960-2968.	4.5	30
88	The correlation between GNSS-derived precipitable water vapor and sea surface temperature and its responses to El NiÃ±oâ€“Southern Oscillation. Remote Sensing of Environment, 2018, 216, 1-12.	11.0	74
89	Making Spiroketalâ€based Diphosphine (SKP) Ligands via a Catalytic Asymmetric Approach. Chinese Journal of Chemistry, 2018, 36, 899-903.	4.9	25
90	Assessment of Multiple GNSS Real-Time SSR Products from Different Analysis Centers. ISPRS International Journal of Geo-Information, 2018, 7, 85.	2.9	69

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91	Magnetostratigraphic dating of the late Miocene Baogeda Ula Formation and associated fauna in central Inner Mongolia, northern China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 505, 243-255.	2.3	5
92	First bone-cracking dog coprolites provide new insight into bone consumption in Borophagus and their unique ecological niche. ELife, 2018, 7, .	6.0	12
93	Cp*Rh(III)/Bicyclic Olefin Cocatalyzed Câ€“H Bond Amidation by Intramolecular Amide Transfer. Journal of the American Chemical Society, 2017, 139, 6506-6512.	13.7	107
94	Lis1 Regulates Germinal Center B Cell Antigen Acquisition and Affinity Maturation. Journal of Immunology, 2017, 198, 4304-4311.	0.8	8
95	Palladium-catalyzed asymmetric allylic amination: enantioselective synthesis of chiral Î±-methylene substituted Î²-aminophosphonates. Organic Chemistry Frontiers, 2017, 4, 271-276.	4.5	32
96	Discovery of the fossil otter Enhydritherium terraenovae (Carnivora, Mammalia) in Mexico reconciles a palaeozoogeographic mystery. Biology Letters, 2017, 13, 20170259.	2.3	4
97	Palladiumâ€Catalyzed Asymmetric Construction of Vicinal Tertiary and Allâ€Carbon Quaternary Stereocenters by Allylation of Î²â€Ketocarbonyls with Moritaâ€“Baylisâ€“Hillman Adducts. Angewandte Chemie - International Edition, 2017, 56, 5050-5054.	13.8	79
98	Palladiumâ€Catalyzed Asymmetric Construction of Vicinal Tertiary and Allâ€Carbon Quaternary Stereocenters by Allylation of Î²â€Ketocarbonyls with Moritaâ€“Baylisâ€“Hillman Adducts. Angewandte Chemie, 2017, 129, 5132-5136.	2.0	20
99	Pieces of the puzzle: Lack of significant C4 in the late Miocene of southern California. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 475, 70-79.	2.3	9
100	Palladiumâ€Catalyzed Asymmetric Allylic Allylation of Racemic Moritaâ€“Baylisâ€“Hillman Adducts. Angewandte Chemie, 2017, 129, 1136-1139.	2.0	14
101	Palladiumâ€Catalyzed Asymmetric Allylic Allylation of Racemic Moritaâ€“Baylisâ€“Hillman Adducts. Angewandte Chemie - International Edition, 2017, 56, 1116-1119.	13.8	66
102	Combination of Cp*Rh^{III}â€Catalyzed Câˆ'H Activation and a Wagnerâ€“Meerweinâ€Type Rearrangement. Angewandte Chemie - International Edition, 2017, 56, 1381-1384.	13.8	83
103	Phosphate and phytate adsorption and precipitation on ferrihydrite surfaces. Environmental Science: Nano, 2017, 4, 2193-2204.	4.3	81
104	Kombination von Cp*Rh III â€katalysierter Câ€Hâ€Aktivierung mit einer Variante der Wagnerâ€Meerweinâ€Umlagerung. Angewandte Chemie, 2017, 129, 1401-1405.	2.0	21
105	Feeding capability in the extinct giant Siamogale melilutra and comparative mandibular biomechanics of living Lutrinae. Scientific Reports, 2017, 7, 15225.	3.3	17
106	A basal ursine bear (Protarctos abstrusus) from the Pliocene High Arctic reveals Eurasian affinities and a diet rich in fermentable sugars. Scientific Reports, 2017, 7, 17722.	3.3	22
107	Seasonal Multifactor Modelling of Weighted-Mean Temperature for Ground-Based GNSS Meteorology in Hunan, China. Advances in Meteorology, 2017, 2017, 1-13.	1.6	11
108	Revocable Key-Aggregate Cryptosystem for Data Sharing in Cloud. Security and Communication Networks, 2017, 2017, 1-11.	1.5	10

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109	A new voxel-based model for the determination of atmospheric weighted mean temperature in GPS atmospheric sounding. Atmospheric Measurement Techniques, 2017, 10, 2045-2060.	3.1	38
110	Determination of zenith hydrostatic delay and its impact on GNSS-derived integrated water vapor. Atmospheric Measurement Techniques, 2017, 10, 2807-2820.	3.1	45
111	Public Key Encryption with Keyword Search from Lattices in Multiuser Environments. Mathematical Problems in Engineering, 2016, 2016, 1-7.	1.1	2
112	Water vaporâ€weighted mean temperature and its impact on the determination of precipitable water vapor and its linear trend. Journal of Geophysical Research D: Atmospheres, 2016, 121, 833-852.	3.3	127
113	An enhanced singular spectrum analysis method for constructing nonsecular model of GPS site movement. Journal of Geophysical Research: Solid Earth, 2016, 121, 2193-2211.	3.4	28
114	Out of Tibet: an early sheep from the Pliocene of Tibet, Protovis himalayensis, genus and species nov. (Bovidae, Caprini), and origin of Ice Age mountain sheep. Journal of Vertebrate Paleontology, 2016, 36, e1169190.	1.0	21
115	A Comparative Investigation: Group 9 Cp*M(III)-Catalyzed Formal [4Â+ 2] Cycloaddition as an Atom-Economic Approach to Quinazolines. Organic Letters, 2016, 18, 2090-2093.	4.6	143
116	Highly selective synthesis of 6-substituted benzothiophenes by Sc(OTf)₃-catalyzed intermolecular cyclization and sulfur migration. Organic Chemistry Frontiers, 2016, 3, 1619-1623.	4.5	22
117	The Late MioceneHipparion(Equidae, Perissodactyla) fossils from Baogeda Ula, Inner Mongolia, China. Historical Biology, 2016, 28, 53-68.	1.4	6
118	Pliocene bone-cracking Hyaeninae (Carnivora, Mammalia) from the Zanda Basin, Tibet Autonomous Region, China. Historical Biology, 2016, 28, 69-77.	1.4	8
119	Contributions to vertebrate palaeontology in honour of Yukimitsu Tomida. Historical Biology, 2016, 28, 1-7.	1.4	2
120	Cp*Rh^{III}â€Catalyzed Arylation of C(sp³)ï£¿H Bonds. Angewandte Chemie - International Edition, 2015, 54, 10280-10283.	13.8	86
121	Approximation algorithms for the three-stage flexible flow shop problem with mid group constraint. Expert Systems With Applications, 2015, 42, 3571-3584.	7.6	8
122	Proactive approach for stochastic RCMPSP based on multi-priority rule combinations. International Journal of Production Research, 2015, 53, 1098-1110.	7.5	24
123	Highly Regio- and Enantioselective Alkoxycarbonylative Amination of Terminal Allenes Catalyzed by a Spiroketal-Based Diphosphine/Pd(II) Complex. Journal of the American Chemical Society, 2015, 137, 15346-15349.	13.7	88
124	Earliest record of Sinicuon in Zanda Basin, southern Tibet and implications for hypercarnivores in cold environments. Quaternary International, 2015, 355, 3-10.	1.5	21
125	Cenozoic vertebrate evolution and paleoenvironment in Tibetan Plateau: Progress and prospects. Gondwana Research, 2015, 27, 1335-1354.	6.0	54
126	Into Tibet: An Early Pliocene Dispersal of Fossil Zokor (Rodentia: Spalacidae) from Mongolian Plateau to the Hinterland of Tibetan Plateau. PLoS ONE, 2015, 10, e0144993.	2.5	18

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127	A transitional skunk,Buisnictis metabatossp. nov. (Mephitidae, Carnivora), from Baja California Sur and the role of southern refugia in skunk evolution. Journal of Systematic Palaeontology, 2014, 12, 291-302.	1.5	6
128	Himalayan fossils of the oldest known pantherine establish ancient origin of big cats. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132686.	2.6	68
129	Spiroketal-Based Diphosphine Ligands in Pd-Catalyzed Asymmetric Allylic Amination of Moritaâ€“Baylisâ€“Hillman Adducts: Exceptionally High Efficiency and New Mechanism. Journal of the American Chemical Society, 2014, 136, 405-411.	13.7	133
130	Numerical Simulation and Forecasting of Water Level for Qinghai Lake Using Multi-Altimeter Data Between 2002 and 2012. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 609-622.	4.9	18
131	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. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 411, 46-55.	2.3	21
132	From â€˜third poleâ€™ to north pole: a Himalayan origin for the arctic fox. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140893.	2.6	55
133	Estimation of Mold Remaining Duration Considering Reworks. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2014, 50, 199.	0.5	0
134	Scheduling rules for two-stage flexible flow shop scheduling problem subject to tail group constraint. International Journal of Production Economics, 2013, 146, 667-678.	8.9	15
135	A new cursorial hyena from Tibet, and analysis of biostratigraphy, paleozoogeography, and dental morphology ofChasmaporthetes(Mammalia, Carnivora). Journal of Vertebrate Paleontology, 2013, 33, 1457-1471.	1.0	33
136	Practical Asymmetric Catalytic Synthesis of Spiroketals and Chiral Diphosphine Ligands. Advanced Synthesis and Catalysis, 2013, 355, 2900-2907.	4.3	63
137	Mio-Pleistocene Zanda Basin biostratigraphy and geochronology, pre-Ice Age fauna, and mammalian evolution in western Himalaya. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 374, 81-95.	2.3	47
138	Diet and environment of a mid-Pliocene fauna from southwestern Himalaya: Paleo-elevation implications. Earth and Planetary Science Letters, 2013, 376, 43-53.	4.4	40
139	Mortgaging the future of chinese paleontology. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3201-3201.	7.1	6
140	Highly Stereoselective Olefin Cyclopropanation of Diazooxindoles Catalyzed by a C₂-Symmetric Spiroketal Bisphosphine/Au(I) Complex. Journal of the American Chemical Society, 2013, 135, 8197-8200.	13.7	318
141	Oligocene-Miocene Mammalian Fossils from Hongyazi Basin and Its Bearing on Tectonics of Danghe Nanshan in Northern Tibetan Plateau. PLoS ONE, 2013, 8, e82816.	2.5	8
142	Locomotive implication of a Pliocene three-toed horse skeleton from Tibet and its paleo-altimetry significance. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7374-7378.	7.1	51
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