

Destruction of the North China Craton in the Mesozoic

Annual Review of Earth and Planetary Sciences

47, 173-195

DOI: [10.1146/annurev-earth-053018-060342](https://doi.org/10.1146/annurev-earth-053018-060342)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Cretaceous Episodic Extension in the South China Block, East Asia: Evidence From the Yuechengling Massif of Central South China. <i>Tectonics</i> , 2019, 38, 3675-3702.	1.3	94
2	Age and genesis of the Neoproterozoic Algoma-type banded iron formations from the Dengfeng greenstone belt, southern North China Craton: Geochronological, geochemical and Sm-Nd isotopic constraints. <i>Precambrian Research</i> , 2019, 333, 105437.	1.2	18
3	Characteristics of the lithospheric mantle beneath northeastern Borborema Province, Brazil: Re-Os and HSE constraints on peridotite xenoliths. <i>Journal of South American Earth Sciences</i> , 2019, 96, 102371.	0.6	2
4	Thinning and destruction of the lithospheric mantle root beneath the North China Craton: A review. <i>Earth-Science Reviews</i> , 2019, 196, 102873.	4.0	124
5	Triassic to Middle Jurassic geodynamic evolution of southwestern Gondwana: From a large flat-slab to mantle plume suction in a rollback subduction setting. <i>Earth-Science Reviews</i> , 2019, 194, 125-159.	4.0	74
6	Mesozoic tectono-magmatic response in the East Asian ocean-continent connection zone to subduction of the Paleo-Pacific Plate. <i>Earth-Science Reviews</i> , 2019, 192, 91-137.	4.0	279
7	Geodynamic Evolution of Flat-Slab Subduction of Paleo-Pacific Plate: Constraints From Jurassic Adakitic Lavas in the Hailar Basin, NE China. <i>Tectonics</i> , 2019, 38, 4301-4319.	1.3	55
8	The Metasomatized Mantle beneath the North Atlantic Craton: Insights from Peridotite Xenoliths of the Chidliak Kimberlite Province (NE Canada). <i>Journal of Petrology</i> , 2019, 60, 1991-2024.	1.1	14
9	Development of a Dense Cratonic Keel Prior to the Destruction of the North China Craton: Constraints From Sedimentary Records and Numerical Simulation. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 13192-13206.	1.4	11
10	Mantle xenoliths and host basalts record the Paleo-Asian oceanic materials in the mantle wedge beneath northwest North China Craton. <i>Solid Earth Sciences</i> , 2019, 4, 150-158.	0.8	12
11	Geochemistry, geochronology and Sr-Nd-Hf isotopes of two types of Early Cretaceous granite porphyry dykes in the Sulu orogenic belt, eastern China. <i>Canadian Journal of Earth Sciences</i> , 2020, 57, 249-266.	0.6	26
12	Tectonic nature of the NE Asian continental margin during the Late Jurassic-Early Cretaceous: constraints from the geochronology and geochemistry of igneous rocks in the NE North China Craton. <i>International Geology Review</i> , 2020, 62, 1949-1970.	1.1	10
13	Geochronology and geochemistry of Mesozoic dykes in the Qingchengzi ore field, Liaoning Province, China: Magmatic evolution and implications for ore genesis. <i>Geological Journal</i> , 2020, 55, 5745-5763.	0.6	19
14	Generation of the 105-100 Ma Dagze volcanic rocks in the north Lhasa Terrane by lower crustal melting at different temperature and depth: Implications for tectonic transition. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1257-1272.	1.6	26
15	An experimental study of peridotite dissolution in eclogite-derived melts: Implications for styles of melt-rock interaction in lithospheric mantle beneath the North China Craton. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 278, 157-176.	1.6	22
16	The genesis of high Ba-Sr adakitic rocks: Insights from an Early Cretaceous volcanic suite in the central North China Craton. <i>Geological Journal</i> , 2020, 55, 5398-5416.	0.6	8
17	New insights into the hydrothermal evolution of skarn deposits: A case study of the Dongzhongla Pb-Zn deposit in Tibet, SW China. <i>Journal of Asian Earth Sciences</i> , 2020, 191, 104215.	1.0	3
18	Chronostratigraphic framework of late Mesozoic terrestrial strata in the Hailar-Tamtsag Basin, Northeast China, and its geodynamic implication. <i>Geological Journal</i> , 2020, 55, 5197-5215.	0.6	9

#	ARTICLE	IF	CITATIONS
19	Tectonic transition from oceanic subduction to continental collision: New geochemical evidence from Early-Middle Triassic mafic igneous rocks in southern Liaodong Peninsula, east-central China. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1469-1488.	1.6	20
20	Late Jurassic to early Early Cretaceous tectonic nature on the NE Asian continental margin: Constraints from Mesozoic accretionary complexes. <i>Earth-Science Reviews</i> , 2020, 200, 103042.	4.0	43
21	Initiation of the North China Craton destruction: Constraints from the diamond-bearing alkaline basalts from Lan'gan, China. <i>Gondwana Research</i> , 2020, 80, 228-243.	3.0	10
22	Metasomatized lithospheric mantle for Mesozoic giant gold deposits in the North China craton. <i>Geology</i> , 2020, 48, 169-173.	2.0	85
23	Reconstructing provenance interaction of multiple sediment sources in continental down-warped lacustrine basins: An example from the Bodong area, Bohai Bay Basin, China. <i>Marine and Petroleum Geology</i> , 2020, 113, 104142.	1.5	9
24	Calcium isotope compositions of mantle pyroxenites. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 270, 144-159.	1.6	24
25	Subduction tectonics vs. Plume tectonics—Discussion on driving forces for plate motion. <i>Science China Earth Sciences</i> , 2020, 63, 315-328.	2.3	28
26	Three episodes of Precambrian mafic magmatism in the southern Central Tianshan Block (NW China): Insight into an evolving geodynamic model. <i>Precambrian Research</i> , 2020, 351, 105961.	1.2	10
27	Diachronous onset and polyphase cooling of the Taili-YiwuÅ¼shān metamorphic core complex corridor, NE China, and its relationships to the formation of adjacent extensional basins. <i>Gondwana Research</i> , 2022, 102, 271-298.	3.0	5
28	Origin of arc-like magmatism at fossil convergent plate boundaries: Geochemical insights from Mesozoic igneous rocks in the Middle to Lower Yangtze Valley, South China. <i>Earth-Science Reviews</i> , 2020, 211, 103416.	4.0	17
29	Evolution of Deformation Fabrics Related to Petrogenesis of Upper Mantle Xenoliths Beneath the Baekdusan Volcano. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 831.	0.8	5
30	Review of the regional nomenclature and tectonic setting for mesozoic gold deposits in the Malanyu Anticline area of Eastern Hebei Province, North China. <i>International Geology Review</i> , 2021, 63, 2257-2278.	1.1	4
31	Late Triassic uplift, magmatism and extension of the northern North China block: Mantle signatures in the surface. <i>Earth and Planetary Science Letters</i> , 2020, 547, 116451.	1.8	21
32	Multi-stage Jurassic magmatism in the Liaodong Peninsula: Constraints on crustal evolution beneath the eastern North China Craton. <i>Lithos</i> , 2020, 402-403, 105897.	0.6	4
33	Zircon U-Pb dating reveals Late Jurassic gold mineralization in the Jidong district of the northern North China Craton. <i>Ore Geology Reviews</i> , 2020, 126, 103798.	1.1	5
34	Comparing Orientation Analysis Methods for a Shallow-Water Ocean-Bottom Seismometer Array in the Bohai Sea, China. <i>Bulletin of the Seismological Society of America</i> , 2020, 110, 3174-3184.	1.1	5
35	Flat Subduction Versus Big Mantle Wedge: Contrasting Modes for Deep Hydration and Overriding Craton Modification. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB020018.	1.4	16
36	Receiver Function Velocity Analysis Technique and Its Application to Remove Multiples. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019420.	1.4	3

#	ARTICLE	IF	CITATIONS
37	SIMS U-Pb dating of vein-hosted hydrothermal rutile and carbon isotope of fluids in the Wulong lode gold deposit, NE China: Linking gold mineralization with craton destruction. <i>Ore Geology Reviews</i> , 2020, 127, 103838.	1.1	23
38	Yanshanian Orogeny During North China's Drifting Away From the Trench: Implications of Numerical Models. <i>Tectonics</i> , 2020, 39, e2020TC006350.	1.3	6
39	Geological control of the eastern Great Wall: Mountain-basin relationships in the eastern North China Craton. <i>Gondwana Research</i> , 2020, , .	3.0	3
40	Tectonomagmatic evolution of a Jurassic Cordilleran flare-up along the Korean Peninsula: Geochronological and geochemical constraints from granitoid rocks. <i>Gondwana Research</i> , 2020, 88, 21-44.	3.0	22
41	Peridotite versus pyroxenite input in Mongolian Mesozoic-Cenozoic lavas, and dykes. <i>Lithos</i> , 2020, 376-377, 105747.	0.6	7
42	Architecture and evolution of the lithospheric roots beneath circum-cratonic orogenic beltsâ€”The Xing'an Mongolia Orogenic Belt and its relationship with adjacent North China and Siberian cratonic roots. <i>Lithos</i> , 2020, 376-377, 105798.	0.6	3
43	Cretaceous exhumation of the Triassic intracontinental Xuefengshan Belt: Delayed unroofing of an orogenic plateau across the South China Block?. <i>Tectonophysics</i> , 2020, 793, 228592.	0.9	26
44	Lithosphere Mantle Density of the North China Craton. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB020296.	1.4	16
45	A comparison of oceanic and continental mantle lithosphere. <i>Physics of the Earth and Planetary Interiors</i> , 2020, 309, 106600.	0.7	20
46	Identification of Jurassic mafic arc magmatism in the eastern North China Craton: Geochemical evidence for westward subduction of the Paleo-Pacific slab. <i>Bulletin of the Geological Society of America</i> , 2020, , .	1.6	17
47	Auriferous Quartz Veining Due to CO2 Content Variations and Decompressional Cooling, Revealed by Quartz Solubility, SEM-CL and Fluid Inclusion Analyses (The Linglong Goldfield, Jiaodong). <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 417.	0.8	3
48	Early cretaceous lamprophyre dyke swarms in Jiaodong Peninsula, eastern North China Craton, and implications for mantle metasomatism related to subduction. <i>Lithos</i> , 2020, 368-369, 105593.	0.6	16
49	New Crustal Vs Model Along an Array in Southâ€”East China: Seismic Characters and Paleoâ€”Tethys Continental Amalgamation. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009024.	1.0	11
50	The Qiyugou Au orefield â€” An intrusion-related gold system in the Eastern Qinling ore belt, China: Constraints from SIMS zircon U-Pb, molybdenite Re-Os, sericite 40Ar-39Ar geochronology, in-situ S-Pb isotopes, and mineralogy. <i>Ore Geology Reviews</i> , 2020, 124, 103636.	1.1	19
51	Tracing the genesis of skarnâ€”type iron deposit in central North China Craton: Insights from mineral zoning textures in oreâ€”forming intrusion. <i>Geological Journal</i> , 2020, 55, 6280-6295.	0.6	2
52	New insight into East Asian tectonism since the late Mesozoic inferred from erratic inversions of NW-trending faulting within the Bohai Bay Basin. <i>Gondwana Research</i> , 2022, 102, 17-30.	3.0	14
53	Triassic lithospheric modification of the northern North China Craton: Evidences from the composite Kalaqin Batholith and ultramafic-mafic Heilihe Intrusive Complex in Inner Mongolia. <i>Lithos</i> , 2020, 362-363, 105501.	0.6	6
54	Secular evolution of the lithospheric mantle beneath the northern margin of the North China Craton: Insights from zoned olivine xenocrysts in Early Cretaceous basalts. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 2353-2366.	1.6	4

#	ARTICLE	IF	CITATIONS
55	Emplacement of Young Island Arc Crust Over Older Mantle Along a Cratonic Foreland: Constraints From Multiple Isotopes and Elemental Geochemistry. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018550.	1.4	7
56	Slab Rollback Versus Delamination: Contrasting Fates of Flat-Slab Subduction and Implications for South China Evolution in the Mesozoic. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019164.	1.4	40
57	Upwelling mantle plume and lithospheric delamination beneath the North China Craton. <i>Physics of the Earth and Planetary Interiors</i> , 2020, 306, 106548.	0.7	7
58	Mesozoic intraplate deformation of the central North China Craton: Mechanism and tectonic setting. <i>Journal of Asian Earth Sciences</i> , 2020, 192, 104269.	1.0	11
59	Mesoproterozoic (~1.32 Ga) modification of lithospheric mantle beneath the North China craton caused by break-up of the Columbia supercontinent. <i>Precambrian Research</i> , 2020, 342, 105674.	1.2	18
60	Heterogeneous modification and reactivation of a craton margin beneath the Korean Peninsula from teleseismic travel time tomography. <i>Gondwana Research</i> , 2020, 81, 475-489.	3.0	15
61	Craton destruction links to the interaction between subduction and mid-lithospheric discontinuity: Implications for the eastern North China Craton. <i>Gondwana Research</i> , 2020, 83, 49-62.	3.0	14
62	Material records for Mesozoic destruction of the North China Craton by subduction of the Paleo-Pacific slab. <i>Science China Earth Sciences</i> , 2020, 63, 690-700.	2.3	18
63	Zinc isotopic composition of the lower continental crust estimated from lower crustal xenoliths and granulite terrains. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 276, 92-108.	1.6	12
64	Destruction of the Northern Margin of the North China Craton in Mid-Late Triassic: Evidence from Asthenosphere-Derived Mafic Enclaves in the Jiefangyingzi Granitic Pluton from Chifeng Area, Southern Inner Mongolia. <i>Acta Geologica Sinica</i> , 2020, 94, 1071.	0.8	6
65	Observations and modeling of flat subduction and its geological effects. <i>Science China Earth Sciences</i> , 2020, 63, 1069-1091.	2.3	21
66	Archean basement components and metamorphic overprints of the Rangnim Massif in the northern part of the Korean Peninsula and tectonic implications for the Sino-Korean Craton. <i>Precambrian Research</i> , 2020, 344, 105735.	1.2	18
67	Late Cretaceous mud volcanism in the southwestern Songliao basin records slab rollback of the subducted paleo-Pacific Plate underneath NE China. <i>Journal of Asian Earth Sciences: X</i> , 2020, 3, 100028.	0.6	9
68	The 127 Ma gold mineralization in the Wulong deposit, Liaodong Peninsula, China: Constraints from molybdenite Re-Os, monazite U-Th-Pb, and zircon U-Pb geochronology. <i>Ore Geology Reviews</i> , 2020, 121, 103542.	1.1	36
69	Inhomogeneous thinning of a cratonic lithospheric keel by tectonic extension: The Early Cretaceous Jiaodong Peninsula—Liaodong Peninsula extensional provinces, eastern North China craton. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 159-176.	1.6	11
70	Pyroxenite Xenoliths Record Complex Melt Impregnation in the Deep Lithosphere of the Northwestern North China Craton. <i>Journal of Petrology</i> , 2021, 62, .	1.1	9
71	Lithospheric structure and evolution of the North China Craton: An integrated study of geophysical and xenolith data. <i>Science China Earth Sciences</i> , 2021, 64, 205-219.	2.3	18
72	Tracking decratonization process along a cratonic edge through late Permian to late Triassic magmatic flare-up in northwestern Liaoning, North China Craton. <i>Lithos</i> , 2021, 380-381, 105916.	0.6	2

#	ARTICLE	IF	CITATIONS
73	Magmatic perspective on subduction of Paleo-Pacific plate and initiation of big mantle wedge in East Asia. <i>Earth-Science Reviews</i> , 2021, 213, 103473.	4.0	89
74	Constraining the density evolution during destruction of the lithospheric mantle in the eastern North China Craton. <i>Gondwana Research</i> , 2021, 91, 18-30.	3.0	5
75	Subduction zone processes and crustal growth mechanisms at Pacific Rim convergent margins: modern and ancient analogues. <i>Geological Magazine</i> , 2021, 158, 1-12.	0.9	7
76	Syn-exhumation magmatism in an active continental margin above a continental subduction zone: Evidence from Late Triassic mafic igneous rocks in the southeastern North China Block. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 1267-1282.	1.6	11
77	Tectonic mechanism and evolution of eastern China during the Early Cretaceous: a view from magmatism in the middle to Southern Tan-Lu fault zone. <i>International Geology Review</i> , 2021, 63, 21-46.	1.1	6
78	Late Jurassic high silica granites from the border area between Liaoning and Inner Mongolia: Petrogenesis and tectonic implication. <i>Acta Petrologica Sinica</i> , 2021, 37, 1061-1081.	0.3	0
79	Geochemical Distinction Between Altered Oceanic Basalt- and Seafloor Sediment-Derived Fluids in the Mantle Source of Mafic Igneous Rocks in Southwestern Tianshan, Western China. <i>Journal of Petrology</i> , 2021, 62, .	1.1	8
80	A magmatic-hydrothermal origin of the Xinfang gold deposit, Liaodong Peninsula, China, revealed by <i>in situ</i> ²⁰⁷ Pb/ ²⁰⁶ Pb isotopes and trace element analyses of pyrite. <i>Resource Geology</i> , 2021, 71, 144-160.	0.3	5
81	Early Cretaceous granitoids and gabbro in the Liaodong Peninsula: implications for delamination of the North China Craton and Paleo-Pacific Plate subduction. <i>Mineralogy and Petrology</i> , 2021, 115, 299-322.	0.4	6
82	Petrogenesis of Jurassic Granitoids on Liaodong Peninsula, Northeast China: Constraints on the Evolution of the Mongol-Okhotsk and Pacific Tectonic Regimes. <i>Journal of Earth Science (Wuhan)</i> , 2021, 32, 1-14.	0.78	14
83	Triassic magmatism in Northeast China: Implications for spatiotemporal distribution, continental crustal accretion, and geodynamic evolution. <i>International Geology Review</i> , 2022, 64, 770-798.	1.1	5
84	Middle Jurassic orogeny in the northern North China block. <i>Tectonophysics</i> , 2021, 801, 228713.	0.9	13
85	Oxidation of the deep big mantle wedge by recycled carbonates: Constraints from highly siderophile elements and osmium isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 295, 207-223.	1.6	15
86	Early Cretaceous crust-mantle interaction linked to rollback of the Palaeo-Pacific flat-subducting slab: constraints from the intermediate-felsic volcanic rocks of the northern Great Xing'an Range, NE China. <i>Geological Magazine</i> , 2021, 158, 1617-1638.	0.9	3
87	Episodic Crustal Extension and Contraction Characterizing the Late Mesozoic Tectonics of East China: Evidence From the Jiaodong Peninsula, East China. <i>Tectonics</i> , 2021, 40, e2020TC006318.	1.3	17
88	Reworked early Precambrian basement of the Dunhuang Block (NW China) as revealed by titanite U-Pb dating. <i>Lithos</i> , 2021, 384-385, 105963.	0.6	1
89	Mesozoic intraplate tectonism of East Asia due to flat subduction of a composite terrane slab. <i>Earth-Science Reviews</i> , 2021, 214, 103505.	4.0	39
90	The Horizontal Slab Beneath East Asia and Its Subdued Surface Dynamic Response. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021156.	1.4	20

#	ARTICLE	IF	CITATIONS
91	Precambrian metamorphic crustal basement cannot provide much gold to form giant gold deposits in the Jiaodong Peninsula, China. <i>Precambrian Research</i> , 2021, 354, 106045.	1.2	21
92	Thrust duplexing and transpression in the Yanshan Mountains: Implications for early Mesozoic orogenesis and decratonization of the North China Craton. <i>Basin Research</i> , 2021, 33, 2303-2327.	1.3	6
93	The great Yanshanian metallogenic event of eastern Asia: Consequences from one hundred million years of plate margin geodynamics. <i>Gondwana Research</i> , 2021, 100, 223-250.	3.0	68
94	Iron isotope fractionation in reduced hydrothermal gold deposits: A case study of the Wulong gold deposit, Liaodong Peninsula, East China. <i>American Mineralogist</i> , 2021, 106, 430-442.	0.9	11
95	Plume-driven reocratonization of deep continental lithospheric mantle. <i>Nature</i> , 2021, 592, 732-736.	13.7	57
96	Deep lithosphere of the North China Craton archives the fate of the Paleo-Asian Ocean. <i>Earth-Science Reviews</i> , 2021, 215, 103554.	4.0	10
97	Overview of regional gravity field computation models and application of a novel method in imaging the lithospheric architecture and destruction of the North China Craton. <i>Earth-Science Reviews</i> , 2021, 215, 103548.	4.0	22
98	<i>In situ</i> Reaction-replacement Origin of Hornblendites in the Early Cretaceous Laiyuan Complex, North China Craton, and Implications for its Tectono-magmatic Evolution. <i>Journal of Petrology</i> , 2021, 62, .	1.1	9
99	Lithospheric modification at the onset of the destruction of the North China Craton: Evidence from Late Triassic mafic dykes. <i>Chemical Geology</i> , 2021, 566, 120105.	1.4	5
100	When plateau meets subduction zone: A review of numerical models. <i>Earth-Science Reviews</i> , 2021, 215, 103556.	4.0	25
101	The presence of paleo-Pacific slab beneath northwest North China Craton hinted by low- $\delta^{26}\text{Mg}$ basalts at Wulanhada. <i>Lithos</i> , 2021, 386-387, 106009.	0.6	3
102	Jurassic Igneous Activity in the Yuseong Area on the Southern Margin of the Gyeonggi Massif, Korean Peninsula, and Its Implications for the Tectonic Evolution of Northeast Asia during the Jurassic. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 466.	0.8	7
103	Mantle-derived gold scavenged by bismuth-(tellurium)-rich melts: Evidence from the mesozoic wulong gold deposit in the north china craton. <i>Ore Geology Reviews</i> , 2021, 131, 104047.	1.1	16
104	Geodynamics of decratonization and related magmatism and mineralization in the North China Craton. <i>Science China Earth Sciences</i> , 2021, 64, 1409-1427.	2.3	43
105	Melting Dynamics of Late Cretaceous Lamprophyres in Central Asia Suggest a Mechanism to Explain Many Continental Intraplate Basaltic Suite Magmatic Provinces. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB021663.	1.4	7
106	Cretaceous basin evolution in northeast Asia: tectonic responses to the paleo-Pacific plate subduction. <i>National Science Review</i> , 2022, 9, nwab088.	4.6	33
107	Texture, geochemistry and geochronology of titanite and pyrite: Fingerprint of magmatic-hydrothermal fertile fluids in the Jiaodong Au province. <i>American Mineralogist</i> , 2021, , .	0.9	6
108	Mantle Flow and Dynamics Beneath Central East China: New Insights From <i>P</i> -Wave Anisotropic Tomography. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020070.	1.4	13

#	ARTICLE	IF	CITATIONS
109	PRECISE AGES FOR LODE GOLD MINERALIZATION IN THE XIAOQINLING GOLD FIELD, SOUTHERN MARGIN OF THE NORTH CHINA CRATON: NEW CONSTRAINTS FROM IN SITU U-Pb DATING OF HYDROTHERMAL MONAZITE AND RUTILE. <i>Economic Geology</i> , 2021, 116, 773-786.	1.8	33
110	Mantle micro-block beneath the Indian Ocean and its implications on the continental rift-drift-collision of the Tethyan evolution. <i>Earth-Science Reviews</i> , 2021, 217, 103622.	4.0	3
111	East Asian lithospheric evolution dictated by multistage Mesozoic flat-slab subduction. <i>Earth-Science Reviews</i> , 2021, 217, 103621.	4.0	43
112	Petrogenesis of the 130Ma Taolin granitic intrusion: Implications for the tectonic setting and diversity of Early Cretaceous felsic rocks in the Sulu orogenic belt, eastern China. <i>Journal of Asian Earth Sciences</i> , 2021, 213, 104768.	1.0	0
113	The role of titanite in shaping the geochemistry of amphibolite-derived melts. <i>Lithos</i> , 2021, , 106312.	0.6	2
114	Early Cretaceous basalts record the modification of the North China Craton lithospheric mantle: implications for lithospheric thinning. <i>International Geology Review</i> , 2022, 64, 1330-1346.	1.1	4
115	Multiple enrichment of subcontinental lithospheric mantle with Archean to Mesozoic components: Evidence from the Chicheng ultramafic complex, North China Craton. <i>Gondwana Research</i> , 2021, 94, 201-221.	3.0	5
116	Age and Origin of the Dongping Au-Te Deposit in the North China Craton Revisited: Evidence from Paragenesis, Geochemistry, and In Situ U-Pb Geochronology of Garnet. <i>Economic Geology</i> , 2021, 116, 963-985.	1.8	25
117	Age and provenance of the lithospheric mantle beneath the Chidliak kimberlite province, southern Baffin Island: Implications for the evolution of the North Atlantic Craton. <i>Lithos</i> , 2021, 390-391, 106124.	0.6	3
118	P and S wave tomography of east-central China: insight into past and present mantle dynamics. <i>Tectonophysics</i> , 2021, 809, 228859.	0.9	17
119	Multi-stage mantle accretions and metasomatisms related to peripheral subduction or collision in the northern North China Craton: Evidence from the Nangaoya peridotite xenoliths. <i>Lithos</i> , 2021, 390-391, 106116.	0.6	1
120	Early Cretaceous tectonics across the North Pacific: New insights from multiphase tectonic extension in Eastern Eurasia. <i>Earth-Science Reviews</i> , 2021, 217, 103552.	4.0	35
121	Conditions and processes leading to large-scale gold deposition in the Jiaodong province, eastern China. <i>Science China Earth Sciences</i> , 2021, 64, 1504-1523.	2.3	29
122	Geochronology, geochemistry, and isotope compositions of Grenvillian S-type granites in the North Qinling unit, central China: Petrogenesis and tectonic significance. <i>Precambrian Research</i> , 2021, 360, 106247.	1.2	6
123	Elemental and Nd isotopic compositions of zoned titanite in mafic microgranular enclaves of the Early Cretaceous Sanguliu granitic pluton in the North China Craton: Insights into magma mixing process. <i>Lithos</i> , 2021, 392-393, 106138.	0.6	4
124	Petrogenesis of Early Cretaceous volcanic rocks of the northeastern North China Craton: Constraints from elemental and Sr-Nd-Pb isotope geochemistry. <i>Lithos</i> , 2021, 392-393, 106149.	0.6	4
125	Petrogenesis of coeval shoshonitic and high-K calc-alkaline igneous suites in the Eopyeong granitoids, Taebaeksan Basin, South Korea: Lithospheric thinning-related Early Cretaceous magmatism in the Korean Peninsula. <i>Lithos</i> , 2021, 392-393, 106127.	0.6	5
126	Geodynamic controls on magmatic arc migration and quiescence. <i>Earth-Science Reviews</i> , 2021, 218, 103676.	4.0	38

#	ARTICLE	IF	CITATIONS
127	Resource prediction and assessment based on 3D/4D big data modeling and deep integration in key ore districts of North China. <i>Science China Earth Sciences</i> , 2021, 64, 1590-1606.	2.3	10
128	Origin, Accretion, and Reworking of Continents. <i>Reviews of Geophysics</i> , 2021, 59, e2019RG000689.	9.0	48
129	Extensional tectonics and North China Craton destruction: Insights from the magnetic susceptibility anisotropy (AMS) of granite and metamorphic core complex. <i>Science China Earth Sciences</i> , 2021, 64, 1557-1589.	2.3	14
130	Reviews on the Paleozoic-Mesozoic granitoids and sedimentary rocks in North Korea. <i>Journal of the Geological Society of Korea</i> , 2021, 57, 523-544.	0.3	2
131	Source Composition Controls the Petrogenesis of Jurassic-Cretaceous Adakitic Volcanic Rocks in the Central North China Craton. <i>Journal of Geology</i> , 0, , 000-000.	0.7	0
132	A latest Jurassic A-type granite in the Middle of Inner Mongolia: Petrogenesis and tectonic implications. <i>Lithos</i> , 2021, 394-395, 106167.	0.6	7
133	Tectono-magmatic controls on decratonic gold deposits. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	1.2	7
134	Spatiotemporal evolution of the Jehol Biota: Responses to the North China craton destruction in the Early Cretaceous. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	32
135	Cretaceous igneous activity and tectonic evolution of the northeast Asia including the Korean Peninsula. <i>Journal of the Geological Society of Korea</i> , 2021, 57, 589-614.	0.3	4
136	Spatiotemporal evolution of large igneous provinces and their related rifts in the North China craton: role in craton breakup and destruction. <i>Geological Society Special Publication</i> , 2022, 518, 129-147.	0.8	3
137	The nature and origin of cratons constrained by their surface geology. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 1485-1505.	1.6	19
138	A Newly Discovered Late-Cretaceous East Asian Flat Slab Explains Its Unique Lithospheric Structure and Tectonics. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022103.	1.4	17
139	Nature Versus Nurture: Preservation and Destruction of Archean Cratons. <i>Tectonics</i> , 2021, 40, e2021TC006714.	1.3	12
140	A machine learning approach to tracking crustal thickness variations in the eastern North China Craton. <i>Geoscience Frontiers</i> , 2021, 12, 101195.	4.3	7
141	Geological, fluid inclusion, and O-C-S-Pb-He-Ar isotopic constraints on the genesis of the Honghuagou lode gold deposit, northern North China Craton. <i>Chemie Der Erde</i> , 2021, 81, 125807.	0.8	5
142	Reconstruction of primary alkaline magma composition from mineral archives: Decipher mantle metasomatism by carbonated sediment. <i>Chemical Geology</i> , 2021, 577, 120279.	1.4	5
143	Recycling of crustal materials and implications for lithospheric thinning: Evidence from Mesozoic volcanic rocks in the Hailar-Tamtsag Basin, NE China. <i>Geoscience Frontiers</i> , 2021, 12, 101184.	4.3	8
144	The peridotite deformation cycle in cratons and the deep impact of subduction. <i>Tectonophysics</i> , 2021, 817, 229029.	0.9	8

#	ARTICLE	IF	CITATIONS
145	Petrogenesis and magmatic evolution of the intermediate- to felsic Early Cretaceous Shizhuzi magmatic complex on Liaodong Peninsula, NE China. <i>Lithos</i> , 2021, 398-399, 106338.	0.6	1
146	Late Cretaceous to Early Cenozoic extension in the Lower Yangtze region (East China) driven by Izanagi-Pacific plate subduction. <i>Earth-Science Reviews</i> , 2021, 221, 103790.	4.0	14
147	In situ zircon U Pb dating of Jurassic granitoids in North Korea and its tectonic implications. <i>Lithos</i> , 2021, 398-399, 106346.	0.6	4
148	Geochemical evidence for the Paleo-Pacific plate subduction at ~125 Ma in Eastern China. <i>Lithos</i> , 2021, 398-399, 106259.	0.6	4
149	Late Paleozoic magmatic flare-up in the Nuoergong-Langshan Belt, Alxa Block: Insights into tectonic evolution of the southern Paleo-Asian Ocean. <i>Lithos</i> , 2021, 398-399, 106310.	0.6	2
150	The relationship between gold mineralization, high K calc-alkaline to alkaline volcanic rocks, and A-type granite: Formation of the Daxiyingzi gold deposit in northern North China Craton. <i>Ore Geology Reviews</i> , 2021, 138, 104383.	1.1	3
151	Origin and tectonic implications of Early Cretaceous Siziwangqi volcanic rocks from the North China Craton. <i>Lithos</i> , 2021, 400-401, 106431.	0.6	1
152	Thermo-mechanical destruction of Archean cratonic roots: Insights from the Mesozoic Laiyuan granitoid complex, North China Craton. <i>Lithos</i> , 2021, 400-401, 106394.	0.6	5
153	Coexisting Early Cretaceous arc-type and OIB-type mafic magmatic rocks in the eastern Jiangnan Orogen, South China Block: Implications for paleo-Pacific plate subduction. <i>Lithos</i> , 2021, 400-401, 106421.	0.6	1
154	Formation mechanism of the North-South Gravity Lineament in eastern China. <i>Tectonophysics</i> , 2021, 818, 229074.	0.9	12
155	The relationships among faults, geology and geophysical data in the southwestern Korean Peninsula, including the Haenam area, and their application for the interpretation of earthquakes. <i>Geosciences Journal</i> , 2021, 25, 59-70.	0.6	1
156	Parallel Extension Tectonics: Mechanism of Early Cretaceous thinning and destruction of the lithosphere of the North China Craton. <i>Acta Petrologica Sinica</i> , 2020, 36, 2331-2343.	0.3	4
157	The paleo-Pacific plate subduction and slab roll-back beneath eastern North China Craton: Insights from the Late Mesozoic granitoids in Xingcheng area, western Liaoning Province. <i>Acta Petrologica Sinica</i> , 2020, 36, 2463-2492.	0.3	11
158	IN SITU DATING OF HYDROTHERMAL MONAZITE AND IMPLICATIONS FOR THE GEODYNAMIC CONTROLS ON ORE FORMATION IN THE JIAODONG GOLD PROVINCE, EASTERN CHINA. <i>Economic Geology</i> , 2020, 115, 671-685.	1.8	160
159	Chapter 35: Gold Deposits of the Jiaodong Peninsula, Eastern China. , 2020, , 753-774.		15
160	Chronological and geochemical variations of the late Mesozoic granitoids in the Taihang Mountains and middle-southern Tan-Lu Fault: Implications for lithosphere destruction of the North China Craton. <i>Numerische Mathematik</i> , 2021, 321, 739-787.	0.7	1
161	Gold endowment of the metasomatized lithospheric mantle for giant gold deposits: Insights from lamprophyre dykes. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 316, 21-40.	1.6	23
162	Early Cretaceous uplift of the Jiaobei Terrane: Evidence from the detrital zircon and sediment compositions of sandstones in the Jiaodong Peninsula, China. <i>Geological Journal</i> , 2022, 57, 254-275.	0.6	2

#	ARTICLE	IF	CITATIONS
163	Fluid Geochemistry within the North China Craton: Spatial Variation and Genesis. <i>Geofluids</i> , 2021, 2021, 1-17.	0.3	3
164	Mesozoic suture zone in the East China Sea: Evidence from wide-angle seismic profiles. <i>Tectonophysics</i> , 2021, 820, 229116.	0.9	7
165	Possible occurrence of Palaeoarchean ferropicrite cumulates and ferrobasalts in the Johohatu area of North Singhbhum Craton, eastern India: Evidence for a mantle plume source. <i>Geological Journal</i> , 2021, 56, 5839-5862.	0.6	5
166	Permian to Cretaceous tectonic evolution of the Jiamusi and Songliao blocks in NE China: Transition from the closure of the Paleo-Asian Ocean to the subduction of the Paleo-Pacific Ocean. <i>Gondwana Research</i> , 2022, 103, 371-388.	3.0	12
167	Mixing of cognate magmas as a process for producing high-silica granites: Insights from Guanmenshan Complex in Liaodong Peninsula, China. <i>Lithos</i> , 2021, 406-407, 106495.	0.6	6
168	Origin and Tectonic Implications of Post-Orogenic Lamprophyres in the Sulu Belt of China. <i>Journal of Earth Science (Wuhan, China)</i> , 2020, 31, 1200-1215.	1.1	11
169	The petrogenesis of the Early Cretaceous Sanguliu pluton in the Liaodong Peninsula, NE China: Constrained from the trace-element modelling and Sr-Nd isotopes. <i>Acta Petrologica Sinica</i> , 2020, 36, 3683-3704.	0.3	2
170	New age constraints on the early Jehol Biota of Luanping, northeastern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 585, 110748.	1.0	5
171	Coupling response of the Mesozoic Cenozoic differential evolution of the North China Craton to lithospheric structural transformation. <i>Earth-Science Reviews</i> , 2021, 223, 103859.	4.0	17
172	New geochronology of the Lower Cretaceous in the Luanping Basin, northern Hebei: Age constraints on the development of early Jehol Biota. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 586, 110768.	1.0	7
173	Three periods of gold mineralization in the Liaodong Peninsula, North China Craton. <i>International Geology Review</i> , 0, , 1-19.	1.1	3
174	Early Cretaceous mafic enclaves from the Jiaodong Peninsula of NNE China and what they reveal about lithospheric melts and granodiorite genesis: the Yashan example. <i>International Geology Review</i> , 2022, 64, 2703-2724.	1.1	4
175	Precise ages of gold mineralization and pre-gold hydrothermal activity in the Baiyun gold deposit, northeastern China: in situ U-Pb dating of hydrothermal xenotime and rutile. <i>Mineralium Deposita</i> , 2022, 57, 1001-1022.	1.7	6
176	Petrogenesis of Early Cretaceous granitoids and mafic enclaves from the Jiaodong Peninsula, eastern China: Implications for crust-mantle interaction, tectonic evolution and gold mineralization. <i>Journal of Asian Earth Sciences</i> , 2022, 228, 105096.	1.0	3
177	Magma assembly and evolution of the Early Cretaceous Sanguliu pluton in the Liaodong Peninsula, NE China. <i>Journal of Asian Earth Sciences</i> , 2022, 226, 105077.	1.0	3
178	«»² ©çÿ³âœ°â¹”ä.Žé†æçÿä½œç”: Diqu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Science - Journal of China University of Geosciences, 2021, 46, 4197.	0.1	2
179	Zircon U-Pb dating, Hf isotope characteristics of Late Jurassic granites in eastern Jiaodong Peninsula and their constraints on metallogenetic tectonic setting of gold deposit. <i>Acta Petrologica Sinica</i> , 2022, 38, 41-62.	0.3	1
180	Seismic anisotropy evidence for modified lithosphere below the Bohai Sea region, eastern North China Craton. <i>Tectonophysics</i> , 2022, 823, 229192.	0.9	5

#	ARTICLE	IF	CITATIONS
181	Linking deep CO ₂ outgassing to cratonic destruction. <i>National Science Review</i> , 2022, 9, .	4.6	9
182	Mantle transition zone discontinuities beneath Taiwan and its adjacent areas: Implications for slab subductions. <i>Tectonophysics</i> , 2022, 826, 229248.	0.9	0
183	Reactivated Margin of the Western North China Craton in the Late Cretaceous: Constraints From Zircon (U-Th)/He Thermochronology of Taibai Mountain. <i>Tectonics</i> , 2022, 41, .	1.3	5
184	Paleo-Pacific plate subduction on the eastern Asian margin: Insights from the Jurassic foreland system of the overriding plate. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 2305-2320.	1.6	20
185	Metallogenic potential of the Wulong goldfield, Liaodong Peninsula, China revealed by high-resolution ambient noise tomography. <i>Ore Geology Reviews</i> , 2022, 142, 104704.	1.1	4
186	A synthesis of geochemistry of Mesozoic igneous rocks in NE China and tectonic superposition and transformation of the easternmost Central Asian Orogenic Belt. <i>Journal of Asian Earth Sciences</i> , 2022, 227, 105032.	1.0	5
187	Copper mobilization in the lower continental crust beneath cratonic margins, a Cu isotope perspective. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 322, 43-57.	1.6	11
188	Fossil turtle eggs from the Upper Cretaceous Gaogou Formation, Xiaguan-Gaoqiu Basin, Neixiang County, Henan Province, China: Interpretation of the transformation from aragonite to calcite in fossil turtle eggshell. <i>Cretaceous Research</i> , 2022, 134, 105166.	0.6	4
189	Magma Generation of Magnetite-Rich Intermediate-Mafic Rocks and Its Mantle Processes in the Southwestern Alxa Block, NW China. <i>Journal of Earth Science (Wuhan, China)</i> , 2022, 33, 161-176.	1.1	3
190	Geochronology and geochemistry of the Late Triassic intrusive rocks in the Liaodong Peninsula, NE China: Petrogenesis and implications for early Mesozoic tectonic evolution. <i>International Geology Review</i> , 2023, 65, 219-235.	1.1	2
191	Petrogenesis of Bonai volcanic rocks from Singhbhum Craton (Eastern India): Geophysical and geodynamic implications for pervasive plue-lithospheric interaction. <i>Geosystems and Geoenvironment</i> , 2022, , 100040.	1.7	3
192	Formation of the Qiyugou porphyry gold system in East Qinling, China: insights from timing and source characteristics of Late Mesozoic magmatism. <i>Journal of the Geological Society</i> , 2022, 179, .	0.9	2
193	Dynamics of the Subducted Izanagi-Pacific Plates Since the Mesozoic and Its Implications for the Formation of Big Mantle Wedge Beneath Eastern Asia. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	1
194	Crustal thickness and Poisson's ratios in eastern China estimated jointly by receiver function and gravity data. <i>Geophysical Journal International</i> , 0, , .	1.0	1
195	Lithospheric Conductors Shed Light on the Non-Uniform Destruction of North China Craton. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	4
196	Anisotropic Tomography and Dynamics of the Big Mantle Wedge. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	21
197	The effect of seamount chain subduction and accretion. <i>Geological Journal</i> , 2022, 57, 2712-2734.	0.6	7
198	Phanerozoic Evolution of Lithospheric Structures of the North China Craton. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	4

#	ARTICLE	IF	CITATIONS
199	The Rotation of the Pacific Plate Induced by the Ontong Java Large Igneous Province. <i>Journal of Earth Science (Wuhan, China)</i> , 2022, 33, 544-551.	1.1	7
200	Formation and Evolution of Supradetachment Basins During Continental Extension: Insights From the Fuxin Basin in NE China. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	3
201	Mineral chemistry, geochemistry and geophysical investigations of Simlipal volcanics from Eoarchean Singhbhum Craton (Eastern India): geodynamic implications of pervasive plume-lithosphere interaction. <i>International Journal of Earth Sciences</i> , 2022, 111, 1149-1184.	0.9	4
202	Reworking of continental crust on northeastern North China Craton: Evidence from geochronology and geochemistry of Early Cretaceous granitic rocks. <i>Tectonophysics</i> , 2022, 829, 229306.	0.9	9
203	Multi-Stage Growth in the North Margin of the Qinling Orogen, Central China, Revealed by Both Low-Temperature Thermochronology and River Profile Inversion. <i>Tectonics</i> , 2022, 41, .	1.3	1
204	High Water Contents in Zircons Suggest Water-Fluxed Crustal Melting During Cratonic Destruction. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	1
205	Keel of the eastern North China craton weakened by Proterozoic large igneous provinces. <i>International Geology Review</i> , 2023, 65, 669-681.	1.1	1
206	Carboniferous to Early Permian magmatism in the Uliastai continental margin (Inner Mongolia) and its correlation with the tectonic evolution of the Hegenshan Ocean. <i>Lithos</i> , 2022, 414-415, 106635.	0.6	1
207	Mechanisms of strain localization and nucleation of earthquake faulting by grain-scale processes at the middle crustal level. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 3205-3220.	1.6	0
208	Early Mesozoic polyphase contractional deformation in the Yanshan belt: Implications for the destruction of the north China Craton. <i>Journal of Asian Earth Sciences</i> , 2022, 230, 105181.	1.0	0
209	Mesozoic contractional deformation in central East Asia: Constraints from deformation and sedimentary record of the Helanshan fold and thrust belt, North China Craton. <i>Gondwana Research</i> , 2022, 107, 235-255.	3.0	2
210	Lithospheric thinning of the North China craton: Insights from Early Cretaceous intermediate- to mafic dyke swarms in Jiaodong peninsula. <i>Gondwana Research</i> , 2022, 107, 84-106.	3.0	6
211	Exploration Process and Genesis Mechanism of Deep Geothermal Resources in the North Jiangsu Basin, East China: From Nothing to Something. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	2
212	Oxygen fugacity evolution of the mantle lithosphere beneath the North China Craton. <i>International Geology Review</i> , 0, , 1-16.	1.1	1
213	Distinct Lithospheric Structure in the Xing'an-Mongolian Orogenic Belt. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	12
214	A Late Jurassic A-type granitic-magmatic belt in the westernmost Northeast China and its tectonic implications. <i>Tectonophysics</i> , 2022, , 229339.	0.9	4
215	Styles of Trench-Parallel Mid-Ocean Ridge Subduction Affect Cenozoic Geological Evolution in Circum-Pacific Continental Margins. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	4
216	Migration of Middle-Late Jurassic volcanism across the northern North China Craton in response to subduction of Paleo-Pacific Plate. <i>Tectonophysics</i> , 2022, 833, 229338.	0.9	6

#	ARTICLE	IF	CITATIONS
217	Late Mesozoic intracontinental deformation and magmatism in North and NE China in response to multi-plate convergence in NE Asia: An overview and new view. <i>Tectonophysics</i> , 2022, 835, 229377.	0.9	16
218	Modification of the lithospheric mantle induced by recycled crustal components: Insights from Early Cretaceous apinites from the Liaodong Peninsula, NE China. <i>Bulletin of the Geological Society of America</i> , 2023, 135, 233-248.	1.6	5
219	Geochemical evidence for incorporation of subducting sediment-derived melts into the mantle source of Paleozoic high-Mg andesites from northwestern Tianshan in western China. <i>Bulletin of the Geological Society of America</i> , 2023, 135, 310-330.	1.6	4
220	Cenozoic delamination of the southwestern Yangtze craton owing to densification during subduction and collision. <i>Geology</i> , 2022, 50, 912-917.	2.0	17
221	Cross Orogenic Belts in Central China: Implications for the tectonic and paleogeographic evolution of the East Asian continental collage. <i>Gondwana Research</i> , 2022, 109, 18-88.	3.0	39
222	Emplacement and exhumation history of Mesozoic granitic rocks in the Jiaonan uplift, eastern China. <i>Journal of Asian Earth Sciences</i> , 2022, 234, 105289.	1.0	1
223	Petrogenesis of the Yeonhwa ultrapotassic intrusions in the Yeongnam Massif—Evidence for enrichment of the Triassic continental lithospheric mantle beneath the Korean peninsula. <i>Lithos</i> , 2022, 422-423, 106739.	0.6	0
224	New Constraints on Structures of the Mantle Transition Zone Beneath the Trans-North China Orogen and Western North China Craton Revealed by Receiver Functions. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
225	New Maps of Global Geological Provinces and Tectonic Plates. <i>Earth-Science Reviews</i> , 2022, 231, 104069.	4.0	36
226	Geochronological and Geochemical Constraints on the Petrogenesis of Lamprophyre from the Giant Weishan REE Deposit in China. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 706.	0.8	1
227	Upper mantle seismic structure in the Ordos Block, China. <i>Journal of Geodynamics</i> , 2022, 151, 101921.	0.7	1
228	Archean cratonic mantle recycled at a mid-ocean ridge. <i>Science Advances</i> , 2022, 8, .	4.7	30
229	Bi/Te control on gold mineralizing processes in the North China Craton: Insights from the Wulong gold deposit. <i>Mineralium Deposita</i> , 2023, 58, 263-286.	1.7	6
230	Fragmented cratonic mantle within the oceanic lithosphere. <i>Chinese Science Bulletin</i> , 2022, 67, 2976-2978.	0.4	1
231	Metallogeny of the Hunjiang basin, northeastern North China Craton. <i>Ore Geology Reviews</i> , 2022, , 104995.	1.1	0
232	Mantle dynamics of the North China Craton: new insights from mantle transition zone imaging constrained by P-to-S receiver functions. <i>Geophysical Journal International</i> , 0, , .	1.0	2
233	Linking the Jehol Biota Evolution to the Early Cretaceous Volcanism During the North China Craton Destruction: Insights From F, Cl, S, and P. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	3
234	Prolonged grain boundary sliding in naturally deformed calcite marble at the middle crustal level. <i>Journal of Structural Geology</i> , 2022, 161, 104658.	1.0	2

#	ARTICLE	IF	CITATIONS
235	Geochronology, geochemistry and Sr ⁸⁷ -Nd ¹⁴³ -Pb ²⁰⁶ -Hf isotopes of the alkaline carbonatite complex in the Weishan REE deposit, Luxi Block: Constraints on the genesis and tectonic setting of the REE mineralization. <i>Ore Geology Reviews</i> , 2022, 147, 104996.	1.1	4
236	Determination of tectonic and nontectonic vertical motion rates of the North China Craton using dense GPS and GRACE data. <i>Journal of Asian Earth Sciences</i> , 2022, 236, 105314.	1.0	3
237	Mechanisms for phosphorus fluctuation in Phanerozoic volcanic rocks. <i>Lithos</i> , 2022, 424-425, 106764.	0.6	4
238	Symptomatic lithospheric drips triggering fast topographic rise and crustal deformation in the Central Andes. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	7
239	Preface: Pacific Plate Subduction and the Yanshanian Movement in Eastern China. <i>Journal of Earth Science (Wuhan, China)</i> , 2022, 33, 541-543.	1.1	5
240	Genesis of High Ba-Sr Yashan Intrusion from the Jiaodong Peninsula, Eastern China: Implications for the Destruction of the North China Craton. <i>Journal of Earth Science (Wuhan, China)</i> , 2022, 33, 567-580.	1.1	14
241	Fragments of archaic cratonic lithosphere mantle at large. <i>Solid Earth Sciences</i> , 2022, 7, 185-187.	0.8	1
242	Petrogenesis of Mo-associated Mesozoic granitoids on the Jiaodong Peninsula: Implications for crustal architecture and Mo mineralization along the Dabie-Sulu Orogen. <i>Ore Geology Reviews</i> , 2022, 149, 105015.	1.1	3
243	Lithospheric Structure of the South India Precambrian Terrains From Surface Wave Tomography. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	3
244	Late Cretaceous geodynamics of the Palaeo-Pacific plate inferred from basin inversion structures in the Songliao Basin (NE China). <i>Terra Nova</i> , 0, , .	0.9	4
245	Seismic Tomography of the Trans-North China Orogen and Its Dynamic Implications. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	0
246	Earth's one-of-a-kind fault: The Tanlu fault. <i>Terra Nova</i> , 2022, 34, 381-394.	0.9	15
247	Latest Triassic and Late Jurassic extensional tectonics of the Sulu UHP orogenic belt, East China: Evidence from geological and geophysical data. <i>Tectonophysics</i> , 2022, 838, 229473.	0.9	4
248	Splitting a large pluton by Cretaceous crustal extension: Evolution of the Ziyuan Detachment and crustal thinning of the South China Block. <i>Tectonophysics</i> , 2022, 838, 229481.	0.9	4
249	Petrogenesis of early cretaceous intermediate to felsic rocks in Shanghai, South China: Magmatic response to Paleo-Pacific plate subduction. <i>Tectonophysics</i> , 2022, 838, 229469.	0.9	1
250	Geochronology and geochemistry of the granites from the Jiabusi Ta-Nb-(Li-Rb-Cs) deposit at the northern margin of the North China Craton. <i>Ore Geology Reviews</i> , 2022, 147, 104969.	1.1	4
251	Petrogenesis of Jurassic granitic plutons in Liaodong Peninsula, NE China: Insights into the subduction of Paleo-Pacific plate. <i>Journal of Asian Earth Sciences</i> , 2022, 236, 105310.	1.0	6
252	Middle Jurassic intracontinental evolution of East Asia: Insights from the Tianshifu-Dongyingfang basin of the Liaodong Peninsula, NE China. <i>Bulletin of the Geological Society of America</i> , 0, , .	1.6	1

#	ARTICLE	IF	CITATIONS
253	Petrogenesis of Early Cretaceous adakites from the Liaodong Peninsula: insight into the lithospheric thinning of the North China Craton. <i>Geological Magazine</i> , 0, , 1-15.	0.9	0
254	Mesozoic to Cenozoic mineralization in China: Preface. <i>Ore Geology Reviews</i> , 2022, 148, 105052.	1.1	1
255	Late Cretaceous-early Paleogene magmatism in the Gyeongsang basin, southeast Korea and its implications for middle Paleogene climate change. <i>Journal of Asian Earth Sciences</i> , 2022, 237, 105346.	1.0	2
256	The fate of oceanic plateaus: subduction versus accretion. <i>Geophysical Journal International</i> , 2022, 231, 1349-1362.	1.0	3
257	Genesis of the Dongpuzi Gold Deposit in the Liaodong Peninsula, NE China: Constraints from Geology, Fluid Inclusion, and $^{40}\text{Ar}/^{39}\text{Ar}$ and $^{206}\text{Pb}/^{238}\text{U}$ Isotopes. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 1008.	0.8	0
258	Lithospheric mantle provinces and crust-mantle decoupling beneath northeastern China: Insights from peridotite xenoliths. <i>Bulletin of the Geological Society of America</i> , 0, , .	1.6	2
259	Phosphorus Variations in Volcanic Sequences Reveal the Linkage Between Regional Tectonics and Terrestrial Biota Evolution. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	1.0	2
260	Tracing Recycled Crustal Materials in the Subcontinental Lithospheric Mantle Using Thallium Isotopes. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	0
261	High-Pressure and High-Temperature Single-Crystal Elasticity of Cr_2Pyrope : Implications for the Density and Seismic Velocity of Subcontinental Lithospheric Mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	1.0	0
262	Plateau archives of lithosphere dynamics, cryosphere and paleoclimate: The formation of Cretaceous desert basins in east Asia. <i>Geoscience Frontiers</i> , 2022, 13, 101454.	4.3	4
263	Imaging a Decratonized Lithosphere: A Case of the Eastern North China Craton. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	1
264	The Role of Pre-existing Weaknesses in Intraplate Metamorphic Core Complex Formation during Slab Retreat: 2-D Thermo-Mechanical Modeling. <i>Geophysical Journal International</i> , 0, , .	1.0	0
265	Petrogenesis of Early Cretaceous granitoids in Liyang volcanic basin, eastern China: Geodynamic implications for Paleo-Pacific slab rollback. <i>Tectonophysics</i> , 2022, 838, 229521.	0.9	0
266	A global review of Hf-Nd isotopes: New perspectives on the chicken-and-egg problem of ancient mantle signatures. <i>Chemical Geology</i> , 2022, 609, 121039.	1.4	3
267	Heterogeneous orogenic lithospheric mantle beneath the North Qaidam orogen: Geochemical evidence from syn-exhumation and post-collisional mafic magmatic rocks. <i>Lithos</i> , 2022, 428-429, 106841.	0.6	0
268	Crust-mantle interaction recorded by Early Cretaceous volcanic rocks within the southern margin of the North China Craton. <i>Geoscience Frontiers</i> , 2022, 13, 101447.	4.3	2
269	Early Cretaceous high-silica granite in the central southern part of North China: Implications for thinning and reworking of lower crust. <i>Lithos</i> , 2022, 428-429, 106838.	0.6	1
270	Contribution of deformation and reaction of amphiboles to the weakening of the middle continental crust: A case study from sheared diorites along the Shuiyu shear zone in Northern Beijing. <i>Journal of Structural Geology</i> , 2022, 163, 104727.	1.0	4

#	ARTICLE	IF	CITATIONS
271	Episodic Au-Mo mineralization events in the Xiaoqinling district, southern margin of the North China Craton. <i>Ore Geology Reviews</i> , 2022, 149, 105096.	1.1	2
272	When did the large-scale extensional tectonics begin in North China Craton?. <i>Tectonophysics</i> , 2022, 840, 229563.	0.9	3
273	Chalcophile elements of the Early Cretaceous Guojialing granodiorites and mafic enclaves, eastern China, and implications for the formation of giant Jiaodong gold deposits. <i>Journal of Asian Earth Sciences</i> , 2022, 238, 105374.	1.0	2
274	Petrogenesis and tectonic implications of the Late Triassic intrusions in the North China Craton: Case study on the Huata complex in the western Yanshan. <i>Lithos</i> , 2022, 430-431, 106862.	0.6	2
275	A TRIASSIC OROGENIC GOLD MINERALIZATION EVENT IN THE PALEOPROTEROZOIC METAMORPHIC ROCKS: EVIDENCE FROM TWO TYPES OF RUTILE IN THE BAIYUN GOLD DEPOSIT, LIAODONG PENINSULA, NORTH CHINA CRATON. <i>Economic Geology</i> , 2022, 117, 1657-1673.	1.8	9
276	Evidence for a very thick Kaapvaal craton root: Implications for equilibrium fossil geotherms in the early continental lithosphere. <i>Earth and Planetary Science Letters</i> , 2022, 597, 117796.	1.8	2
277	Genesis and Source Area Variations of Cretaceous Basalts in Eastern North China Craton: Evidence of Sr-Nd-Pb Isotopes. <i>Advances in Geosciences</i> , 2022, 12, 1117-1126.	0.0	0
278	Experimental Constraint on Ca-Rich Carbonatite Melt-Peridotite Interaction and Implications for Lithospheric Mantle Modification Beneath the North China Craton. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	6
280	Formation of the Miaohan Au-Polymetallic Deposit in the Northern Taihang Mountain, North China Craton: Ore Geology, Geochronological and Geochemical Perspectives. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 1144.	0.8	1
281	Contrasting Sources and Related Metallogeny of the Triassic and Jurassic Granitoids in the Chifeng-Chaoyang District, Northern Margin of the North China Craton: A Review with New Data. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 1117.	0.8	0
282	Spatio-and temporal patterns of Jurassic-Early Cretaceous volcanism in the Great Xing Mountains range, NE China: constraints on the geodynamic evolution. <i>International Geology Review</i> , 2023, 65, 1977-1998.	1.1	1
283	Broken foreland basins and the influence of subduction dynamics, tectonic inheritance, and mechanical triggers. <i>Earth-Science Reviews</i> , 2022, 234, 104193.	4.0	13
284	Revisiting the Late Jurassic adakitic rocks in the Yanshan fold and thrust belts, North China Craton: Partial melts from thickened continental crust?. <i>Lithos</i> , 2022, 430-431, 106885.	0.6	1
285	The genesis of Xindian gold deposit, Liaodong Peninsula, NE China: Constraints from zircon U-Pb ages, Sr-Pb isotopes, and pyrite trace element chemistry. <i>Resource Geology</i> , 2022, 72, .	0.3	2
286	Geochronology and geochemistry of Early Cretaceous granitic plutons in northern Great Xing Mountains Range, NE China, and implications for geodynamic setting. <i>Open Geosciences</i> , 2022, 14, 1206-1237.	0.6	0
287	NW Pacific-Panthalassa Intra-Oceanic Subduction During Mesozoic Times From Mantle Convection and Geoid Models. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	1.0	4
288	Late Mesozoic multi-plate convergence in East Asia: Insights from 3-D global mantle flow models. <i>Tectonophysics</i> , 2022, , 229636.	0.9	1
289	Petrogenesis and tectonic affinity of Early Cretaceous potassic diorites in the northern Taihang Mountain, Trans-North China Orogen. <i>Journal of Asian Earth Sciences</i> , 2022, 240, 105441.	1.0	1

#	ARTICLE	IF	CITATIONS
290	In-situ plagioclase geochemistry and Pb isotopic compositions from Mesozoic granitoids in the northeastern North China Block and its petrogenetic implications. <i>Lithos</i> , 2022, 432-433, 106911.	0.6	1
291	Triassic volcanism on the North margin of the North China Craton: Insights for lithospheric modification during closure of Paleo-Asian Ocean. <i>Lithos</i> , 2022, 434-435, 106918.	0.6	1
292	Lithospheric thinning and ignition of a Cordilleran magmatic flare-up: Geochemical and O-Hf isotopic constraints from Cretaceous plutons in southern Korea. <i>Geoscience Frontiers</i> , 2023, 14, 101492.	4.3	3
293	A genetic model of the giant Sangdong W ⁶⁰ Mo skarn deposit in the Taebaeksan Basin, South Korea. <i>Ore Geology Reviews</i> , 2022, 150, 105187.	1.1	2
294	Subduction-related mantle accretion and makeover revealed by mantle xenoliths at the Pacific margin of NE Eurasia. <i>Lithos</i> , 2022, 434-435, 106943.	0.6	1
296	Petrogenesis of high heat production granite in eastern Hebei Province, China: Constraints from geochronology, geochemistry and Sr-Nd-Hf-O isotopes. <i>Lithos</i> , 2023, 436-437, 106974.	0.6	0
297	Large-scale replacement of ancient mantle lithosphere during supercontinent assembly: Evidence from the South China Craton. <i>Lithos</i> , 2023, 436-437, 106948.	0.6	1
298	åŠåœ°å¹”æŸ”å ,å½/2•å½/2±å“æ:±éŸ”åœ°å¹”è¼žç“å’æåŠé™†å²©çŸŸ³åœ°æ¼¼”åæ—¼Ÿ. <i>Diqu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Geosciences</i> , 2022, 47, 3784.	0.1	0
299	Continental Mid-å€Lithosphere Discontinuity: A Water Collector During Craton Evolution. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	8
300	Craton Destruction Induced by Drastic Drops in Lithospheric Mantle Viscosity. <i>Earth and Space Science</i> , 2022, 9, .	1.1	2
301	Factors on the Mesozoic Transition From Flat to Steep Subduction of the Paleoå€Pacific Plate Beneath South China: Thickened Oceanic Crust and Subduction Rate. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	1.0	2
302	A global comparison of Vp, Vs, and Vp/Vs structures of the mantle lithosphere beneath major cratons. <i>Science China Earth Sciences</i> , 0, , .	2.3	0
303	Jurassicå€“Early Cretaceous tectonic evolution of the North China Craton and Yanshanian intracontinental orogeny in East Asia: New insights from a general review of stratigraphy, structures, and magmatism. <i>Earth-Science Reviews</i> , 2023, 237, 104320.	4.0	5
304	Spatial heterogeneity of the lithospheric destruction of the North China Craton: Evidence from an extended magnetotelluric sounding profile. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	0
305	Age, formation mechanisms, spatial extent, and geodynamic effects of the eastern and northeastern Asian big mantle wedges. <i>Earth-Science Reviews</i> , 2023, 237, 104324.	4.0	4
306	Distinct contribution of aqueous solutions and hydrous melts to the mantle sources: Geochemical evidence from Late Paleozoic igneous rocks in Southwestern Tianshan, Western China. <i>Lithos</i> , 2023, 438-439, 107012.	0.6	0
307	Giant Mesozoic gold ores derived from subducted oceanic slab and overlying sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2023, 343, 133-141.	1.6	16
308	Mesozoic magmatic evolution of the Laiyuan complex: Tracing the crust-mantle and lithosphere-asthenosphere interactions in the central North China Craton. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	1

#	ARTICLE	IF	CITATIONS
309	Geological confirmation for water-effected incipient melt origin of seismic low velocity zone (LVZ) beneath ocean basins. <i>Science Bulletin</i> , 2023, 68, 359-363.	4.3	2
310	Petrogenesis of Mesozoic Magmatic Suites in the Jiaodong Peninsula: Implications for Crust-Mantle Interactions and Decratonization. <i>Lithosphere</i> , 2023, 2023, .	0.6	3
311	Generation of the Early Cretaceous granitoid in the Dazeshan region, Jiaodong Peninsula: Implications for the crustal reworking in the North China Craton. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	3
312	Zircon U ²³⁵ -Pb ages and Lu ¹⁷⁶ -Hf isotopes of the Jurassic Granites on the east coast of the Korean Peninsula and Southwest Japan: Petrogenesis and tectonic correlation between the Korean Peninsula and Japanese Islands. <i>Gondwana Research</i> , 2023, 117, 56-85.	3.0	2
313	Tectonic Controls on Magmatic Tempo in an Active Continental Margin: Insights From the Early Cretaceous Syn-tectonic Magmatism in the Changle-Nanmao Belt, South China. <i>Journal of Geophysical Research: Solid Earth</i> , 2023, 128, .	1.4	6
314	Late Triassic tectonic stress field of the southwestern Ordos Basin and its tectonic implications: Insights from finite-element numerical simulations. , 0, , .		1
315	Ghost-arc geochemical anomaly at a spreading ridge caused by supersized flat subduction. <i>Nature Communications</i> , 2023, 14, .	5.8	3
316	New constraints on structures of the mantle transition zone beneath the Trans-north China orogen and western north China craton revealed by receiver functions. <i>Journal of Asian Earth Sciences</i> , 2023, 245, 105554.	1.0	1
317	Recognition of the Xiayu intermediate-sulfidation epithermal Ag-Pb-Zn-Au(-Cu) mineralization in the East Qinling polymetallic ore belt, China: Constraints from geology and geochronology. <i>Ore Geology Reviews</i> , 2023, 156, 105398.	1.1	5
318	Importance of global spherical geometry for studying slab dynamics and evolution in models with data assimilation. <i>Earth-Science Reviews</i> , 2023, 241, 104414.	4.0	2
319	Tectonic nature, subduction, and closure of the Mudanjiang Ocean: Insights from newly discovered oceanic fragments in the Luobei Heilongjiang Complex. <i>Lithos</i> , 2023, 446-447, 107141.	0.6	1
320	Magma system and equilibrium depth of the Cenozoic basalts in the central North China craton. <i>Lithos</i> , 2023, 446-447, 107142.	0.6	0
321	Cretaceous opposite rotations of North China Block and southern Sikhote Alin, northeast China/Russia: Relation to rifting in the petroliferous Songliao Basin. <i>Journal of Asian Earth Sciences</i> : X, 2023, 9, 100140.	0.6	0
322	Coupling between Cenozoic extensional exhumation in North China and the subduction of the Pacific Plate. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2023, 620, 111546.	1.0	1
323	Petrogenesis of the alkali basalt and trachy-andesite suite in the northern Tarim Basin, NW China: Implications for crust-mantle interactions controlled by the Permian mantle plume. <i>Gondwana Research</i> , 2023, 119, 86-103.	3.0	1
324	Two discrete gold mineralization events recorded by hydrothermal xenotime and monazite, Xiaqingling gold district, central China. <i>American Mineralogist</i> , 2024, 109, 73-86.	0.9	2
325	Provenance analysis of the Cretaceous Gyeongsang Basin, SE Korea: A synthesis and tectonic implications for active continental margin in East Asia. <i>Earth-Science Reviews</i> , 2023, 238, 104334.	4.0	2
326	P-wave velocity structure in the crust and the uppermost mantle of Chao Lake region of the Tan-Lu Fault inferred from teleseismic arrival time tomography. <i>Earthquake Science</i> , 2022, 35, 427-447.	0.4	0

#	ARTICLE	IF	CITATIONS
327	Recognition of a ca. 130Ma Makeng-Yangshan iron skarn belt in the Southeastern China: evidence from garnet in situ U-Pb geochronology. <i>Mineralium Deposita</i> , 2023, 58, 925-937.	1.7	2
328	Prolonged Mantle Modification beneath the North China Craton: Evidence from Contrasting Mafic Dykes in Jiaodong Peninsula. <i>Journal of Earth Science (Wuhan, China)</i> , 0, , .	1.1	0
329	Catastrophic craton destruction via wholesale lithosphere delamination. <i>Geology</i> , 2023, 51, 460-464.	2.0	0
330	Role of metasomatized mantle lithosphere in the formation of giant lode gold deposits: Insights from sulfur isotope and geochemistry of sulfides. <i>Geoscience Frontiers</i> , 2023, 14, 101587.	4.3	0
331	Petrochemistry, Petrogenesis and Geodynamic Implications of Mantle Plume Generated Dhanjori Volcanics, Singhbhum Craton (Eastern India). <i>Journal of the Geological Society of India</i> , 2023, 99, 321-330.	0.5	1
332	Hot mantle upwelling and Mesozoic mineralization in Southeast China. <i>Journal of Asian Earth Sciences</i> , 2023, 258, 105648.	1.0	3
333	Constraints on Petrogenesis and Fe Fertility of Intrusive Complexes in the Han-Xing Region, North China Craton from Apatite Geochemistry. <i>Minerals (Basel, Switzerland)</i> , 2023, 13, 469.	0.8	0
334	Influence of Melt-Peridotite Interactions on Deformation and Seismic Properties of the Upper Mantle Beneath a Destroyed Craton: A Case Study of the Damaping Peridotites From the North China Craton. <i>Journal of Geophysical Research: Solid Earth</i> , 2023, 128, .	1.4	0
335	Crustal thickness of the Jiaodong Peninsula in the Mesozoic: Implications for the destruction of the North China Craton. <i>Frontiers in Earth Science</i> , 0, 11, .	0.8	1
336	Dating Strike-Slip Ductile Shear Through Combined Zircon, Titanite and Apatite U-Pb Geochronology Along the Southern Tan-Lu Fault Zone, East China. <i>Tectonics</i> , 2023, 42, .	1.3	0
337	Fluid-enhanced diffusive mass transfer combined with GBS as an important process for protracted weakening in the middle-lower crust. <i>Journal of Structural Geology</i> , 2023, 171, 104861.	1.0	0
338	Late Mesozoic basin evolution in NE China and its surrounding areas, mechanisms of the continental-scale extensional regime in East Asia during the Late Jurassic-Early Cretaceous. <i>Earth-Science Reviews</i> , 2023, 241, 104418.	4.0	4
339	Tracing Sediment Melt Activity in the Sub-Continental Lithosphere: Insights From Zn-Fe Stable Isotopes. <i>Journal of Geophysical Research: Solid Earth</i> , 2023, 128, .	1.4	0
340	Geochronology and Geochemistry of Early Cretaceous A-type Granites in Central-Eastern Inner Mongolia, China: Implications for Late Mesozoic Tectonic Evolution of the Southern Great Xing'an Range. <i>Acta Geologica Sinica</i> , 2023, 97, 1094-1111.	0.8	0
341	Tectonic-magmatic control on the intensity of decratonic gold mineralization in the southeastern margin of the North China Craton: A perspective from geochemical comparison. <i>International Geology Review</i> , 2024, 66, 582-606.	1.1	0