

# Wen-Liang Xu

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4851615/wen-liang-xu-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

150  
papers

8,136  
citations

45  
h-index

88  
g-index

157  
ext. papers

9,439  
ext. citations

3.7  
avg, IF

6.1  
L-index

#	Paper	IF	Citations
150	Late Paleozoic-Mesozoic tectonic evolution of the northeastern Asian continental margin revealed by sedimentary formations and fossil accretionary complexes. <i>Earth-Science Reviews</i> , <b>2022</b> , 225, 103908	10.2	2
149	Reworking of continental crust on northeastern North China Craton: Evidence from geochronology and geochemistry of Early Cretaceous granitic rocks. <i>Tectonophysics</i> , <b>2022</b> , 829, 229306	3.1	0
148	Temporal variations in the geochemistry of Mesozoic mafic-intermediate volcanic rocks in the northern Great Xing'an Range, Northeast China, and implications for deep lithospheric mantle processes. <i>Lithos</i> , <b>2022</b> , 422-423, 106721	2.9	0
147	In situ geochemical composition of apatite in granitoids from the eastern Central Asian Orogenic Belt: A window into petrogenesis. <i>Geochimica Et Cosmochimica Acta</i> , <b>2021</b> ,	5.5	2
146	Formation of Amphibole-Bearing Peridotite and Amphibole-Bearing Pyroxenite Through Hydrous Melt-Peridotite Reaction and In Situ Crystallization: An Experimental Study. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2021</b> , 126, e2020JB019382	3.6	3
145	Permian ridge subduction in the easternmost Central Asian Orogenic Belt: Magmatic record using Sr-Nd-Pb-Hf-Mg isotopes. <i>Lithos</i> , <b>2021</b> , 384-385, 105966	2.9	1
144	Detrital zircon geochronology and provenance of sediments within the Mesozoic basins: New insights into tectonic evolution of the Qinling Orogen. <i>Geoscience Frontiers</i> , <b>2021</b> , 12, 101107	6	4
143	Geochemistry of apatites from Mesozoic granitoids in the northeastern North China Craton and their petrogenetic implications. <i>Lithos</i> , <b>2021</b> , 106198	2.9	
142	Recycling of continental crust in the southern North China Craton: Constraints from the Sr-Nd-Pb-Hf isotopic compositions of Early Cretaceous Funiushan granites. <i>Gondwana Research</i> , <b>2021</b> ,	5.1	1
141	Late Permian-Triassic tectonic nature of the eastern Central Asian Orogenic Belt: Constraints from the geochronology and geochemistry of igneous rocks in the Bureya Massif. <i>Lithos</i> , <b>2021</b> , 380-381, 105924	2.9	3
140	Stagnant slab front within the mantle transition zone controls the formation of Cenozoic intracontinental high-Mg andesites in northeast Asia. <i>Geology</i> , <b>2021</b> , 49, 19-24	5	9
139	Petrogenesis of Early Cretaceous volcanic rocks of the northeastern North China Craton: Constraints from elemental and Sr-Nd-Pb isotope geochemistry. <i>Lithos</i> , <b>2021</b> , 392-393, 106149	2.9	1
138	Late Permian medium-pressure metamorphism in the eastern Songnen Massif, eastern Central Asian Orogenic Belt (NE China): Implications for the final closure of the Paleo-Asian Ocean. <i>Journal of Asian Earth Sciences</i> , <b>2021</b> , 215, 104800	2.8	3
137	Machine Learning Reveals Source Compositions of Intraplate Basaltic Rocks. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2021</b> , 22, e2021GC009946	3.6	1
136	Tectonic history of the Huangsong tectonic terrains in the Khanka Massif in the easternmost Central Asian Orogenic Belt: Constraints from detrital zircon U-Pb geochronology. <i>Gondwana Research</i> , <b>2021</b> , 99, 149-162	5.1	0
135	Post-collisional mafic magmatism: Record of lithospheric mantle evolution in continental orogenic belt. <i>Science China Earth Sciences</i> , <b>2020</b> , 63, 2029-2041	4.6	5
134	Early Carboniferous seafloor spreading recorded by volcanic rocks in the western segment of the Changchun-Jianji Suture Belt, NE China. <i>Geological Journal</i> , <b>2020</b> , 55, 6376-6398	1.7	0

133	Tectonic evolution of the northeastern North China Craton: Constraints from geochronology and SrNdHf isotopic data from Late Triassic intrusive rocks on Liaodong Peninsula, NE China. <i>Lithos</i> , <b>2020</b> , 362-363, 105489	2.9	8
132	Mantle and Recycled Oceanic Crustal Components in Mantle Xenoliths From Northeastern China and their Mantle Sources. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2020</b> , 125, e2019JB018232	3.6	3
131	Geochronology and geochemistry of Neoproterozoic magmatism in the Bureya Block, Russian Far East: Petrogenesis and implications for Rodinia reconstruction. <i>Precambrian Research</i> , <b>2020</b> , 342, 105676	3.9	11
130	Opening and closure history of the Mudanjiang Ocean in the eastern Central Asian Orogenic Belt: Geochronological and geochemical constraints from early Mesozoic intrusive rocks. <i>Gondwana Research</i> , <b>2020</b> , 84, 111-130	5.1	8
129	Late Paleozoic igneous rocks in the Xing'an Massif and its amalgamation with the Songnen Massif, NE China. <i>Journal of Asian Earth Sciences</i> , <b>2020</b> , 197, 104407	2.8	5
128	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> , <b>2020</b> , 278, 157-176	5.5	14
127	Timing of closure of the eastern Mongol-Dkhotsk Ocean: Constraints from U-Pb and Hf isotopic data of detrital zircons from metasediments along the Dzhagdy Transect. <i>Gondwana Research</i> , <b>2020</b> , 81, 58-78	5.1	40
126	Late Jurassic to early Early Cretaceous tectonic nature on the NE Asian continental margin: Constraints from Mesozoic accretionary complexes. <i>Earth-Science Reviews</i> , <b>2020</b> , 200, 103042	10.2	25
125	Tectonic affinity of the Khanka Massif in the easternmost Central Asian Orogenic Belt: evidence from detrital zircon geochronology of Permian sedimentary rocks. <i>International Geology Review</i> , <b>2020</b> , 62, 428-445	2.3	5
124	Late Palaeozoic tectonic evolution of the southern North China Craton: Constraints from detrital zircon dating and Hf isotopic compositions of the Benxi Formation, Sanmenxia area, North China Craton. <i>Geological Journal</i> , <b>2020</b> , 55, 1320-1331	1.7	6
123	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> , <b>2020</b> , 62, 1949-1970	2.3	3
122	Was Permian magmatism in the eastern Songnen and western Jiamusi massifs, NE China, related to the subduction of the Mudanjiang oceanic plate?. <i>Geological Journal</i> , <b>2020</b> , 55, 1781-1807	1.7	11
121	Geochronology and geochemistry of late Carboniferous-Middle Jurassic magmatism in the Helong area, NE China: Implications for the tectonic transition from the Paleo-Asian oceanic to circum-Pacific regime. <i>Geological Journal</i> , <b>2020</b> , 55, 1808-1825	1.7	8
120	Ages and nature of the protolith of the Tulovchikha metamorphic complex in the Bureya Massif, Central Asian Orogenic Belt, Russia: Evidence from U-Th-Pb, Lu-Hf, Sm-Nd, and 40Ar/39Ar data. <i>Lithos</i> , <b>2019</b> , 332-333, 340-354	2.9	14
119	Permian subduction of the Paleo-Pacific (Panthalassic) oceanic lithosphere beneath the Jiamusi Block: Geochronological and geochemical evidence from the Luobei mafic intrusions in Northeast China. <i>Lithos</i> , <b>2019</b> , 332-333, 207-225	2.9	8
118	SrNdHf isotopic compositions of lamprophyres in western Shandong, China: Implications for the nature of the early cretaceous lithospheric mantle beneath the eastern North China Craton. <i>Lithos</i> , <b>2019</b> , 336-337, 1-13	2.9	10
117	Early Neoproterozoic magmatism and the associated metamorphism in the Songnen Massif, NE China: Petrogenesis and tectonic implications. <i>Precambrian Research</i> , <b>2019</b> , 328, 250-268	3.9	15
116	Final Closure of the Paleo-Asian Ocean and Onset of Subduction of Paleo-Pacific Ocean: Constraints From Early Mesozoic Magmatism in Central Southern Jilin Province, NE China. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2019</b> , 124, 2601-2622	3.6	31

115	Crustal growth and reworking: A case study from the Erguna Massif, eastern Central Asian Orogenic Belt. <i>Scientific Reports</i> , <b>2019</b> , 9, 17671	4.9	8
114	Decoupling of Lu-Hf and Sm-Nd Isotopic System in Deep-Seated Xenoliths from the Xuzhou-Suzhou Area, China: Differences in Element Mobility during Metamorphism. <i>Journal of Earth Science (Wuhan, China)</i> , <b>2019</b> , 30, 1266-1279	2.2	3
113	Thermal state and structure of lithospheric mantle beneath the Xing'an Massif, northeast China: Constraints from mantle xenoliths entrained by Cenozoic basalts. <i>Geological Journal</i> , <b>2019</b> , 54, 3226-3238	1.7	3
112	Temporal changes in the subduction of the Paleo-Pacific plate beneath Eurasia during the late Mesozoic: Geochronological and geochemical evidence from Cretaceous volcanic rocks in eastern NE China. <i>Lithos</i> , <b>2019</b> , 326-327, 415-434	2.9	19
111	Geochemical and SIMS U-Pb rutile and LA-ICP-MS U-Pb zircon geochronological evidence of the tectonic evolution of the Mudanjang Ocean from amphibolites of the Heilongjiang Complex, NE China. <i>Gondwana Research</i> , <b>2019</b> , 69, 25-44	5.1	25
110	Geochronology and geochemistry of early Mesozoic magmatism in the northeastern North China Craton: Implications for tectonic evolution. <i>Gondwana Research</i> , <b>2019</b> , 67, 33-45	5.1	13
109	Provenance and tectonic implications of Cambrian sedimentary rocks in the Bureya Massif, Central Asian Orogenic Belt, Russia. <i>Journal of Asian Earth Sciences</i> , <b>2019</b> , 172, 393-408	2.8	9
108	Crustal Accretion and Reworking within the Khanka Massif: Evidence from Hf Isotopes of Zircons in Phanerozoic Granitoids. <i>Journal of Earth Science (Wuhan, China)</i> , <b>2018</b> , 29, 255-264	2.2	8
107	Geochronology and geochemistry of Late Devonian-Carboniferous igneous rocks in the Songnen-Zhangguangcai Range Massif, NE China: Constraints on the late Paleozoic tectonic evolution of the eastern Central Asian Orogenic Belt. <i>Gondwana Research</i> , <b>2018</b> , 57, 119-132	5.1	8
106	Geochronology and geochemistry of Mesozoic intrusive rocks in the Xing'an Massif of NE China: Implications for the evolution and spatial extent of the Mongol-Okhotsk tectonic regime. <i>Lithos</i> , <b>2018</b> , 304-307, 57-73	2.9	53
105	Petrogenesis of Cenozoic shoshonitic rocks in Fiji: Constraints from mineral and whole-rock geochemistry. <i>Geological Journal</i> , <b>2018</b> , 53, 2759-2778	1.7	4
104	Origin and tectonic evolution of early Paleozoic arc terranes abutting the northern margin of North China Craton. <i>International Journal of Earth Sciences</i> , <b>2018</b> , 107, 1911-1933	2.2	8
103	Convergence history of the Jiamusi and Songnen-Zhangguangcai Range massifs: Insights from detrital zircon U-Pb geochronology of the Yilan Heilongjiang Complex, NE China. <i>Gondwana Research</i> , <b>2018</b> , 56, 51-68	5.1	30
102	Subduction history of the Paleo-Pacific slab beneath Eurasian continent: Mesozoic-Paleogene magmatic records in Northeast Asia. <i>Science China Earth Sciences</i> , <b>2018</b> , 61, 527-559	4.6	113
101	Late Paleozoic tectonic evolution of the central Great Xing'an Range, northeast China: geochronological and geochemical evidence from igneous rocks. <i>Geological Journal</i> , <b>2018</b> , 53, 282-303	1.7	16
100	Olivine Oxygen Isotope Evidence for Intracontinental Recycling of Delaminated Continental Crust. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2018</b> , 19, 1913-1924	3.6	8
99	Geochronology and geochemistry of early Paleozoic intrusive rocks from the Khanka Massif in the Russian Far East: Petrogenesis and tectonic implications. <i>Lithos</i> , <b>2018</b> , 300-301, 105-120	2.9	15
98	Early-Middle Ordovician volcanism along the eastern margin of the Xing'an Massif, Northeast China: constraints on the suture location between the Xing'an and Songnen-Zhangguangcai Range massifs. <i>International Geology Review</i> , <b>2018</b> , 60, 2046-2062	2.3	11

97	Geochronology and geochemistry of late Paleozoic–Early Mesozoic igneous rocks of the Erguna Massif, NE China: Implications for the early evolution of the Mongol–Dkhotsk tectonic regime. <i>Journal of Asian Earth Sciences</i> , <b>2017</b> , 144, 205-224	2.8	39
96	Using detrital zircons from late Permian to Triassic sedimentary rocks in the south-eastern Central Asian Orogenic Belt (NE China) to constrain the timing of the final closure of the Paleo-Asian Ocean. <i>Journal of Asian Earth Sciences</i> , <b>2017</b> , 144, 82-109	2.8	37
95	Triassic volcanism along the eastern margin of the Xing’an Massif, NE China: Constraints on the spatial–temporal extent of the Mongol–Dkhotsk tectonic regime. <i>Gondwana Research</i> , <b>2017</b> , 48, 205-223	5.1	49
94	Early Jurassic calc-alkaline magmatism in northeast China: Magmatic response to subduction of the Paleo-Pacific Plate beneath the Eurasian continent. <i>Journal of Asian Earth Sciences</i> , <b>2017</b> , 143, 249-268	2.8	45
93	Crustal accretion and reworking processes of micro-continental massifs within orogenic belt: A case study of the Erguna Massif, NE China. <i>Science China Earth Sciences</i> , <b>2017</b> , 60, 1256-1267	4.6	17
92	A Brillouin scattering study of hydrous basaltic glasses: the effect of H <sub>2</sub> O on their elastic behavior and implications for the densities of basaltic melts. <i>Physics and Chemistry of Minerals</i> , <b>2017</b> , 44, 431-444	1.6	
91	Provenance, age, and tectonic implications of Neoproterozoic strata in the Jiamusi Massif: Evidence from U–Pb ages and Hf isotope compositions of detrital and magmatic zircons. <i>Precambrian Research</i> , <b>2017</b> , 297, 19-32	3.9	27
90	Permian tectonic evolution of the Mudanjiang Ocean: Evidence from zircon U–Pb–Hf isotopes and geochemistry of a N–S trending granitoid belt in the Jiamusi Massif, NE China. <i>Gondwana Research</i> , <b>2017</b> , 49, 147-163	5.1	38
89	Age and evolution of the lithospheric mantle beneath the Khanka Massif: Geochemical and Re–Os isotopic evidence from Sviyagino mantle xenoliths. <i>Lithos</i> , <b>2017</b> , 282-283, 326-338	2.9	10
88	Geochronology and geochemistry of early Paleozoic igneous rocks from the Zhangguangcai Range, northeastern China: Constraints on tectonic evolution of the eastern Central Asian Orogenic Belt. <i>Lithosphere</i> , <b>2017</b> , 9, 803-827	2.7	21
87	Age and geochemistry of Neoproterozoic granitoids in the Songnen–Zhangguangcai Range Massif, NE China: Petrogenesis and tectonic implications. <i>Journal of Asian Earth Sciences</i> , <b>2017</b> , 148, 265-276	2.8	23
86	Age and geochemistry of the Neoproterozoic granitoids in the the Songnen–Zhangguangcai Range Massif, NE China: Petrogenesis and tectonic implications. <i>Acta Geologica Sinica</i> , <b>2017</b> , 91, 86-87	0.7	1
85	Geochronology and geochemistry of early Paleozoic intrusive rocks from the Khanka Massif of the Russian Far East. <i>Acta Geologica Sinica</i> , <b>2017</b> , 91, 102-102	0.7	
84	Age and geochemistry of the Neoproterozoic granitoids in the the Songnen–Zhangguangcai Range Massif, NE China: Petrogenesis and tectonic implications. <i>Acta Geologica Sinica</i> , <b>2017</b> , 91, 185-186	0.7	4
83	Sedimentary response to the paleogeographic and tectonic evolution of the southern North China Craton during the late Paleozoic and Mesozoic. <i>Gondwana Research</i> , <b>2017</b> , 49, 278-295	5.1	32
82	Geochemistry of MORB and OIB in the Yuejinshan Complex, NE China: Implications for petrogenesis and tectonic setting. <i>Journal of Asian Earth Sciences</i> , <b>2017</b> , 145, 475-493	2.8	27
81	Petrogenesis and tectonic implications of Early Jurassic volcanic rocks of the Raohe accretionary complex, NE China. <i>Journal of Asian Earth Sciences</i> , <b>2017</b> , 134, 262-280	2.8	34
80	Zircon U–Pb ages and geochemistry of newly discovered Neoproterozoic orthogneisses in the Mishan region, NE China: Constraints on the high-grade metamorphism and tectonic affinity of the Jiamusi–Khanka Block. <i>Lithos</i> , <b>2017</b> , 268-271, 16-31	2.9	45

79	Geochemistry and geochronology of the Late Permian mafic intrusions along the boundary area of Jiamusi and Songnen-Zhangguangcai Range massifs and adjacent regions, northeastern China: Petrogenesis and implications for the tectonic evolution of the Mudanjiang Ocean. <i>Tectonophysics</i> , <b>2017</b> , 694, 356-367	3.1	35
78	Geochronology and geochemistry of Late Triassic bimodal igneous rocks at the eastern margin of the Songnen-Zhangguangcai Range Massif, Northeast China: petrogenesis and tectonic implications. <i>International Geology Review</i> , <b>2016</b> , 58, 196-215	2.3	37
77	Formation of orthopyroxenite by reaction between peridotite and hydrous basaltic melt: an experimental study. <i>Contributions To Mineralogy and Petrology</i> , <b>2016</b> , 171, 1	3.5	25
76	Early Mesozoic southward subduction history of the Mongol-Dkhotsk oceanic plate: Evidence from geochronology and geochemistry of Early Mesozoic intrusive rocks in the Erguna Massif, NE China. <i>Gondwana Research</i> , <b>2016</b> , 31, 218-240	5.1	176
75	Geochronology, geochemistry, and Hf isotopes of Jurassic intermediate-acidic intrusions in the Xing'an Block, northeastern China: Petrogenesis and implications for subduction of the Paleo-Pacific oceanic plate. <i>Journal of Asian Earth Sciences</i> , <b>2016</b> , 118, 11-31	2.8	31
74	Tectonic evolution of the eastern Central Asian Orogenic Belt: Evidence from zircon U-Pb-Hf isotopes and geochemistry of early Paleozoic rocks in Yanbian region, NE China. <i>Gondwana Research</i> , <b>2016</b> , 38, 334-350	5.1	50
73	Early-Middle Paleozoic subduction-collision history of the south-eastern Central Asian Orogenic Belt: Evidence from igneous and metasedimentary rocks of central Jilin Province, NE China. <i>Lithos</i> , <b>2016</b> , 261, 164-180	2.9	46
72	Geochronology and geochemistry of early Paleozoic igneous rocks of the Lesser Xing'an Range, NE China: Implications for the tectonic evolution of the eastern Central Asian Orogenic Belt. <i>Lithos</i> , <b>2016</b> , 261, 144-163	2.9	38
71	Tectonic implications of Early Cretaceous low-Mg adakitic rocks generated by partial melting of thickened lower continental crust at the southern margin of the central North China Craton. <i>Gondwana Research</i> , <b>2016</b> , 38, 220-237	5.1	34
70	Timing of formation and tectonic nature of the purportedly Neoproterozoic Jiageda Formation of the Erguna Massif, NE China: Constraints from field geology and U-Pb geochronology of detrital and magmatic zircons. <i>Precambrian Research</i> , <b>2016</b> , 281, 585-601	3.9	37
69	Petrogenesis of Early-Middle Jurassic intrusive rocks in northern Liaoning and central Jilin provinces, northeast China: Implications for the extent of spatial-temporal overprinting of the Mongol-Dkhotsk and Paleo-Pacific tectonic regimes. <i>Lithos</i> , <b>2016</b> , 256-257, 132-147	2.9	32
68	Geochronology and geochemistry of late Carboniferous-middle Permian I- and A-type granites and gabbro-diorites in the eastern Jiamusi Massif, NE China: Implications for petrogenesis and tectonic setting. <i>Lithos</i> , <b>2016</b> , 266-267, 213-232	2.9	54
67	Geochronology and geochemistry of Late Cretaceous-Paleocene granitoids in the Sikhote-Alin Orogenic Belt: Petrogenesis and implications for the oblique subduction of the paleo-Pacific plate. <i>Lithos</i> , <b>2016</b> , 266-267, 202-212	2.9	34
66	Early Jurassic subduction of the Paleo-Pacific Ocean in NE China: Petrologic and geochemical evidence from the Tumen mafic intrusive complex. <i>Lithos</i> , <b>2015</b> , 224-225, 46-60	2.9	134
65	Middle Jurassic oceanic island igneous rocks of the Raohe accretionary complex, northeastern China: Petrogenesis and tectonic implications. <i>Journal of Asian Earth Sciences</i> , <b>2015</b> , 111, 120-137	2.8	36
64	Late Triassic intrusive complex in the Jidong region, Jiamusi-Xhanka Block, NE China: Geochemistry, zircon U-Pb ages, Lu-Hf isotopes, and implications for magma mingling and mixing. <i>Lithos</i> , <b>2015</b> , 224-225, 143-159	2.9	71
63	SIMS U-Pb dating of rutile within eclogitic xenoliths in the Early Cretaceous adakitic rocks of the Xuzhou-Huaipei area, China: Constraints on the timing of crustal thickening of the eastern North China Craton. <i>Science China Earth Sciences</i> , <b>2015</b> , 58, 1100-1106	4.6	13
62	Partial melting and crust-mantle interaction in subduction channels: Constraints from experimental petrology. <i>Science China Earth Sciences</i> , <b>2015</b> , 58, 1700-1712	4.6	4



61	Geochronology, geochemistry and zircon Hf isotopes of the Dongfanghong gabbroic complex at the eastern margin of the Jiamusi Massif, NE China: Petrogenesis and tectonic implications. <i>Lithos</i> , <b>2015</b> , 234-235, 27-46	2.9	64
60	Geochronology, geochemistry, and deformation history of Late Jurassic-Early Cretaceous intrusive rocks in the Erguna Massif, NE China: Constraints on the late Mesozoic tectonic evolution of the Mongol-Dkhotsk orogenic belt. <i>Tectonophysics</i> , <b>2015</b> , 658, 91-110	3.1	97
59	Geochronology and geochemistry of Late Devonian and early Carboniferous igneous rocks of central Jilin Province, NE China: Implications for the tectonic evolution of the eastern Central Asian Orogenic Belt. <i>Journal of Asian Earth Sciences</i> , <b>2015</b> , 97, 260-278	2.8	39
58	Late Triassic bimodal igneous rocks in eastern Heilongjiang Province, NE China: Implications for the initiation of subduction of the Paleo-Pacific Plate beneath Eurasia. <i>Journal of Asian Earth Sciences</i> , <b>2015</b> , 97, 406-423	2.8	94
57	Big insights from tiny peridotites: Evidence for persistence of Precambrian lithosphere beneath the eastern North China Craton. <i>Tectonophysics</i> , <b>2015</b> , 650, 104-112	3.1	19
56	Geochronology and geochemistry of middle Permian-Middle Triassic intrusive rocks from central-eastern Jilin Province, NE China: Constraints on the tectonic evolution of the eastern segment of the Paleo-Asian Ocean. <i>Lithos</i> , <b>2015</b> , 238, 13-25	2.9	77
55	On the significance of temperatures derived from major element and REE based two-pyroxene thermometers for mantle xenoliths from the North China Craton. <i>Lithos</i> , <b>2015</b> , 224-225, 101-113	2.9	12
54	Geochronology and geochemistry of Early Jurassic volcanic rocks in the Erguna Massif, northeast China: Petrogenesis and implications for the tectonic evolution of the Mongol-Dkhotsk suture belt. <i>Lithos</i> , <b>2015</b> , 218-219, 73-86	2.9	81
53	Geochronology and provenance of detrital zircons from late Palaeozoic strata of central Jilin Province, Northeast China: implications for the tectonic evolution of the eastern Central Asian Orogenic Belt. <i>International Geology Review</i> , <b>2015</b> , 57, 211-228	2.3	28
52	Age and provenance of the Ergunahe Group and the Wubinaobao Formation, northeastern Inner Mongolia, NE China: implications for tectonic setting of the Erguna Massif. <i>International Geology Review</i> , <b>2014</b> , 56, 653-671	2.3	31
51	Mid-Mesoproterozoic (~1.32Ga) diabase swarms from the western Liaoning region in the northern margin of the North China Craton: Baddeleyite Pb-Pb geochronology, geochemistry and implications for the final breakup of the Columbia supercontinent. <i>Precambrian Research</i> , <b>2014</b> , 254, 114-128	3.9	36
50	Titanite evidence for Triassic thickened lower crust along southeastern margin of North China Craton. <i>Lithos</i> , <b>2014</b> , 206-207, 277-288	2.9	8
49	Experimental studies of melt-peridotite reactions at 1-2 GPa and 1250-1400°C and their implications for transforming the nature of lithospheric mantle and for high-Mg signatures in adakitic rocks. <i>Science China Earth Sciences</i> , <b>2014</b> , 57, 415-427	4.6	6
48	Geochronology and geochemistry of Early-Middle Triassic magmatism in the Erguna Massif, NE China: Constraints on the tectonic evolution of the Mongol-Dkhotsk Ocean. <i>Lithos</i> , <b>2014</b> , 184-187, 1-16	2.9	126
47	Precambrian terrane within the Songnen-Zhangguangcai Range Massif, NE China: Evidence from U-Pb ages of detrital zircons from the Dongfengshan and Tadong groups. <i>Gondwana Research</i> , <b>2014</b> , 26, 402-413	5.1	84
46	Geochronology and geochemistry of late Paleozoic volcanic rocks on the western margin of the Songnen-Zhangguangcai Range Massif, NE China: Implications for the amalgamation history of the Xing'an and Songnen-Zhangguangcai Range massifs. <i>Lithos</i> , <b>2014</b> , 205, 394-410	2.9	68
45	Geochronology and geochemistry of Middle-Late Ordovician granites and gabbros in the Erguna region, NE China: Implications for the tectonic evolution of the Erguna Massif. <i>Journal of Earth Science (Wuhan, China)</i> , <b>2014</b> , 25, 841-853	2.2	36
44	Zircon U-Pb geochronology and petrogenesis of the Late Paleozoic-Early Mesozoic intrusive rocks in the eastern segment of the northern margin of the North China Block. <i>Lithos</i> , <b>2013</b> , 170-171, 191-207	2.9	158

43	Effect of melt composition on basalt and peridotite interaction: laboratory dissolution experiments with applications to mineral compositional variations in mantle xenoliths from the North China Craton. <i>Contributions To Mineralogy and Petrology</i> , <b>2013</b> , 166, 1469-1488	3.5	36
42	Spatial-temporal relationships of Mesozoic volcanic rocks in NE China: Constraints on tectonic overprinting and transformations between multiple tectonic regimes. <i>Journal of Asian Earth Sciences</i> , <b>2013</b> , 74, 167-193	2.8	502
41	Provenance of sediments from Mesozoic basins in western Shandong: Implications for the evolution of the eastern North China Block. <i>Journal of Asian Earth Sciences</i> , <b>2013</b> , 76, 12-29	2.8	32
40	Destruction of the North China Craton: Delamination or thermal/chemical erosion? Mineral chemistry and oxygen isotope insights from websterite xenoliths. <i>Gondwana Research</i> , <b>2013</b> , 23, 119-129 <sup>5.1</sup>		93
39	Geochronology and geochemistry of Neoproterozoic magmatism in the Erguna Massif, NE China: Petrogenesis and implications for the breakup of the Rodinia supercontinent. <i>Precambrian Research</i> , <b>2013</b> , 224, 597-611	3.9	164
38	Late Permian tectonic evolution at the southeastern margin of the Songnen-Zhangguangcai Range Massif, NE China: Constraints from geochronology and geochemistry of granitoids. <i>Gondwana Research</i> , <b>2013</b> , 24, 635-647	5.1	57
37	Spatial extent of the influence of the deeply subducted South China Block on the southeastern North China Block: Constraints from Sr-Nd-Pb isotopes in Mesozoic mafic igneous rocks. <i>Lithos</i> , <b>2012</b> , 136-139, 246-260	2.9	85
36	Early Jurassic mafic magmatism in the Lesser Xing'an-Zhangguangcai Range, NE China, and its tectonic implications: Constraints from zircon U-Pb chronology and geochemistry. <i>Lithos</i> , <b>2012</b> , 142-143, 256-266	2.9	175
35	Repeated modification of lithospheric mantle in the eastern North China Craton: Constraints from SHRIMP zircon U-Pb dating of dunite xenoliths in western Shandong. <i>Science Bulletin</i> , <b>2012</b> , 57, 651-659		10
34	Age, association and provenance of the Neoproterozoic Fengshuigouhe group in the northwestern Lesser Xing'an Range, NE China: Constraints from zircon U-Pb geochronology. <i>Journal of Earth Science (Wuhan, China)</i> , <b>2012</b> , 23, 786-801	2.2	51
33	Tectonic history of the Zhangguangcailing Group in eastern Heilongjiang Province, NE China: Constraints from U-Pb geochronology of detrital and magmatic zircons. <i>Tectonophysics</i> , <b>2012</b> , 566-567, 105-105	3.1	12
32	Early Paleozoic amalgamation of the Songnen-Zhangguangcai Range and Jiamusi massifs in the eastern segment of the Central Asian Orogenic Belt: Geochronological and geochemical evidence from granitoids and rhyolites. <i>Journal of Asian Earth Sciences</i> , <b>2012</b> , 49, 234-248	2.8	124
31	U-Pb ages and Hf isotope data from detrital zircons in the Neoproterozoic sandstones of northern Jiangsu and southern Liaoning Provinces, China: Implications for the Late Precambrian evolution of the southeastern North China Craton. <i>Precambrian Research</i> , <b>2012</b> , 216-219, 162-176	3.9	59
30	Modification of the lithospheric mantle by melt derived from recycled continental crust evidenced by wehrlite xenoliths in Early Cretaceous high-Mg diorites from western Shandong, China. <i>Science China Earth Sciences</i> , <b>2012</b> , 55, 1972-1986	4.6	6
29	Mapping lithospheric boundaries using Os isotopes of mantle xenoliths: An example from the North China Craton. <i>Geochimica Et Cosmochimica Acta</i> , <b>2011</b> , 75, 3881-3902	5.5	107
28	Geochronology and geochemistry of Mesozoic mafic-ultramafic complexes in the southern Liaoning and southern Jilin provinces, NE China: Constraints on the spatial extent of destruction of the North China Craton. <i>Journal of Asian Earth Sciences</i> , <b>2011</b> , 40, 636-650	2.8	71
27	Permian bimodal volcanism in the Zhangguangcai Range of eastern Heilongjiang Province, NE China: Zircon U-Pb-Hf isotopes and geochemical evidence. <i>Journal of Asian Earth Sciences</i> , <b>2011</b> , 41, 119-132	2.8	108
26	Petrogenesis of late Mesozoic granitoids in southern Jilin province, northeastern China: Geochronological, geochemical, and Sr-Nd-Pb isotopic evidence. <i>Lithos</i> , <b>2011</b> , 125, 27-39	2.9	36



25	Geochemistry of peridotite xenoliths in Early Cretaceous high-Mg# diorites from the Central Orogenic Block of the North China Craton: The nature of Mesozoic lithospheric mantle and constraints on lithospheric thinning. <i>Chemical Geology</i> , <b>2010</b> , 270, 257-273	4.2	79
24	Detrital-zircon geochronology of Late Paleozoic sedimentary rocks in eastern Heilongjiang Province, NE China: Implications for the tectonic evolution of the eastern segment of the Central Asian Orogenic Belt. <i>Tectonophysics</i> , <b>2010</b> , 485, 42-51	3.1	127
23	Dunite xenoliths and olivine xenocrysts in gabbro from Taihang Mountains: Characteristics of Mesozoic lithospheric mantle in Central China. <i>Journal of Earth Science (Wuhan, China)</i> , <b>2010</b> , 21, 692-710	2.2	8
22	Chronology and geochemistry of Mesozoic granitoids in the Bengbu area, central China: Constraints on the tectonic evolution of the eastern North China Craton. <i>Lithos</i> , <b>2010</b> , 114, 200-216	2.9	70
21	Geochemistry of eclogite xenoliths in Mesozoic adakitic rocks from Xuzhou-Suzhou area in central China and their tectonic implications. <i>Lithos</i> , <b>2009</b> , 107, 269-280	2.9	53
20	Triassic volcanism in eastern Heilongjiang and Jilin provinces, NE China: Chronology, geochemistry, and tectonic implications. <i>Journal of Asian Earth Sciences</i> , <b>2009</b> , 34, 392-402	2.8	233
19	Chronology and Geochemistry of Mesozoic Volcanic Rocks in the Linjiang Area, Jilin Province and their Tectonic Implications. <i>Acta Geologica Sinica</i> , <b>2009</b> , 83, 245-257	0.7	34
18	Interaction of adakitic melt-peridotite: Implications for the high-Mg# signature of Mesozoic adakitic rocks in the eastern North China Craton. <i>Earth and Planetary Science Letters</i> , <b>2008</b> , 265, 123-137	5.3	180
17	Recycling deep cratonic lithosphere and generation of intraplate magmatism in the North China Craton. <i>Earth and Planetary Science Letters</i> , <b>2008</b> , 270, 41-53	5.3	365
16	Recycled crust controls contrasting source compositions of Mesozoic and Cenozoic basalts in the North China Craton. <i>Geochimica Et Cosmochimica Acta</i> , <b>2008</b> , 72, 2349-2376	5.5	193
15	Petrogenesis of Shangyu gabbro-diorites in western Shandong: Geochronological and geochemical evidence. <i>Science in China Series D: Earth Sciences</i> , <b>2008</b> , 51, 481-492		33
14	Permian volcanisms in eastern and southeastern margins of the Jiamusi Massif, northeastern China: zircon U-Pb chronology, geochemistry and its tectonic implications. <i>Science Bulletin</i> , <b>2008</b> , 53, 1231-1245	10.6	55
13	LA-ICP-MS zircon U-Pb dating from granitoids in southern basement of Songliao basin: Constraints on ages of the basin basement. <i>Science in China Series D: Earth Sciences</i> , <b>2007</b> , 50, 995-1004		85
12	Zircon U-Pb geochronology of basement metamorphic rocks in the Songliao Basin. <i>Science Bulletin</i> , <b>2007</b> , 52, 942-948		177
11	SHRIMP zircon U-Pb dating and its geological significance of Chibaisong gabbro in Tonghua area, Jilin Province, China. <i>Science in China Series D: Earth Sciences</i> , <b>2006</b> , 49, 368-374		14
10	Mesozoic crustal thickening of the eastern North China craton: Evidence from eclogite xenoliths and petrologic implications. <i>Geology</i> , <b>2006</b> , 34, 721	5	160
9	Mesozoic adakitic rocks from the Xuzhou-Suzhou area, eastern China: Evidence for partial melting of delaminated lower continental crust. <i>Journal of Asian Earth Sciences</i> , <b>2006</b> , 27, 230-240	2.8	61
8	Mesozoic adakitic rocks from the Xuzhou-Suzhou area, eastern China: Evidence for partial melting of delaminated lower continental crust. <i>Journal of Asian Earth Sciences</i> , <b>2006</b> , 27, 454-464	2.8	106

7	SHRIMP zircon U-Pb dating in Jingshan migmatitic granite in Bengbu and its geological significance. <i>Science in China Series D: Earth Sciences</i> , <b>2005</b> , 48, 185		23
6	Recycling lower continental crust in the North China craton. <i>Nature</i> , <b>2004</b> , 432, 892-7	50.4	1314
5	Discovery of dunite and pyroxenite xenoliths in Mesozoic diorite at Jinling, western Shandong and its significance. <i>Science Bulletin</i> , <b>2003</b> , 48, 1599-1604		18
4	Discovery of dunite and pyroxenite xenoliths in Mesozoic diorite at Jinling, western Shandong and its significance. <i>Science Bulletin</i> , <b>2003</b> , 48, 1599		3
3	Discovery of eclogite inclusions and its geological significance in early Jurassic intrusive complex in Xuzhou northern An-hui, eastern China. <i>Science Bulletin</i> , <b>2002</b> , 47, 1212		2
2	Transition from a passive to active continental margin setting for the NE Asian continental margin during the Mesozoic: Insights from the sedimentary formations and paleogeography of the eastern Jiamusi Massif, NE China. <i>Bulletin of the Geological Society of America</i> ,	3.9	1
1	Geochronology and Sr-Nd-Pb-Hf isotopic geochemistry of middle-late Permian granitic and volcanic rocks within the eastern margin of the Khanka Massif: petrogenesis and implications for the tectonic nature. <i>International Geology Review</i> , 1-19	2.3	0