

Wen-Liang Xu

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150
papers

8,136
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45
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88
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157
ext. papers

9,439
ext. citations

3.7
avg, IF

6.1
L-index

#	Paper	IF	Citations
150	Recycling lower continental crust in the North China craton. <i>Nature</i> , 2004 , 432, 892-7	50.4	1314
149	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> , 2013 , 74, 167-193	2.8	502
148	Recycling deep cratonic lithosphere and generation of intraplate magmatism in the North China Craton. <i>Earth and Planetary Science Letters</i> , 2008 , 270, 41-53	5.3	365
147	Triassic volcanism in eastern Heilongjiang and Jilin provinces, NE China: Chronology, geochemistry, and tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2009 , 34, 392-402	2.8	233
146	Recycled crust controls contrasting source compositions of Mesozoic and Cenozoic basalts in the North China Craton. <i>Geochimica Et Cosmochimica Acta</i> , 2008 , 72, 2349-2376	5.5	193
145	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> , 2008 , 265, 123-137	5.3	180
144	Zircon U-Pb geochronology of basement metamorphic rocks in the Songliao Basin. <i>Science Bulletin</i> , 2007 , 52, 942-948		177
143	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> , 2016 , 31, 218-240	5.1	176
142	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> , 2012 , 142-143, 256-266	2.9	175
141	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> , 2013 , 224, 597-611	3.9	164
140	Mesozoic crustal thickening of the eastern North China craton: Evidence from eclogite xenoliths and petrologic implications. <i>Geology</i> , 2006 , 34, 721	5	160
139	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> , 2013 , 170-171, 191-207	2.9	158
138	Early Jurassic subduction of the Paleo-Pacific Ocean in NE China: Petrologic and geochemical evidence from the Tumen mafic intrusive complex. <i>Lithos</i> , 2015 , 224-225, 46-60	2.9	134
137	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> , 2010 , 485, 42-51	3.1	127
136	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> , 2014 , 184-187, 1-16	2.9	126
135	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> , 2012 , 49, 234-248	2.8	124
134	Subduction history of the Paleo-Pacific slab beneath Eurasian continent: Mesozoic-Paleogene magmatic records in Northeast Asia. <i>Science China Earth Sciences</i> , 2018 , 61, 527-559	4.6	113

133	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> , 2011 , 41, 119-132	2.8	108
132	Mapping lithospheric boundaries using Os isotopes of mantle xenoliths: An example from the North China Craton. <i>Geochimica Et Cosmochimica Acta</i> , 2011 , 75, 3881-3902	5.5	107
131	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> , 2006 , 27, 454-464	2.8	106
130	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> , 2015 , 658, 91-110	3.1	97
129	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> , 2015 , 97, 406-423	2.8	94
128	Destruction of the North China Craton: Delamination or thermal/chemical erosion? Mineral chemistry and oxygen isotope insights from websterite xenoliths. <i>Gondwana Research</i> , 2013 , 23, 119-129 ^{5.1}	5.1	93
127	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> , 2012 , 136-139, 246-260	2.9	85
126	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> , 2007 , 50, 995-1004		85
125	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> , 2014 , 26, 402-413	5.1	84
124	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> , 2015 , 218-219, 73-86	2.9	81
123	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> , 2010 , 270, 257-273	4.2	79
122	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> , 2015 , 238, 13-25	2.9	77
121	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> , 2015 , 224-225, 143-159	2.9	71
120	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> , 2011 , 40, 636-650	2.8	71
119	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> , 2010 , 114, 200-216	2.9	70
118	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> , 2014 , 205, 394-410	2.9	68
117	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> , 2015 , 234-235, 27-46	2.9	64
116	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> , 2006 , 27, 230-240	2.8	61

115	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> , 2012 , 216-219, 162-176	3.9	59
114	Late Permian tectonic evolution at the southeastern margin of the Songnen-Xhangguangcai Range Massif, NE China: Constraints from geochronology and geochemistry of granitoids. <i>Gondwana Research</i> , 2013 , 24, 635-647	5.1	57
113	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> , 2008 , 53, 1231-1245	10.6	55
112	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> , 2016 , 266-267, 213-232	2.9	54
111	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-Dkhotsk tectonic regime. <i>Lithos</i> , 2018 , 304-307, 57-73	2.9	53
110	Geochemistry of eclogite xenoliths in Mesozoic adakitic rocks from Xuzhou-Suzhou area in central China and their tectonic implications. <i>Lithos</i> , 2009 , 107, 269-280	2.9	53
109	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> , 2012 , 23, 786-801	2.2	51
108	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> , 2016 , 38, 334-350	5.1	50
107	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> , 2017 , 48, 205-223	5.1	49
106	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> , 2016 , 261, 164-180	2.9	46
105	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> , 2017 , 143, 249-268	2.8	45
104	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-Xhanka Block. <i>Lithos</i> , 2017 , 268-271, 16-31	2.9	45
103	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> , 2020 , 81, 58-78	5.1	40
102	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> , 2017 , 144, 205-224	2.8	39
101	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> , 2015 , 97, 260-278	2.8	39
100	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> , 2017 , 49, 147-163	5.1	38
99	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> , 2016 , 261, 144-163	2.9	38
98	Geochronology and geochemistry of Late Triassic bimodal igneous rocks at the eastern margin of the Songnen-Xhangguangcai Range Massif, Northeast China: petrogenesis and tectonic implications. <i>International Geology Review</i> , 2016 , 58, 196-215	2.3	37

97	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> , 2017 , 144, 82-109	2.8	37
96	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> , 2016 , 281, 585-601	3.9	37
95	Middle Jurassic oceanic island igneous rocks of the Raohe accretionary complex, northeastern China: Petrogenesis and tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2015 , 111, 120-137	2.8	36
94	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> , 2014 , 271, 141-158	3.9	36
93	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> , 2013 , 166, 1469-1488	3.5	36
92	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> , 2014 , 25, 841-853	2.2	36
91	Petrogenesis of late Mesozoic granitoids in southern Jilin province, northeastern China: Geochronological, geochemical, and Sr/Rb isotopic evidence. <i>Lithos</i> , 2011 , 125, 27-39	2.9	36
90	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> , 2017 , 684, 271-287	3.1	35
89	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> , 2016 , 38, 220-237	5.1	34
88	Petrogenesis and tectonic implications of Early Jurassic volcanic rocks of the Raohe accretionary complex, NE China. <i>Journal of Asian Earth Sciences</i> , 2017 , 134, 262-280	2.8	34
87	Chronology and Geochemistry of Mesozoic Volcanic Rocks in the Linjiang Area, Jilin Province and their Tectonic Implications. <i>Acta Geologica Sinica</i> , 2009 , 83, 245-257	0.7	34
86	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> , 2016 , 266-267, 202-212	2.9	34
85	Petrogenesis of Shangyu gabbro-diorites in western Shandong: Geochronological and geochemical evidence. <i>Science in China Series D: Earth Sciences</i> , 2008 , 51, 481-492		33
84	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> , 2013 , 76, 12-29	2.8	32
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> , 2017 , 49, 278-295	5.1	32
82	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> , 2016 , 256-257, 132-147	2.9	32
81	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> , 2016 , 118, 11-31	2.8	31
80	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> , 2014 , 56, 653-671	2.3	31

79	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> , 2019 , 124, 2601-2622	3.6	31
78	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> , 2018 , 56, 51-68	5.1	30
77	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> , 2015 , 57, 211-228	2.3	28
76	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> , 2017 , 297, 19-32	3.9	27
75	Geochemistry of MORB and OIB in the Yuejinshan Complex, NE China: Implications for petrogenesis and tectonic setting. <i>Journal of Asian Earth Sciences</i> , 2017 , 145, 475-493	2.8	27
74	Formation of orthopyroxenite by reaction between peridotite and hydrous basaltic melt: an experimental study. <i>Contributions To Mineralogy and Petrology</i> , 2016 , 171, 1	3.5	25
73	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	10.2	25
72	Geochemical and SIMS U-Pb rutile and LA-ICP-MS U-Pb zircon geochronological evidence of the tectonic evolution of the Mudanjiang Ocean from amphibolites of the Heilongjiang Complex, NE China. <i>Gondwana Research</i> , 2019 , 69, 25-44	5.1	25
71	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> , 2017 , 148, 265-276	2.8	23
70	SHRIMP zircon U-Pb dating in Jingshan migmatitic granite-Bengbu and its geological significance. <i>Science in China Series D: Earth Sciences</i> , 2005 , 48, 185		23
69	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> , 2017 , 9, 803-827	2.7	21
68	Big insights from tiny peridotites: Evidence for persistence of Precambrian lithosphere beneath the eastern North China Craton. <i>Tectonophysics</i> , 2015 , 650, 104-112	3.1	19
67	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> , 2019 , 326-327, 415-434	2.9	19
66	Discovery of dunite and pyroxenite xenoliths in Mesozoic diorite at Jinling, western Shandong and its significance. <i>Science Bulletin</i> , 2003 , 48, 1599-1604		18
65	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> , 2017 , 60, 1256-1267	4.6	17
64	Late Paleozoic tectonic evolution of the central Great Xing'an Range, northeast China: geochronological and geochemical evidence from igneous rocks. <i>Geological Journal</i> , 2018 , 53, 282-303	1.7	16
63	Early Neoproterozoic magmatism and the associated metamorphism in the Songnen Massif, NE China: Petrogenesis and tectonic implications. <i>Precambrian Research</i> , 2019 , 328, 250-268	3.9	15
62	Geochronology and geochemistry of early Paleozoic intrusive rocks from the Khanka Massif in the Russian Far East: Petrogenesis and tectonic implications. <i>Lithos</i> , 2018 , 300-301, 105-120	2.9	15

61	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> , 2019 , 332-333, 340-354	2.9	14
60	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> , 2006 , 49, 368-374		14
59	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	5.5	14
58	SIMS U-Pb dating of rutile within eclogitic xenoliths in the Early Cretaceous adakitic rocks of the Xuzhou-Huaibei area, China: Constraints on the timing of crustal thickening of the eastern North China Craton. <i>Science China Earth Sciences</i> , 2015 , 58, 1100-1106	4.6	13
57	Geochronology and geochemistry of early Mesozoic magmatism in the northeastern North China Craton: Implications for tectonic evolution. <i>Gondwana Research</i> , 2019 , 67, 33-45	5.1	13
56	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> , 2015 , 224-225, 101-113	2.9	12
55	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> , 2012 , 566-567, 105-105	3.1	12
54	Geochronology and geochemistry of Neoproterozoic magmatism in the Bureya Block, Russian Far East: Petrogenesis and implications for Rodinia reconstruction. <i>Precambrian Research</i> , 2020 , 342, 105676 ^{3.9}		11
53	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> , 2020 , 55, 1781-1807	1.7	11
52	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> , 2018 , 60, 2046-2062	2.3	11
51	Age and evolution of the lithospheric mantle beneath the Khanka Massif: Geochemical and Re-Os isotopic evidence from Sviyagino mantle xenoliths. <i>Lithos</i> , 2017 , 282-283, 326-338	2.9	10
50	Sr-Nd-Hf 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> , 2019 , 336-337, 1-13	2.9	10
49	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> , 2012 , 57, 651-659		10
48	Provenance and tectonic implications of Cambrian sedimentary rocks in the Bureya Massif, Central Asian Orogenic Belt, Russia. <i>Journal of Asian Earth Sciences</i> , 2019 , 172, 393-408	2.8	9
47	Stagnant slab front within the mantle transition zone controls the formation of Cenozoic intracontinental high-Mg andesites in northeast Asia. <i>Geology</i> , 2021 , 49, 19-24	5	9
46	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> , 2019 , 332-333, 207-225	2.9	8
45	Tectonic evolution of the northeastern North China Craton: Constraints from geochronology and Sr-Nd-Hf-O isotopic data from Late Triassic intrusive rocks on Liaodong Peninsula, NE China. <i>Lithos</i> , 2020 , 362-363, 105489	2.9	8
44	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> , 2020 , 84, 111-130	5.1	8

43	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> , 2018 , 29, 255-264	2.2	8
42	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> , 2018 , 57, 119-132	5.1	8
41	Origin and tectonic evolution of early Paleozoic arc terranes abutting the northern margin of North China Craton. <i>International Journal of Earth Sciences</i> , 2018 , 107, 1911-1933	2.2	8
40	Olivine Oxygen Isotope Evidence for Intracontinental Recycling of Delaminated Continental Crust. <i>Geochemistry, Geophysics, Geosystems</i> , 2018 , 19, 1913-1924	3.6	8
39	Titanite evidence for Triassic thickened lower crust along southeastern margin of North China Craton. <i>Lithos</i> , 2014 , 206-207, 277-288	2.9	8
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