

# Yaoling Niu

## List of Publications by Citations

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L-index

#	Paper	IF	Citations
223	Petrogenesis of Mesozoic granitoids and volcanic rocks in South China: A response to tectonic evolution. <i>Episodes</i> , <b>2006</b> , 29, 26-33	1.6	1069
222	The Lhasa Terrane: Record of a microcontinent and its histories of drift and growth. <i>Earth and Planetary Science Letters</i> , <b>2011</b> , 301, 241-255	5.3	837
221	The origin and pre-Cenozoic evolution of the Tibetan Plateau. <i>Gondwana Research</i> , <b>2013</b> , 23, 1429-1454	5.1	809
220	Bulk-rock Major and Trace Element Compositions of Abyssal Peridotites: Implications for Mantle Melting, Melt Extraction and Post-melting Processes Beneath Mid-Ocean Ridges. <i>Journal of Petrology</i> , <b>2004</b> , 45, 2423-2458	3.9	518
219	Temperatures in ambient mantle and plumes: Constraints from basalts, picrites, and komatiites. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2007</b> , 8, n/a-n/a	3.6	469
218	Contribution of syncollisional felsic magmatism to continental crust growth: A case study of the Paleogene Linzizong volcanic Succession in southern Tibet. <i>Chemical Geology</i> , <b>2008</b> , 250, 49-67	4.2	468
217	Mantle contributions to crustal thickening during continental collision: Evidence from Cenozoic igneous rocks in southern Tibet. <i>Lithos</i> , <b>2007</b> , 96, 225-242	2.9	444
216	Tectonics of the North Qilian orogen, NW China. <i>Gondwana Research</i> , <b>2013</b> , 23, 1378-1401	5.1	405
215	Mantle Melting and Melt Extraction Processes beneath Ocean Ridges: Evidence from Abyssal Peridotites. <i>Journal of Petrology</i> , <b>1997</b> , 38, 1047-1074	3.9	395
214	A long in situ section of the lower ocean crust: results of ODP Leg 176 drilling at the Southwest Indian Ridge. <i>Earth and Planetary Science Letters</i> , <b>2000</b> , 179, 31-51	5.3	373
213	Lhasa terrane in southern Tibet came from Australia. <i>Geology</i> , <b>2011</b> , 39, 727-730	5	337
212	Trace element evidence from seamounts for recycled oceanic crust in the Eastern Pacific mantle. <i>Earth and Planetary Science Letters</i> , <b>1997</b> , 148, 471-483	5.3	333
211	Evolution from Oceanic Subduction to Continental Collision: a Case Study from the Northern Tibetan Plateau Based on Geochemical and Geochronological Data. <i>Journal of Petrology</i> , <b>2006</b> , 47, 435-455	3.9	328
210	Geochemical investigation of Early Cretaceous igneous rocks along an east-west traverse throughout the central Lhasa Terrane, Tibet. <i>Chemical Geology</i> , <b>2009</b> , 268, 298-312	4.2	317
209	Geochemical and SrNdPb isotopic compositions of the post-collisional ultrapotassic magmatism in SW Tibet: Petrogenesis and implications for India intra-continental subduction beneath southern Tibet. <i>Lithos</i> , <b>2009</b> , 113, 190-212	2.9	301
208	Origin of ocean island basalts: A new perspective from petrology, geochemistry, and mineral physics considerations. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,		251
207	Continental orogenesis from ocean subduction, continent collision/subduction, to orogen collapse, and orogen recycling: The example of the North Qaidam UHPM belt, NW China. <i>Earth-Science Reviews</i> , <b>2014</b> , 129, 59-84	10.2	248

206	Cambrian bimodal volcanism in the Lhasa Terrane, southern Tibet: Record of an early Paleozoic Andean-type magmatic arc in the Australian proto-Tethyan margin. <i>Chemical Geology</i> , <b>2012</b> , 328, 290-308	4.2	238
205	Geochronology of diamond-bearing zircons from garnet peridotite in the North Qaidam UHPM belt, Northern Tibetan Plateau: A record of complex histories from oceanic lithosphere subduction to continental collision. <i>Earth and Planetary Science Letters</i> , <b>2005</b> , 234, 99-118	5.3	232
204	Magmatic record of India-Asia collision. <i>Scientific Reports</i> , <b>2015</b> , 5, 14289	4.9	212
203	Origin of enriched-type mid-ocean ridge basalt at ridges far from mantle plumes: The East Pacific Rise at 11°20'N. <i>Journal of Geophysical Research</i> , <b>1999</b> , 104, 7067-7087		201
202	An empirical method for calculating melt compositions produced beneath mid-ocean ridges: Application for axis and off-axis (seamounts) melting. <i>Journal of Geophysical Research</i> , <b>1991</b> , 96, 21753-21777		195
201	Petrogenesis and tectonic significance of a Mesozoic granite-kyanite-gabbro association from inland South China. <i>Lithos</i> , <b>2010</b> , 119, 621-641	2.9	187
200	Geochemistry of near-EPR seamounts: importance of source vs. process and the origin of enriched mantle component. <i>Earth and Planetary Science Letters</i> , <b>2002</b> , 199, 327-345	5.3	184
199	Continental collision zones are primary sites for net continental crust growth: A testable hypothesis. <i>Earth-Science Reviews</i> , <b>2013</b> , 127, 96-110	10.2	183
198	Spreading-rate dependence of the extent of mantle melting beneath ocean ridges. <i>Nature</i> , <b>1997</b> , 385, 326-329	50.4	180
197	The 132 Ma Comei-Bunbury large igneous province: Remnants identified in present-day southeastern Tibet and southwestern Australia. <i>Geology</i> , <b>2009</b> , 37, 583-586	5	170
196	Initiation of Subduction Zones as a Consequence of Lateral Compositional Buoyancy Contrast within the Lithosphere: a Petrological Perspective. <i>Journal of Petrology</i> , <b>2003</b> , 44, 851-866	3.9	167
195	Lithium isotope evidence for subduction-enriched mantle in the source of mid-ocean-ridge basalts. <i>Nature</i> , <b>2006</b> , 443, 565-8	50.4	165
194	The origin of abyssal peridotites: a new perspective. <i>Earth and Planetary Science Letters</i> , <b>1997</b> , 152, 251-265	5.9	162
193	Basaltic liquids and harzburgitic residues in the Garrett Transform: a case study at fast-spreading ridges. <i>Earth and Planetary Science Letters</i> , <b>1997</b> , 146, 243-258	5.3	161
192	Tracing the 850-Ma continental flood basalts from a piece of subducted continental crust in the North Qaidam UHPM belt, NW China. <i>Precambrian Research</i> , <b>2010</b> , 183, 805-816	3.9	159
191	The lithium isotopic composition of orogenic eclogites and deep subducted slabs. <i>Earth and Planetary Science Letters</i> , <b>2007</b> , 262, 563-580	5.3	158
190	Ultra-deep origin of garnet peridotite from the North Qaidam ultrahigh-pressure belt, Northern Tibetan Plateau, NW China. <i>American Mineralogist</i> , <b>2004</b> , 89, 1330-1336	2.9	158
189	Direct geological evidence for oceanic detachment faulting: The Mid-Atlantic Ridge, 15°45'N. <i>Geology</i> , <b>2002</b> , 30, 879	5	158

188	Ophiolites in the Xing'an-Inner Mongolia accretionary belt of the CAOB: Implications for two cycles of seafloor spreading and accretionary orogenic events. <i>Tectonics</i> , <b>2015</b> , 34, 2221-2248	4.3	157
187	The Origin of Intra-plate Ocean Island Basalts (OIB): the Lid Effect and its Geodynamic Implications. <i>Journal of Petrology</i> , <b>2011</b> , 52, 1443-1468	3.9	156
186	The subducted oceanic crust within continental-type UHP metamorphic belt in the North Qaidam, NW China: Evidence from petrology, geochemistry and geochronology. <i>Lithos</i> , <b>2008</b> , 104, 99-118	2.9	156
185	A possible model for the lithospheric thinning of North China Craton: Evidence from the Yanshanian (Jura-Cretaceous) magmatism and tectonism. <i>Lithos</i> , <b>2007</b> , 96, 22-35	2.9	153
184	Grenville-age orogenesis in the Qaidam-Qilian block: The link between South China and Tarim. <i>Precambrian Research</i> , <b>2012</b> , 220-221, 9-22	3.9	150
183	Geochemical constraints on the petrogenesis of granitoids in the East Kunlun Orogenic belt, northern Tibetan Plateau: Implications for continental crust growth through syn-collisional felsic magmatism. <i>Chemical Geology</i> , <b>2014</b> , 370, 1-18	4.2	149
182	Geochemistry of TTG and TTG-like gneisses from Lushan-Taihua complex in the southern North China Craton: Implications for late Archean crustal accretion. <i>Precambrian Research</i> , <b>2010</b> , 182, 43-56	3.9	148
181	Metamorphism, anatexis, zircon ages and tectonic evolution of the Gongshan block in the northern Indochina continent: An eastern extension of the Lhasa Block. <i>Lithos</i> , <b>2010</b> , 120, 327-346	2.9	148
180	Global Correlations of Ocean Ridge Basalt Chemistry with Axial Depth: a New Perspective. <i>Journal of Petrology</i> , <b>2008</b> , 49, 633-664	3.9	145
179	Presence of Permian extension- and arc-type magmatism in southern Tibet: Paleogeographic implications. <i>Bulletin of the Geological Society of America</i> , <b>2010</b> , 122, 979-993	3.9	143
178	The geochemical consequences of late-stage low-grade alteration of lower ocean crust at the SW Indian Ridge: results from ODP Hole 735B (Leg 176). <i>Geochimica Et Cosmochimica Acta</i> , <b>2001</b> , 65, 3267-3287	5.5	142
177	Postcollisional potassic and ultrapotassic rocks in southern Tibet: Mantle and crustal origins in response to India-Asia collision and convergence. <i>Geochimica Et Cosmochimica Acta</i> , <b>2014</b> , 143, 207-231	5.5	138
176	MORB mantle hosts the missing Eu (Sr, Nb, Ta and Ti) in the continental crust: New perspectives on crustal growth, crust-mantle differentiation and chemical structure of oceanic upper mantle. <i>Lithos</i> , <b>2009</b> , 112, 1-17	2.9	135
175	Mantle source heterogeneity and melting processes beneath seafloor spreading centers: The East Pacific Rise, 18°N. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 27711-27733		133
174	Eclogite and carpholite-bearing metasedimentary rocks in the North Qilian suture zone, NW China: implications for Early Palaeozoic cold oceanic subduction and water transport into mantle. <i>Journal of Metamorphic Geology</i> , <b>2007</b> , 25, 547-563	4.4	132
173	Variations in the geochemistry of magmatism on the East Pacific Rise at 10°N since 800 ka. <i>Earth and Planetary Science Letters</i> , <b>1999</b> , 168, 45-63	5.3	132
172	Petrogenesis of highly fractionated I-type granites in the Zayu area of eastern Gangdese, Tibet: Constraints from zircon U-Pb geochronology, geochemistry and Sr-Nd-Hf isotopes. <i>Science in China Series D: Earth Sciences</i> , <b>2009</b> , 52, 1223-1239		123
171	Petrology and magma chamber processes at the East Pacific Rise ~ 9°N. <i>Journal of Geophysical Research</i> , <b>1992</b> , 97, 6779		122

170	On the composition of ocean island basalts (OIB): The effects of lithospheric thickness variation and mantle metasomatism. <i>Lithos</i> , <b>2009</b> , 112, 118-136	2.9	118
169	Zircon U-Pb dating and in-situ Hf isotopic analysis of Permian peraluminous granite in the Lhasa terrane, southern Tibet: Implications for Permian collisional orogeny and paleogeography. <i>Tectonophysics</i> , <b>2009</b> , 469, 48-60	3.1	115
168	Tectonic evolution of early Paleozoic HP metamorphic rocks in the North Qilian Mountains, NW China: New perspectives. <i>Journal of Asian Earth Sciences</i> , <b>2009</b> , 35, 334-353	2.8	114
167	The terrestrial uranium isotope cycle. <i>Nature</i> , <b>2015</b> , 517, 356-9	50.4	110
166	Tholeiite-Boninite terrane in the North Qilian suture zone: Implications for subduction initiation and back-arc basin development. <i>Chemical Geology</i> , <b>2012</b> , 328, 259-277	4.2	110
165	CH <sub>4</sub> inclusions in orogenic harzburgite: Evidence for reduced slab fluids and implication for redox melting in mantle wedge. <i>Geochimica Et Cosmochimica Acta</i> , <b>2009</b> , 73, 1737-1754	5.5	108
164	Melting of continental crust during subduction initiation: A case study from the Chaidanuo peraluminous granite in the North Qilian suture zone. <i>Geochimica Et Cosmochimica Acta</i> , <b>2014</b> , 132, 311-336	5.5	102
163	Exotic origin of the Chinese continental shelf: new insights into the tectonic evolution of the western Pacific and eastern China since the Mesozoic. <i>Science Bulletin</i> , <b>2015</b> , 60, 1598-1616	10.6	94
162	Geochemistry of lavas from the Garrett Transform Fault: insights into mantle heterogeneity beneath the eastern Pacific. <i>Earth and Planetary Science Letters</i> , <b>1999</b> , 173, 271-284	5.3	94
161	Mineralogical and Geochemical Constraints on the Petrogenesis of Post-collisional Potassic and Ultrapotassic Rocks from Western Yunnan, SW China. <i>Journal of Petrology</i> , <b>2010</b> , 51, 1617-1654	3.9	87
160	Zircon U-Pb SHRIMP ages of eclogites from the North Qilian Mountains in NW China and their tectonic implication. <i>Science Bulletin</i> , <b>2004</b> , 49, 848-852		87
159	Neoproterozoic amalgamation between Yangtze and Cathaysia blocks: The magmatism in various tectonic settings and continent-arc-continent collision. <i>Precambrian Research</i> , <b>2018</b> , 309, 56-87	3.9	86
158	Two-component mantle melting-mixing model for the generation of mid-ocean ridge basalts: Implications for the volatile content of the Pacific upper mantle. <i>Geochimica Et Cosmochimica Acta</i> , <b>2016</b> , 176, 44-80	5.5	85
157	Adakitic (tonalitic-trondhjemitic) magmas resulting from eclogite decompression and dehydration melting during exhumation in response to continental collision. <i>Geochimica Et Cosmochimica Acta</i> , <b>2014</b> , 130, 42-62	5.5	85
156	The nature and history of the Qilian Block in the context of the development of the Greater Tibetan Plateau. <i>Gondwana Research</i> , <b>2015</b> , 28, 209-224	5.1	84
155	Geological understanding of plate tectonics: Basic concepts, illustrations, examples and new perspectives. <i>Global Tectonics and Metallogeny</i> , <b>2018</b> , 10, 23-46		82
154	UHP metamorphic evolution and SHRIMP geochronology of a coesite-bearing meta-ophiolitic gabbro in the North Qaidam, NW China. <i>Journal of Asian Earth Sciences</i> , <b>2009</b> , 35, 310-322	2.8	80
153	Mantle compositional control on the extent of mantle melting, crust production, gravity anomaly, ridge morphology, and ridge segmentation: a case study at the Mid-Atlantic Ridge 33°51'N. <i>Earth and Planetary Science Letters</i> , <b>2001</b> , 186, 383-399	5.3	80

152	Chemical variation trends at fast and slow spreading mid-ocean ridges. <i>Journal of Geophysical Research</i> , <b>1993</b> , 98, 7887-7902		79
151	Sodic amphibole exsolutions in garnet from garnet-peridotite, North Qaidam UHPM belt, NW China: Implications for ultradeep-origin and hydroxyl defects in mantle garnets. <i>American Mineralogist</i> , <b>2005</b> , 90, 814-820	2.9	76
150	Mantle Melting and Melt Extraction Processes beneath Ocean Ridges: Evidence from Abyssal Peridotites		73
149	Zircon xenocrysts in Tibetan ultrapotassic magmas: Imaging the deep crust through time. <i>Geology</i> , <b>2014</b> , 42, 43-46	5	71
148	UHP metamorphic evolution of coesite-bearing eclogite from the Yuka terrane, North Qaidam UHPM belt, NW China. <i>European Journal of Mineralogy</i> , <b>2010</b> , 21, 1287-1300	2.2	70
147	HP/UHP Metamorphic Belt in the East Kunlun Orogen: Final Closure of the Proto-Tethys Ocean and Formation of the Pan-North-China Continent. <i>Journal of Petrology</i> , <b>2018</b> , 59, 2043-2060	3.9	67
146	Geochronology and geochemistry of the Early Jurassic Yeba Formation volcanic rocks in southern Tibet: Initiation of back-arc rifting and crustal accretion in the southern Lhasa Terrane. <i>Lithos</i> , <b>2017</b> , 278-281, 477-490	2.9	65
145	Qi-Qin Accretionary Belt in Central China Orogen: accretion by trench jam of oceanic plateau and formation of intra-oceanic arc in the Early Paleozoic Qin-Qi-Kun Ocean. <i>Science Bulletin</i> , <b>2017</b> , 62, 1035-1038	10.6	65
144	Geochronology and geochemistry of Cenozoic basalts from eastern Guangdong, SE China: constraints on the lithosphere evolution beneath the northern margin of the South China Sea. <i>Contributions To Mineralogy and Petrology</i> , <b>2013</b> , 165, 437-455	3.5	64
143	Petrological and geochemical constraints on the origin of garnet peridotite in the North Qaidam ultrahigh-pressure metamorphic belt, northwestern China. <i>Lithos</i> , <b>2007</b> , 96, 243-265	2.9	64
142	Magmatism during continental collision, subduction, exhumation and mountain collapse in collisional orogenic belts and continental net growth: A perspective. <i>Science China Earth Sciences</i> , <b>2015</b> , 58, 1284-1304	4.6	63
141	Lithosphere thinning beneath west North China Craton: Evidence from geochemical and Sr/Nd/Bf isotope compositions of Jining basalts. <i>Lithos</i> , <b>2014</b> , 202-203, 37-54	2.9	62
140	Post-collisional magmatism: Consequences of UHPM terrane exhumation and orogen collapse, N. Qaidam UHPM belt, NW China. <i>Lithos</i> , <b>2014</b> , 210-211, 181-198	2.9	61
139	Sr, Nd and Pb isotopic variation along the Pacific-Antarctic rise crest, 53°S: Implications for the composition and dynamics of the South Pacific upper mantle. <i>Earth and Planetary Science Letters</i> , <b>1998</b> , 154, 109-125	5.3	61
138	Geochemistry. The origin of alkaline lavas. <i>Science</i> , <b>2008</b> , 320, 883-4	33.3	61
137	Identifying mantle carbonatite metasomatism through Os/Br/Mg isotopes in Tibetan ultrapotassic rocks. <i>Earth and Planetary Science Letters</i> , <b>2015</b> , 430, 458-469	5.3	60
136	In Situ Densities of Morb Melts and Residual Mantle: Implications for Buoyancy Forces beneath Mid-Ocean Ridges. <i>Journal of Geology</i> , <b>1991</b> , 99, 767-775	2	60
135	The stable vanadium isotope composition of the mantle and mafic lavas. <i>Earth and Planetary Science Letters</i> , <b>2013</b> , 365, 177-189	5.3	59

134	A trace element perspective on the source of ocean island basalts (OIB) and fate of subducted ocean crust (SOC) and mantle lithosphere (SML). <i>Episodes</i> , <b>2012</b> , 35, 310-327	1.6	59
133	Petrogenesis of Triassic granitoids in the East Kunlun Orogenic Belt, northern Tibetan Plateau and their tectonic implications. <i>Lithos</i> , <b>2017</b> , 282-283, 33-44	2.9	57
132	Petrogenesis and tectonic significance of the late Triassic mafic dikes and felsic volcanic rocks in the East Kunlun Orogenic Belt, Northern Tibet Plateau. <i>Lithos</i> , <b>2016</b> , 245, 205-222	2.9	56
131	Magmatic processes at a slow spreading ridge segment: 26°S Mid-Atlantic Ridge. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 19719-19740		56
130	Syn-collisional adakitic granodiorites formed by fractional crystallization: Insights from their enclosed mafic magmatic enclaves (MMEs) in the Qumushan pluton, North Qilian Orogen at the northern margin of the Tibetan Plateau. <i>Lithos</i> , <b>2016</b> , 248-251, 455-468	2.9	53
129	The syncollisional granitoid magmatism and continental crust growth in the West Kunlun Orogen, China [Evidence from geochronology and geochemistry of the Arkarz pluton. <i>Lithos</i> , <b>2016</b> , 245, 191-204	2.9	52
128	Some basic concepts and problems on the petrogenesis of intra-plate ocean island basalts. <i>Science Bulletin</i> , <b>2009</b> , 54, 4148-4160		52
127	Basalts and picrites from a plume-type ophiolite in the South Qilian Accretionary Belt, Qilian Orogen: Accretion of a Cambrian Oceanic Plateau?. <i>Lithos</i> , <b>2017</b> , 278-281, 97-110	2.9	51
126	Chemistry of seamounts near the East Pacific Rise: Implications for the geometry of subaxial mantle flow. <i>Geology</i> , <b>1990</b> , 18, 1122	5	51
125	Magmatism in the Garrett transform fault (East Pacific Rise near 13°27'S). <i>Journal of Geophysical Research</i> , <b>1995</b> , 100, 10163-10185		49
124	Mesozoic-Cenozoic mantle evolution beneath the North China Craton: A new perspective from Hf and isotopes of basalts. <i>Gondwana Research</i> , <b>2015</b> , 27, 1574-1585	5.1	47
123	Mantle input to the crust in Southern Gangdese, Tibet, during the Cenozoic: Zircon Hf isotopic evidence. <i>Journal of Earth Science (Wuhan, China)</i> , <b>2009</b> , 20, 241-249	2.2	46
122	Simple and cost-effective methods for precise analysis of trace element abundances in geological materials with ICP-MS. <i>Science Bulletin</i> , <b>2017</b> , 62, 277-289	10.6	44
121	The 600-80Ma continental rift basalts in North Qilian Shan, northwest China: Links between the Qilian-Qaidam block and SE Australia, and the reconstruction of East Gondwana. <i>Precambrian Research</i> , <b>2015</b> , 257, 47-64	3.9	44
120	Shallow origin for South Atlantic Dupal Anomaly from lower continental crust: Geochemical evidence from the Mid-Atlantic Ridge at 26°S. <i>Lithos</i> , <b>2009</b> , 112, 57-72	2.9	44
119	The origin of Cenozoic basalts from central Inner Mongolia, East China: The consequence of recent mantle metasomatism genetically associated with seismically observed paleo-Pacific slab in the mantle transition zone. <i>Lithos</i> , <b>2016</b> , 240-243, 104-118	2.9	42
118	An 850-20 Ma LIP dismembered during breakup of the Rodinia supercontinent and destroyed by Early Paleozoic continental subduction in the northern Tibetan Plateau, NW China. <i>Precambrian Research</i> , <b>2016</b> , 282, 52-73	3.9	41
117	Variation of mineral composition, fabric and oxygen fugacity from massive to foliated eclogites during exhumation of subducted ocean crust in the North Qilian suture zone, NW China. <i>Journal of Metamorphic Geology</i> , <b>2011</b> , 29, 699-720	4.4	40

116	Two types of peridotite in North Qaidam UHPM belt and their tectonic implications for oceanic and continental subduction: A review. <i>Journal of Asian Earth Sciences</i> , <b>2009</b> , 35, 285-297	2.8	40
115	On the origin of mafic magmatic enclaves (MMEs) in syn-collisional granitoids: evidence from the Baojishan pluton in the North Qilian Orogen, China. <i>Mineralogy and Petrology</i> , <b>2015</b> , 109, 577-596	1.6	39
114	Elemental responses to subduction-zone metamorphism: Constraints from the North Qilian Mountain, NW China. <i>Lithos</i> , <b>2013</b> , 160-161, 55-67	2.9	39
113	Highly refractory peridotites in Songshugou, Qinling orogen: Insights into partial melting and melt/fluid-rock reactions in forearc mantle. <i>Lithos</i> , <b>2016</b> , 252-253, 234-254	2.9	38
112	U-Th-Ra disequilibria and the extent of off-axis volcanism across the East Pacific Rise at 9°30'N, 10°30'N, and 11°20'N. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2011</b> , 12, n/a-n/a	3.6	38
111	The Luliangshan garnet peridotite massif of the North Qaidam UHPM belt, NW China - a review of its origin and metamorphic evolution. <i>Journal of Metamorphic Geology</i> , <b>2009</b> , 27, 621-638	4.4	38
110	Petrological, geochemical and geochronological evidence for a Neoproterozoic ocean basin recorded in the Marlborough terrane of the northern New England Fold Belt. <i>Australian Journal of Earth Sciences</i> , <b>2000</b> , 47, 1053-1064	1.4	37
109	Trace element behavior and Pb evolution during partial melting of exhumed eclogite in the North Qaidam UHPM belt (NW China): Implications for adakite genesis. <i>Lithos</i> , <b>2015</b> , 226, 65-80	2.9	34
108	DENSICAL: Program for calculating densities of silicate melts and mantle minerals as a function of pressure, temperature, and composition in melting range. <i>Computers and Geosciences</i> , <b>1991</b> , 17, 679-687	4.5	34
107	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
106	Trace-element transport during subduction-zone ultrahigh-pressure metamorphism: Evidence from western Tianshan, China. <i>Bulletin of the Geological Society of America</i> , <b>2012</b> , 124, 1113-1129	3.9	33
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