

# Metamorphism and the evolution of plate tectonics

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Two styles of plate tectonics in Earth's history. <i>Science Bulletin</i> , 2020, 65, 329-334.	4.3	94
2	Open-system fractional melting of Archean basalts: implications for tonalite-trondhjemite-granodiorite (TTG) magma genesis. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	1.2	15
3	Thermobarometry of CO <sub>2</sub> -rich, silica-undersaturated melts constrains cratonic lithosphere thinning through time in areas of kimberlitic magmatism. <i>Earth and Planetary Science Letters</i> , 2020, 550, 116549.	1.8	25
4	The progressive onset and evolution of Precambrian subduction and plate tectonics. <i>Science China Earth Sciences</i> , 2020, 63, 2068-2086.	2.3	11
5	Juxtaposition of diverse, subduction-related tectonic blocks with contrasting metamorphic features and ages in the Paleoproterozoic Aketashitage orogen, NW China: Implications for Precambrian orogeny. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 1483-1504.	1.6	9
6	Seismological evidence for the earliest global subduction network at 2 Ga ago. <i>Science Advances</i> , 2020, 6, eabc5491.	4.7	82
7	Blueschist: A window into high-pressure/low-temperature metamorphism and subduction zone dynamics. <i>Science China Earth Sciences</i> , 2020, 63, 1852-1867.	2.3	5
8	The Evolution of the Continental Crust and the Onset of Plate Tectonics. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	95
9	Eclogite resembling metamorphic disequilibrium assemblage formed through fluid-induced metasomatic reactions. <i>Scientific Reports</i> , 2020, 10, 19869.	1.6	8
10	Eoarchean contrasting ultra-high-pressure to low-pressure metamorphisms (<250 to) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 38 105770.	1.2	39
11	Geochronology and petrogenesis of the Neoproterozoic Taihua Complex, NE China: Implications for the evolution of the North China Craton. <i>Precambrian Research</i> , 2020, 346, 105792.	1.2	13
12	Arc accretion and crustal reworking from late Archean to Neoproterozoic in Northeast Brazil. <i>Scientific Reports</i> , 2020, 10, 7855.	1.6	23
13	Paired metamorphism in the Neoproterozoic: A record of accretionary-to-collisional orogenesis in the North China Craton. <i>Earth and Planetary Science Letters</i> , 2020, 543, 116355.	1.8	68
14	Diversity of late Neoproterozoic K-rich granitoid rocks derived from subduction-related crust/mantle interactions in the Jiaobei terrane, North China Craton. <i>Gondwana Research</i> , 2020, 85, 84-102.	3.0	10
15	Geological record of Paleoproterozoic oceanic tectonics preserved in the c. 3.3 Ga Kromberg volcanic type-section, Barberton greenstone belt, South Africa. <i>Precambrian Research</i> , 2020, 346, 105815.	1.2	3
16	Crust-mantle geodynamic origin of ~2.7 Ga granitoid diversification in the Jiaobei terrane, North China Craton. <i>Precambrian Research</i> , 2020, 346, 105821.	1.2	11
17	Growth of primordial continents by cycles of oceanic lithosphere subductions: Evidence from tilted seismic anisotropy supported by geochemical and petrological findings. <i>Solid Earth Sciences</i> , 2020, 5, 50-68.	0.8	2
18	Hadean Earth. , 2020, , .		21

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19	High-pressure metamorphic rocks in the Borborema Province, Northeast Brazil: Reworking of Archean oceanic crust during proterozoic orogenies. <i>Geoscience Frontiers</i> , 2020, 11, 2221-2242.	4.3	14
20	Paleoproterozoic oceanic subduction in the North China Craton: Insights from the metamorphic P-T paths of the Chicheng Mafic Complex in the Hongqiyingzi Complex. <i>Precambrian Research</i> , 2020, 342, 105671.	1.2	22
21	Discovery of kyanite in typically cordierite/sillimanite-bearing low- to medium-pressure pelitic granulites from the Jiaobei terrain, North China Craton. <i>Precambrian Research</i> , 2020, 342, 105677.	1.2	17
22	Contrasting P-T-t paths reveal a metamorphic discontinuity in the New Quebec Orogen: Insights into Paleoproterozoic orogenic processes. <i>Precambrian Research</i> , 2020, 342, 105675.	1.2	11
23	Evolution of geodynamics since the Archean: Significant change at the dawn of the Phanerozoic. <i>Geology</i> , 2020, 48, 488-492.	2.0	48
24	Plate Tectonics and the Archean Earth. <i>Annual Review of Earth and Planetary Sciences</i> , 2020, 48, 291-320.	4.6	196
25	Chemical evolution of the continental crust from a data-driven inversion of terrigenous sediment compositions. <i>Earth and Planetary Science Letters</i> , 2020, 539, 116090.	1.8	42
26	Multiple stages of migmatite generation during the Archean to Proterozoic crustal evolution in the Borborema Province, Northeast Brazil. <i>Gondwana Research</i> , 2021, 90, 314-334.	3.0	8
27	Local Rapid Exhumation and Fast Cooling in a Long-lived Paleoproterozoic Orogeny. <i>Journal of Petrology</i> , 2021, 61, .	1.1	5
28	Subduction-Driven Volatile Recycling: A Global Mass Balance. <i>Annual Review of Earth and Planetary Sciences</i> , 2021, 49, 37-70.	4.6	65
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38	Long-lived anatexis in the exhumed middle crust of the Torngat Orogen: Constraints from phase equilibria modeling and garnet, zircon, and monazite geochronology. <i>Lithos</i> , 2021, 388-389, 106022.	0.6	4
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40	A review of the geochemical changes occurring during metamorphic devolatilization of metasedimentary rocks. <i>Chemical Geology</i> , 2021, 568, 120080.	1.4	13
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42	Improved resolution of Paleoproterozoic orogenesis: Multi-directional collision tectonics in the Sodankylä belt of northern Finland. <i>Precambrian Research</i> , 2021, 359, 106193.	1.2	7
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44	Garnet perspectives on the metamorphic history and tectonic significance of Paleoproterozoic high-pressure mafic granulites from the northern Hengshan, North China Craton. <i>Lithos</i> , 2021, 394-395, 106139.	0.6	3
45	Origin, Accretion, and Reworking of Continents. <i>Reviews of Geophysics</i> , 2021, 59, e2019RG000689.	9.0	48
46	Enigmatic Mid-Proterozoic Orogens: Hot, Thin, and Low. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093312.	1.5	35
47	Detrital rutile tracks the first appearance of subduction zone low T/P paired metamorphism in the Palaeoproterozoic. <i>Earth and Planetary Science Letters</i> , 2021, 570, 117069.	1.8	15
48	From subduction initiation to hot subduction: Life of a Neoproterozoic subduction zone from the Dengfeng Greenstone Belt, North China Craton. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 1277-1300.	1.6	7
49	Mantle heating at ca. 2 Ga by continental insulation: Evidence from granites and eclogites. <i>Geology</i> , 2022, 50, 91-95.	2.0	13
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51	Paleoproterozoic ophiolitic magmatism and orogenesis in the northern Yangtze Craton: Evidence for the operation of modern-style plate tectonics. <i>Precambrian Research</i> , 2021, 364, 106385.	1.2	6
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57	The Fuchuan Ophiolite in South China: Evidence for Modernâ€”Style Plate Tectonics During Rodinia Breakup. Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC010137.	1.0	3
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59	Extreme metamorphism and metamorphic facies series at convergent plate boundaries: Implications for supercontinent dynamics. , 2021, 17, 1647-1685.		39
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77	Geological history and supercontinent cycles of the Arctic. <i>Bulletin of the Geological Society of America</i> , 0, , .	1.6	1
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87	On the enigmatic mid-Proterozoic: Single-lid versus plate tectonics. <i>Earth and Planetary Science Letters</i> , 2022, 594, 117749.	1.8	16
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99	Secular Evolution of Continents and the Earth System. <i>Reviews of Geophysics</i> , 2022, 60, .	9.0	40
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108	Mechanisms to generate ultrahigh-temperature metamorphism. <i>Nature Reviews Earth &amp; Environment</i> , 2023, 4, 298-318.	12.2	9
120	The metamorphic rock record through Earth's history. , 2023, , .		1

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138	Influence of tectonic element recycling on magma-associated mineral deposits. , 2024, , .		0