

# Toshiaki Tsunogae

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7950191/toshiaki-tsunogae-publications-by-citations.pdf>

**Version:** 2024-04-23

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.

184  
papers

4,991  
citations

40  
h-index

62  
g-index

191  
ext. papers

5,507  
ext. citations

2.9  
avg, IF

5.85  
L-index

#	Paper	IF	Citations
184	Discovery of sapphirine-bearing MgAl granulites in the North China Craton: Implications for Paleoproterozoic ultrahigh temperature metamorphism. <i>Gondwana Research</i> , <b>2007</b> , 11, 263-285	5.1	349
183	Paleoproterozoic ultrahigh-temperature granulites in the North China Craton: Implications for tectonic models on extreme crustal metamorphism. <i>Precambrian Research</i> , <b>2012</b> , 222-223, 77-106	3.9	252
182	An exotic Mesoproterozoic microcontinent: The Coorg Block, southern India. <i>Gondwana Research</i> , <b>2015</b> , 27, 165-195	5.1	166
181	The Neoproterozoic subduction complex in southern India: SIMS zircon U-Pb ages and implications for Gondwana assembly. <i>Precambrian Research</i> , <b>2012</b> , 192-195, 190-208	3.9	132
180	Carbonic metamorphism at ultrahigh-temperatures: Evidence from North China Craton. <i>Earth and Planetary Science Letters</i> , <b>2008</b> , 266, 149-165	5.3	116
179	First report of garnet-ilmenite rocks from southern India: Implications for prograde high-pressure (eclogite-facies?) metamorphism. <i>Earth and Planetary Science Letters</i> , <b>2006</b> , 242, 111-129	5.3	114
178	Suprasubduction zone ophiolite from Agali hill: Petrology, zircon SHRIMP U-Pb geochronology, geochemistry and implications for Neoproterozoic plate tectonics in southern India. <i>Precambrian Research</i> , <b>2013</b> , 231, 301-324	3.9	104
177	Very high-density carbonic fluid inclusions in sapphirine-bearing granulites from Tonagh Island in the Archean Napier Complex, East Antarctica: implications for CO <sub>2</sub> infiltration during ultrahigh-temperature (T>1,100 °C) metamorphism. <i>Contributions To Mineralogy and Petrology</i> , <b>2002</b> , 143, 279-299	3.5	90
176	Neoproterozoic arc magmatism in the southern Madurai Block, India: Subduction, relamination, continental outbuilding, and the growth of Gondwana. <i>Gondwana Research</i> , <b>2017</b> , 45, 1-42	5.1	86
175	Subduction-accretion-collision history along the Gondwana suture in southern India: A laser ablation ICP-MS study of zircon chronology. <i>Journal of Asian Earth Sciences</i> , <b>2011</b> , 40, 162-171	2.8	82
174	Ultrahigh-temperature metamorphism in Daqingshan, Inner Mongolia Suture Zone, North China Craton. <i>Gondwana Research</i> , <b>2011</b> , 20, 36-47	5.1	80
173	First Report of Sapphirine+Quartz Assemblage from Southern India: Implications for Ultrahigh-temperature Metamorphism. <i>Gondwana Research</i> , <b>2004</b> , 7, 899-912	5.1	78
172	The Manamedu Complex: Geochemical constraints on Neoproterozoic suprasubduction zone ophiolite formation within the Gondwana suture in southern India. <i>Journal of Geodynamics</i> , <b>2010</b> , 50, 268-285	2.2	72
171	Early Paleozoic tectonic evolution of the North Qinling orogenic belt: Evidence from geochemistry, phase equilibrium modeling and geochronology of metamorphosed mafic rocks from the Songshugou ophiolite. <i>Gondwana Research</i> , <b>2016</b> , 30, 48-64	5.1	67
170	Oldest rocks from Peninsular India: Evidence for Hadean to Neoproterozoic crustal evolution. <i>Gondwana Research</i> , <b>2016</b> , 29, 105-135	5.1	64
169	Neoproterozoic high-pressure metamorphism from the northern margin of the Palghat-Cauvery Suture Zone, southern India: Petrology and zircon SHRIMP geochronology. <i>Journal of Asian Earth Sciences</i> , <b>2011</b> , 42, 268-285	2.8	63
168	Permo-Triassic ultrahigh-temperature metamorphism in the Kontum massif, central Vietnam. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2004</b> , 99, 225-241	0.9	63

167	Spinel+Quartz association from the Kerala khondalites, southern India: evidence for ultrahigh-temperature metamorphism. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2004</b> , 99, 257-278	0.9	63
166	Paleoproterozoic granulites from Heling'er: Implications for regional ultrahigh-temperature metamorphism in the North China Craton. <i>Lithos</i> , <b>2012</b> , 148, 54-70	2.9	62
165	High-pressure and ultrahigh-temperature metamorphism at Komateri, northern Madurai Block, southern India. <i>Journal of Asian Earth Sciences</i> , <b>2008</b> , 33, 395-413	2.8	62
164	Neoproterozoic crustal evolution in Sri Lanka: Insights from petrologic, geochemical and zircon U <sup>Pb</sup> and Lu <sup>Hf</sup> isotopic data and implications for Gondwana assembly. <i>Precambrian Research</i> , <b>2014</b> , 255, 1-29	3.9	61
163	Spinel-Sapphirine-Quartz bearing composite inclusion within garnet from an ultrahigh-temperature pelitic granulite: Implications for metamorphic history and P <sup>T</sup> path. <i>Lithos</i> , <b>2006</b> , 92, 524-536	2.9	61
162	Geologic and metamorphic evolution of the basement complexes in the Kontum Massif, central Vietnam. <i>Gondwana Research</i> , <b>2007</b> , 12, 438-453	5.1	60
161	Ultrahigh-temperature metamorphism in the Achankovil Zone: Implications for the correlation of crustal blocks in southern India. <i>Gondwana Research</i> , <b>2006</b> , 10, 99-114	5.1	54
160	Extremely High Density Pure CO <sub>2</sub> Fluid Inclusions in a Garnet Granulite from Southern India. <i>Journal of Geology</i> , <b>2003</b> , 111, 1-16	2	51
159	Petrology, phase equilibria modelling and zircon U <sup>Pb</sup> geochronology of Paleoproterozoic mafic granulites from the Fuping Complex, North China Craton. <i>Journal of Metamorphic Geology</i> , <b>2017</b> , 35, 517-540	4.4	48
158	Late Neoproterozoic arc magmatism and crustal growth associated with microblock amalgamation in the North China Craton: Evidence from the Fuping Complex. <i>Lithos</i> , <b>2016</b> , 248-251, 324-338	2.9	48
157	Multistage orthopyroxene formation in ultrahigh-temperature granulites of Ganguvarpatti, southern India: implications for complex metamorphic evolution during Gondwana assembly. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2004</b> , 99, 279-297	0.9	48
156	First Report of Sapphirine-bearing Rocks from the Palghat-Cauvery Shear Zone System, Southern India. <i>Gondwana Research</i> , <b>2004</b> , 7, 620-626	5.1	47
155	Sapphirine and Corundum-bearing Granulites from Karur, Madurai Block, Southern India. <i>Gondwana Research</i> , <b>2003</b> , 6, 925-930	5.1	47
154	Fluid characteristics of retrogressed eclogites and mafic granulites from the Cambrian Gondwana suture zone in southern India. <i>Contributions To Mineralogy and Petrology</i> , <b>2010</b> , 159, 349-369	3.5	45
153	Crustal anatexis and formation of two types of granitic magmas in the Kontum massif, central Vietnam: Implications for magma processes in collision zones. <i>Gondwana Research</i> , <b>2007</b> , 12, 428-437	5.1	45
152	Early to late Neoproterozoic magmatism and magma mixing/ mingling in Sri Lanka: Implications for convergent margin processes during Gondwana assembly. <i>Gondwana Research</i> , <b>2016</b> , 32, 151-180	5.1	43
151	The Bastar craton, central India: A window to Archean Paleoproterozoic crustal evolution. <i>Gondwana Research</i> , <b>2020</b> , 79, 157-184	5.1	43
150	Ultrahigh-temperature metamorphism under isobaric heating: New evidence from the North China Craton. <i>Journal of Asian Earth Sciences</i> , <b>2014</b> , 95, 2-16	2.8	42

149	Ultrahigh-temperature metamorphism and decompression history of sapphirine granulites from Rajapalaiyam, southern India: implications for the formation of hot orogens during Gondwana assembly. <i>Geological Magazine</i> , <b>2010</b> , 147, 42-58	2	42
148	Neoproterozoic arc accretion along the Eastern suture in Sri Lanka during Gondwana assembly. <i>Precambrian Research</i> , <b>2016</b> , 279, 57-80	3.9	42
147	Sapphirine and corundum bearing ultrahigh temperature rocks from the Palghat-Cauvery Shear System, southern India. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2004</b> , 99, 298-310	0.9	41
146	Detection of small amounts of H <sub>2</sub> O in CO <sub>2</sub> -rich fluid inclusions using Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , <b>2009</b> , 40, 1461-1463	2.3	40
145	Decompression process of mafic granulite from eclogite to granulite facies under ultrahigh-temperature condition in the Kontum massif, central Vietnam. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2004</b> , 99, 242-256	0.9	40
144	Early Neoproterozoic arc magmatism in the Lützow-Holm Complex, East Antarctica: Petrology, geochemistry, zircon U-Pb geochronology and Lu-Hf isotopes and tectonic implications. <i>Precambrian Research</i> , <b>2015</b> , 266, 467-489	3.9	38
143	Laser ablation ICP mass spectrometry for zircon U-Pb geochronology of metamorphosed granite from the Salem Block: Implication for Neoproterozoic crustal evolution in southern India. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2011</b> , 106, 1-12	0.9	37
142	CO <sub>2</sub> -rich fluid inclusions in staurolite and associated minerals in a high-pressure ultrahigh-temperature granulite from the Gondwana suture in southern India. <i>Lithos</i> , <b>2008</b> , 101, 177-190	2.9	37
141	Corundum+quartz and Mg-staurolite bearing granulite from the Limpopo Belt, southern Africa: Implications for a P-T path. <i>Lithos</i> , <b>2006</b> , 92, 576-587	2.9	37
140	Sapphirine + quartz corona around magnesian (XMg ~ 0.58) staurolite from the Palghat-Cauvery Suture Zone, southern India: Evidence for high-pressure and ultrahigh-temperature metamorphism within the Gondwana suture. <i>Lithos</i> , <b>2010</b> , 114, 490-502	2.9	36
139	Paleoproterozoic meta-carbonates from the central segment of the Trans-North China Orogen: Zircon U-Pb geochronology, geochemistry, and carbon and oxygen isotopes. <i>Precambrian Research</i> , <b>2016</b> , 284, 14-29	3.9	35
138	Petrology and zircon U-Pb geochronology of metagabbro from the Highland Complex, Sri Lanka: Implications for the correlation of Gondwana suture zones. <i>Journal of Asian Earth Sciences</i> , <b>2015</b> , 113, 826-841	2.8	34
137	Ultrahigh-Temperature Pelitic Granulites from Kontum Massif, Central Vietnam: Evidence for East Asian Juxtaposition at ca. 250 Ma. <i>Gondwana Research</i> , <b>2001</b> , 4, 720-723	5.1	34
136	Petrology and SHRIMP zircon geochronology of granulites from Vesleknausen, Lützow-Holm Complex, East Antarctica: Neoproterozoic magmatism and Neoproterozoic high-grade metamorphism. <i>Geoscience Frontiers</i> , <b>2014</b> , 5, 167-182	6	33
135	A petrologic and laser Raman spectroscopic study of sapphirine-spinel-quartz-Mg-staurolite inclusions in garnet from Kumiloothu, southern India: Implications for extreme metamorphism in a collisional orogen. <i>Journal of Geodynamics</i> , <b>2009</b> , 47, 107-118	2.2	33
134	Spinel+quartz assemblage in granulites from the Achankovil Shear Zone, southern India: Implications for ultrahigh-temperature metamorphism. <i>Journal of Asian Earth Sciences</i> , <b>2009</b> , 36, 209-222	2.8	33
133	Structural anatomy of a dismembered ophiolite suite from Gondwana: The Manamedu complex, Cauvery suture zone, southern India. <i>Journal of Asian Earth Sciences</i> , <b>2011</b> , 42, 176-190	2.8	31
132	Sapphirine + quartz assemblage from the Southern Granulite Terrane, India: diagnostic evidence for ultrahigh-temperature metamorphism within the Gondwana collisional orogen. <i>Geological Journal</i> , <b>2011</b> , 46, 183-197	1.7	31

131	Palaeoproterozoic U <sup>Pb</sup> SHRIMP zircon age from basement rocks in Bangladesh: A possible remnant of the Columbia supercontinent. <i>Comptes Rendus - Geoscience</i> , <b>2007</b> , 339, 979-986	1.4	31
130	High fluorine pargasites in ultrahigh temperature granulites from Tonagh Island in the Archean Napier Complex, East Antarctica. <i>Lithos</i> , <b>2003</b> , 70, 21-38	2.9	31
129	Metamorphic P-T profiles from the Zimbabwe Craton to the Limpopo Belt, Zimbabwe. <i>Precambrian Research</i> , <b>1992</b> , 55, 259-277	3.9	31
128	Cryogenian alkaline magmatism in the Southern Granulite Terrane, India: Petrology, geochemistry, zircon U <sup>Pb</sup> ages and Lu <sup>Hf</sup> isotopes. <i>Lithos</i> , <b>2014</b> , 208-209, 430-445	2.9	30
127	Microstructurally controlled monazite chronology of ultrahigh-temperature granulites from southern India: Implications for the timing of Gondwana assembly. <i>Island Arc</i> , <b>2008</b> , 18, 248-265	2	30
126	Neoproterozoic Early Paleoproterozoic and Early Neoproterozoic arc magmatism in the Lützow-Holm Complex, East Antarctica: Insights from petrology, geochemistry, zircon U <sup>Pb</sup> geochronology and Lu <sup>Hf</sup> isotopes. <i>Lithos</i> , <b>2016</b> , 263, 239-256	2.9	29
125	Phase equilibrium modelling of Palaeoproterozoic ultrahigh-temperature sapphirine granulite from the Inner Mongolia Suture Zone, North China Craton: implications for counterclockwise P <sup>T</sup> path. <i>Geological Journal</i> , <b>2013</b> , 48, 456-466	1.7	28
124	The stability and origin of sodic gedrite in ultrahigh-temperature Mg-Al granulites: a case study from the Gondwana suture in southern India. <i>Contributions To Mineralogy and Petrology</i> , <b>2009</b> , 157, 95-110	2.5	28
123	Late Paleoproterozoic charnockite suite within post-collisional setting from the North China Craton: Petrology, geochemistry, zircon U <sup>Pb</sup> geochronology and Lu <sup>Hf</sup> isotopes. <i>Lithos</i> , <b>2014</b> , 208-209, 34-52	2.9	27
122	Metamorphic P-T path of the eastern Trivandrum Granulite Block, southern India: implications for regional correlation of lower crustal fragments. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2008</b> , 103, 279-284	0.9	27
121	Carbonation of Cl-rich scapolite boudins in Skallen, East Antarctica: evidence for changing fluid condition in the continental crust. <i>Journal of Metamorphic Geology</i> , <b>2006</b> , 24, 241-261	4.4	27
120	"Ultrahigh density" carbonic fluids in ultrahigh-temperature crustal metamorphism. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2004</b> , 99, 164-179	0.9	27
119	The mafic-ultramafic complex of Aniyapuram, Cauvery Suture Zone, southern India: Petrological and geochemical constraints for Neoproterozoic suprasubduction zone tectonics. <i>Journal of Asian Earth Sciences</i> , <b>2014</b> , 95, 81-98	2.8	26
118	Ultrahigh-temperature metamorphism of the Southern Marginal Zone of the Archean Limpopo Belt, South Africa. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2004</b> , 99, 213-224	0.9	26
117	Laser ablation ICP mass spectrometry for zircon U <sup>Pb</sup> geochronology of ultrahigh-temperature gneisses and A-type granites from the Achankovil Suture Zone, southern India. <i>Journal of Geodynamics</i> , <b>2010</b> , 50, 286-299	2.2	25
116	First Report of the Spinel + Quartz Assemblage from Kodaikanal in the Madurai Block, Southern India: Implications for Ultrahigh-Temperature Metamorphism. <i>International Geology Review</i> , <b>2007</b> , 49, 1050-1068	2.3	25
115	High-grade metamorphism during Archean-Paleoproterozoic transition associated with microblock amalgamation in the North China Craton: Mineral phase equilibria and zircon geochronology. <i>Lithos</i> , <b>2016</b> , 263, 101-121	2.9	24
114	U <sup>Pb</sup> geochronology of detrital zircon in metasediments from Sri Lanka: Implications for the regional correlation of Gondwana fragments. <i>Precambrian Research</i> , <b>2016</b> , 281, 434-452	3.9	24

113	Mesoproterozoic suturing of Archean crustal blocks in western peninsular India: Implications for India-Madagascar correlations. <i>Lithos</i> , <b>2016</b> , 263, 143-160	2.9	23
112	First report of Paleoproterozoic incipient charnockite from the North China Craton: Implications for ultrahigh-temperature metasomatism. <i>Precambrian Research</i> , <b>2014</b> , 243, 168-180	3.9	23
111	Phase equilibrium modeling of incipient charnockite formation in NCKFMASHTO and MnNCKFMASHTO systems: A case study from Rajapalayam, Madurai Block, southern India. <i>Geoscience Frontiers</i> , <b>2012</b> , 3, 801-811	6	22
110	Geochemical and isotopic imprints of early cretaceous mafic and felsic dyke suites track lithosphere-asthenosphere interaction and craton destruction in the North China Craton. <i>Lithos</i> , <b>2019</b> , 326-327, 174-199	2.9	22
109	New interpretation of the Franciscan mélange at San Simeon coast, California: tectonic intrusion into an accretionary prism. <i>International Geology Review</i> , <b>2015</b> , 57, 824-842	2.3	20
108	Petrology and zircon U-Pb geochronology of metagabbros from a mafic-ultramafic suite at Aniyapuram: Neoproterozoic to Early Paleoproterozoic convergent margin magmatism and Middle Neoproterozoic high-grade metamorphism in southern India. <i>Journal of Asian Earth Sciences</i> , <b>2014</b> , 95, 51-64	2.8	20
107	Incipient charnockite: Characterization at the type localities. <i>Precambrian Research</i> , <b>2014</b> , 253, 38-49	3.9	20
106	Petrology and phase equilibrium modeling of sapphirine + quartz assemblage from the Napier Complex, East Antarctica: Diagnostic evidence for Neoproterozoic ultrahigh-temperature metamorphism. <i>Geoscience Frontiers</i> , <b>2013</b> , 4, 655-666	6	20
105	Petrology and fluid inclusions of garnet-clinopyroxene rocks from Paramati in the Palghat-Cauvery Shear Zone System, southern India. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2008</b> , 103, 354-360	0.9	20
104	Reply to Comment on First report of garnet-biotite rocks from Southern India: Implications for prograde high-pressure (eclogite facies?) metamorphism by D.E. Kelsey, C. Clark, M. Hand, A.S. Collins. <i>Earth and Planetary Science Letters</i> , <b>2006</b> , 249, 535-540	5.3	20
103	Melt-fluid infiltration in Archean suprasubduction zone mantle wedge: Evidence from geochemistry, zircon U-Pb geochronology and Lu-Hf isotopes from Wynad, southern India. <i>Precambrian Research</i> , <b>2016</b> , 281, 101-127	3.9	20
102	Mesoarchean convergent margin processes and crustal evolution: Petrologic, geochemical and zircon U-Pb and Lu-Hf data from the Mercara Suture Zone, southern India. <i>Gondwana Research</i> , <b>2016</b> , 37, 182-204	5.1	19
101	Multiple magmatism in an evolving suprasubduction zone mantle wedge: The case of the composite mafic-ultramafic complex of Gaositai, North China Craton. <i>Lithos</i> , <b>2017</b> , 284-285, 525-544	2.9	18
100	Petrology, phase equilibria modelling and zircon U-Pb geochronology of garnet-bearing charnockites from the Miyun area: Implications for microblock amalgamation of the North China Craton. <i>Lithos</i> , <b>2019</b> , 324-325, 234-245	2.9	18
99	Proterozoic to Neoproterozoic crustal evolution of the Mantiqueira and the Juiz de Fora Complexes, SE Brazil: Petrology, geochemistry, zircon U-Pb geochronology and Lu-Hf isotopes. <i>Precambrian Research</i> , <b>2019</b> , 323, 82-101	3.9	18
98	Granulite formation in a Gondwana fragment: petrology and mineral equilibrium modeling of incipient charnockite from Mavadi, southern India. <i>Mineralogy and Petrology</i> , <b>2013</b> , 107, 727-738	1.6	17
97	Detrital zircon geochronology of quartzites from the southern Madurai Block, India: Implications for Gondwana reconstruction. <i>Geoscience Frontiers</i> , <b>2017</b> , 8, 851-867	6	17
96	Mega sheath fold of the Mahadevi hills, Cauvery Suture Zone, southern India: Implication for accretionary tectonics. <i>Journal of the Geological Society of India</i> , <b>2012</b> , 80, 747-758	1.3	17



95	High- to ultrahigh-temperature metasomatism related to brine infiltration in the Neoproterozoic Limpopo Complex: Petrology and phase equilibrium modeling. <i>Precambrian Research</i> , <b>2014</b> , 253, 157-170	3.9	16
94	Sodicgedrite in ultrahigh-temperature Mg-Al-rich rocks from the Palghat-Cauvery Shear Zone system, southern India. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2007</b> , 102, 39-43	0.9	16
93	Carbonic fluid inclusions in sapphirine + quartz bearing garnet granulite from the Limpopo Belt, southern Africa. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2007</b> , 102, 57-60	0.9	16
92	Fluid evolution of partially retrogressed pelitic granulite from the Southern Marginal Zone of the Neoproterozoic Limpopo Complex, South Africa: Evidence from phase equilibrium modelling. <i>Precambrian Research</i> , <b>2014</b> , 253, 146-156	3.9	15
91	Petrology and phase equilibrium modeling of spinel-sapphirine-bearing mafic granulite from Akarui Point, Lützow-Holm Complex, East Antarctica: Implications for the P-T path. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2013</b> , 108, 345-350	0.9	15
90	Fluids in high- to ultrahigh-temperature metamorphism along collisional sutures: Record from fluid inclusions. <i>Journal of Asian Earth Sciences</i> , <b>2011</b> , 42, 330-340	2.8	15
89	Carbonic fluids in ultrahigh-temperature metamorphism: evidence from Raman spectroscopic study of fluid inclusions in granulites from the Napier Complex, East Antarctica. <i>Geological Society Special Publication</i> , <b>2008</b> , 308, 317-332	1.7	15
88	Sapphirine + quartz assemblage from Ganguvarpatti: diagnostic evidence for ultrahigh-temperature metamorphism in central Madurai Block, southern India. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2009</b> , 104, 285-289	0.9	15
87	Early Proterozoic Tectonothermal Events in the Napier Complex, East Antarctica: Implications for the Formation of East Gondwana. <i>Gondwana Research</i> , <b>2003</b> , 6, 231-240	5.1	15
86	Long-lived metamorphic P-T evolution of the Highland Complex, Sri Lanka: Insights from mafic granulites. <i>Precambrian Research</i> , <b>2018</b> , 316, 227-243	3.9	14
85	Geothermobarometry and fluid inclusions of dioritic rocks in Bangladesh: Implications for emplacement depth and exhumation rate. <i>Journal of Asian Earth Sciences</i> , <b>2009</b> , 34, 731-739	2.8	14
84	Petrology, geochemistry and zircon U-Pb geochronology of a layered igneous complex from Akarui Point in the Lützow-Holm Complex, East Antarctica: Implications for Antarctica-Sri Lanka correlation. <i>Journal of Asian Earth Sciences</i> , <b>2016</b> , 130, 206-222	2.8	14
83	Diopsidites from a Neoproterozoic-Cambrian suture in southern India. <i>Geological Magazine</i> , <b>2010</b> , 147, 777-788	2	13
82	Ti-free hibonite in spinel- and sapphirine-bearing Mg-Al rock from the Palghat-Cauvery shear zone system, southern India. <i>Mineralogical Magazine</i> , <b>2005</b> , 69, 937-949	1.7	13
81	Single zircon U-Pb geochronology of the Limpopo Belt by secondary ion mass spectrometry. <i>Geochemical Journal</i> , <b>1995</b> , 29, 197-205	0.9	13
80	Detrital zircon geochronology of the Lützow-Holm Complex, East Antarctica: Implications for Antarctica-Sri Lanka correlation. <i>Geoscience Frontiers</i> , <b>2018</b> , 9, 355-375	6	12
79	Petrochemistry and zircon U-Pb geochronology of granitic rocks in the Wang Nam Khiao area, Nakhon Ratchasima, Thailand: Implications for petrogenesis and tectonic setting. <i>Journal of Asian Earth Sciences</i> , <b>2018</b> , 157, 92-118	2.8	12
78	Metamorphic P-T evolution of garnet-kyanite-tauroilite schist and garnet amphibolite from Bodonch area, western Mongolian Altai: Geothermobarometry and mineral equilibrium modeling. <i>Journal of Asian Earth Sciences</i> , <b>2011</b> , 42, 306-315	2.8	12

77	High P-T phase relation of magnesian (Mg <sub>0.7</sub> Fe <sub>0.3</sub> ) staurolite composition in the system FeO-MgO-Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> -H <sub>2</sub> O: Implications for prograde high-pressure history of ultrahigh-temperature metamorphic rocks. <i>American Mineralogist</i> , <b>2010</b> , 95, 177-184	2.9	12
76	Extreme thermal metamorphism associated with Gondwana assembly: Evidence from sapphirine-bearing granulites of Rajapalayam, southern India. <i>Bulletin of the Geological Society of America</i> , <b>2020</b> , 132, 1013-1030	3.9	12
75	Paleoproterozoic (ca. 1.8 Ga) arc magmatism in the Lützow-Holm Complex, East Antarctica: Implications for crustal growth and terrane assembly in erstwhile Gondwana fragments. <i>Journal of Asian Earth Sciences</i> , <b>2018</b> , 157, 245-268	2.8	12
74	Petrology, geochemistry and LA-ICP-MS U-Pb geochronology of Paleoproterozoic basement rocks in Bangladesh: An evaluation of calc-alkaline magmatism and implication for Columbia supercontinent amalgamation. <i>Journal of Asian Earth Sciences</i> , <b>2018</b> , 157, 22-39	2.8	11
73	Petrology, geochemistry, and zircon U-Pb geochronology of the Zambezi Belt in Zimbabwe: Implications for terrane assembly in southern Africa. <i>Geoscience Frontiers</i> , <b>2019</b> , 10, 2021-2044	6	11
72	Primary magmatic amphibole in Archaean meta-pyroxenite from the central zone of the Limpopo Complex, South Africa. <i>South African Journal of Geology</i> , <b>2016</b> , 119, 607-622	1.6	11
71	Marginal facies and compositional equivalents of Bushveld parental sills from the Molopo Farms Complex layered intrusion, Botswana: Petrogenetic and mineralization implications. <i>Ore Geology Reviews</i> , <b>2018</b> , 92, 506-528	3.2	11
70	Shonkinites from Salem, southern India: Implications for Cryogenian alkaline magmatism in rift-related setting. <i>Journal of Asian Earth Sciences</i> , <b>2015</b> , 113, 812-825	2.8	10
69	Granulite facies metamorphism in the Central and Southern Marginal Zones of the Limpopo Belt, South Africa.. <i>Journal of the Geological Society of Japan</i> , <b>1989</b> , 95, 1-16	0.6	10
68	Mesoproterozoic arc magmatism in SE India: Petrology, zircon U-Pb geochronology and Hf isotopes of the Bopudi felsic suite from Eastern Ghats Belt. <i>Journal of Asian Earth Sciences</i> , <b>2013</b> , 75, 183-201	2.8	9
67	Ferroelectric Curie Temperature of BaTiO <sub>3</sub> Single Crystals Grown by a Flux Method. <i>Ferroelectrics</i> , <b>2002</b> , 269, 249-254	0.6	9
66	Pressure-temperature-time evolution of ultrahigh-temperature granulites from the Trivandrum Block, southern India: Implications for long-lived high-grade metamorphism. <i>Geological Journal</i> , <b>2019</b> , 54, 3041-3059	1.7	9
65	Petrogenesis of incipient charnockite in the Ikalamavony sub-domain, south-central Madagascar: New insights from phase equilibrium modeling. <i>Lithos</i> , <b>2017</b> , 282-283, 431-446	2.9	8
64	The Ezhimala Igneous Complex, southern India: Possible imprint of Late Cretaceous magmatism within rift setting associated with India-Madagascar separation. <i>Journal of Asian Earth Sciences</i> , <b>2016</b> , 121, 56-71	2.8	8
63	Ethane- and hydrogen-bearing carbonic fluid inclusions in a high-grade metamorphic rock. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2009</b> , 104, 324-329	0.9	8
62	Role of plutonic and metamorphic block exhumation in a forearc ophiolite mélange belt: An example from the Mineoka belt, Japan <b>2011</b> ,		8
61	Fluid characteristics of high- to ultrahigh-temperature metamorphism in southern India: A quantitative Raman spectroscopic study. <i>Precambrian Research</i> , <b>2007</b> , 162, 198-198	3.9	8
60	Metamorphic P-T evolution of garnet-staurolite-biotite pelitic schist and amphibolite from Keffi, north-central Nigeria: Geothermobarometry, mineral equilibrium modeling and P-T path. <i>Journal of African Earth Sciences</i> , <b>2017</b> , 129, 1-16	2.2	7



59	Crystallization conditions and petrogenesis of the paleoproterozoic basement rocks in Bangladesh: An evaluation of biotite and coexisting amphibole mineral chemistry. <i>Journal of Earth Science (Wuhan, China)</i> , <b>2014</b> , 25, 87-97	2.2	7
58	Petrology, fluid inclusions and metamorphic history of Bhopalpatnam granulites, central India. <i>Journal of Asian Earth Sciences</i> , <b>2006</b> , 28, 81-98	2.8	7
57	Prograde and retrograde hibomites in sapphirine + quartz bearing Mg-Al rock from the Palghat-Cauvery Suture Zone, southern India. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2009</b> , 104, 319-323	0.9	7
56	Petrochemistry and mineral chemistry of Late Permian hornblendite and hornblende gabbro from the Wang Nam Khiao area, Nakhon Ratchasima, Thailand: Indication of Palaeo-Tethyan subduction. <i>Journal of Asian Earth Sciences</i> , <b>2016</b> , 130, 239-255	2.8	7
55	Ultrahigh-temperature metagabbros from Wynad: Implications for Paleoproterozoic hot orogen in the Moyar Suture Zone, southern India. <i>Journal of Asian Earth Sciences</i> , <b>2016</b> , 130, 139-154	2.8	7
54	Zircon U-Pb age, Lu-Hf isotope, mineral chemistry and geochemistry of Sundamalai peralkaline pluton from the Salem Block, southern India: Implications for Cryogenian adakite-like magmatism in an aborted-rift. <i>Journal of Asian Earth Sciences</i> , <b>2016</b> , 115, 321-344	2.8	6
53	Metamorphic phase equilibria modelling and zircon U-Pb geochronology of ultrahigh-temperature cordierite granulites from the Madurai Block, India: implications for hot Gondwana crust. <i>International Geology Review</i> , <b>2018</b> , 60, 21-42	2.3	6
52	Early Cretaceous cryptoexplosive breccia-related gold mineralization in the North China Craton: Evidence from the Puziwan gold deposit. <i>Ore Geology Reviews</i> , <b>2019</b> , 111, 102986	3.2	5
51	Neoproterozoic felsic magmatism in southern Kerala, India: The building blocks of Gondwana. <i>Geological Journal</i> , <b>2020</b> , 55, 5355-5383	1.7	5
50	Fluid-induced high-temperature metasomatism at Rundvǿshetta in the Lǿzow-Holm Complex, East Antarctica: Implications for the role of brine during granulite formation. <i>Geoscience Frontiers</i> , <b>2018</b> , 9, 1309-1323	6	5
49	High-pressure and ultrahigh-temperature granulite-facies metamorphism of Precambrian high-grade terranes: Case study of the Limpopo Complex <b>2011</b> ,		5
48	The genesis of high Ba-Sr adakitic rocks: Insights from an Early Cretaceous volcanic suite in the central North China Craton. <i>Geological Journal</i> , <b>2020</b> , 55, 5398-5416	1.7	5
47	Global type area charnockites in southern India revisited: Implications for Earth's oldest supercontinent. <i>Gondwana Research</i> , <b>2021</b> , 94, 106-132	5.1	5
46	Neoproterozoic arc magmatism and Paleoproterozoic granulite-facies metamorphism in the Bhavani Suture Zone, South India. <i>Geological Journal</i> , <b>2020</b> , 55, 3870-3895	1.7	5
45	Reply to comment by Wang et al. on Paleoproterozoic meta-carbonates from the central segment of the Trans-North China Orogen: Zircon U-Pb geochronology, geochemistry, and carbon and oxygen isotopes by Tang et al., 2016, Precambrian Research 284: 1429. <i>Precambrian Research</i> , <b>2017</b> , 294, 350-353	3.9	4
44	Magnetite-apatite deposit from Sri Lanka: Implications on Kiruna-type mineralization associated with ultramafic intrusion and mantle metasomatism. <i>American Mineralogist</i> , <b>2018</b> , 103, 26-38	2.9	4
43	Cordierite-bearing granulites from Ihosy, southern Madagascar: Petrology, geochronology and regional correlation of suture zones in Madagascar and India. <i>Geoscience Frontiers</i> , <b>2019</b> , 10, 2007-2019	6	4
42	Fluid inclusion study of pegmatite and aplite veins of Palaeoproterozoic basement rocks in Bangladesh: Implications for magmatic fluid compositions and crystallization depth. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2008</b> , 103, 121-125	0.9	4

41	Carbonic fluid inclusions in ultrahigh-temperature granulite from Kumiloothu in the northern Madurai Block, southern India. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2008</b> , 103, 273-278	0.9	4
40	Crust-mantle interaction and craton destruction: evidence from Late Mesozoic plutons in the North China Craton. <i>Journal of the Geological Society</i> , <b>2017</b> , 174, 1070-1089	2.7	3
39	Carbonic fluid inclusions in amphibolite-facies pelitic schists from Bodonch area, western Mongolian Altai. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2012</b> , 107, 44-49	0.9	3
38	Fluid inclusion microthermometry for P-T constraints on normal displacement along the Median Tectonic Line in Northern Besshi area, Southwest Japan. <i>Island Arc</i> , <b>2011</b> , 20, 426-438	2	3
37	Late Archaean to Proterozoic Tectonothermal Events in Napier Complex, East Antarctica: Correlation with East Gondwana Fragments. <i>Gondwana Research</i> , <b>2001</b> , 4, 724-725	5.1	3
36	Carbonic fluid inclusions in a garnet-pyroxene granulite from Austhovsky in the Lützow-Holm Complex, East Antarctica: Implications for a decompressional P-T path. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2017</b> , 112, 132-137	0.9	3
35	U-Pb geochronology and REE geochemistry of zircons in mafic granulites from the Lützow-Holm complex, East Antarctica: Implications for the timing and P-T path of post-peak exhumation and Antarctica-Sri Lanka correlation. <i>Precambrian Research</i> , <b>2020</b> , 348, 105850	3.9	3
34	HYDROTHERMAL NATIVE COPPER IN OCEAN ISLAND ALKALI BASALT FROM THE MINEOKA BELT, BOSO PENINSULA, CENTRAL JAPAN. <i>Economic Geology</i> , <b>2016</b> , 111, 783-794	4.3	3
33	Petrology and phase equilibrium modeling of granulites from Obudu in the Benin-Nigerian Shield, Southeastern Nigeria: implications for clockwise P-T evolution in a collisional orogen. <i>Mineralogy and Petrology</i> , <b>2019</b> , 113, 353-368	1.6	3
32	Complexity of characterizing granitoids in high-grade terranes: An example from the Neoproterozoic Verbaard granitoid, Limpopo Complex, Southern Africa. <i>Lithos</i> , <b>2018</b> , 318-319, 399-418	2.9	3
31	Prolonged Neoproterozoic high-grade metamorphism of the Wannai Complex, Sri Lanka: New insights from petrology, phase equilibria modelling, and zircon U-Pb geochronology of partially melted cordierite gneiss from Walpita. <i>Geological Journal</i> , <b>2020</b> , 55, 6147-6168	1.7	2
30	Mineral chemistry of isotropic gabbros from the Manamedu Ophiolite Complex, Cauvery Suture Zone, southern India: Evidence for neoproterozoic suprasubduction zone tectonics. <i>Journal of Asian Earth Sciences</i> , <b>2016</b> , 130, 155-165	2.8	2
29	Crystal-size distributions of garnets in metapelites from the northeastern Bushveld contact aureole, South Africa. <i>American Mineralogist</i> , <b>2005</b> , 90, 1422-1433	2.9	2
28	Neoproterozoic arc magmatism and Paleoproterozoic high-pressure granulite-facies metamorphism in the southern Motloutse Complex, eastern Botswana: Implications for the western extension of the Limpopo Complex. <i>Precambrian Research</i> , <b>2022</b> , 369, 106534	3.9	2
27	Neoproterozoic crustal growth in southern Malawi: New insights from petrology, geochemistry, and U-Pb zircon geochronology, and implications for the Kalahari Craton-Zongo Craton amalgamation. <i>Precambrian Research</i> , <b>2021</b> , 352, 106007	3.9	2
26	Hybrid phase equilibria modelling with conventional and trace element thermobarometry to assess the P-T evolution of UHT granulites: An example from the Highland Complex, Sri Lanka. <i>Journal of Metamorphic Geology</i> , <b>2021</b> , 39, 209-246	4.4	2
25	Antarctica: A window to the far off land. <i>Geoscience Frontiers</i> , <b>2013</b> , 4, 621-622	6	1
24	Suture zones and geodynamic processes. <i>Journal of Asian Earth Sciences</i> , <b>2011</b> , 42, 155-157	2.8	1

23	Fluid inclusions study of Abukuma metamorphic rocks from the Hanazono district, northeast Japan. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2007</b> , 102, 325-336	0.9	1
22	Development of fluid induced reactions, fracturing and compositional zoning in scapolite, Skallen, East Antarctica.. <i>Journal of the Geological Society of Japan</i> , <b>2005</b> , 111, IX-X	0.6	1
21	Fluid compositions and local fluid buffering during the retrograde metamorphism of Al-bearing dolomitic calc-silicate granulites in the Limpopo Central Zone, southern Africa. <i>Journal of African Earth Sciences</i> , <b>2005</b> , 41, 61-77	2.2	1
20	P-T and Ar-Ar age constraints on low- to high-grade metabasites from the Buhwa Greenstone Belt, southern Africa: Implications for Neoproterozoic to Paleoproterozoic thermal evolution along the Limpopo Complex-Zimbabwe Craton boundary. <i>Journal of African Earth Sciences</i> , <b>2020</b> , 162, 103722	2.2	1
19	Neoproterozoic suprasubduction zone magmatism in the Sonakhan greenstone belt, Bastar Craton, India: Implications for subduction initiation and melt extraction. <i>Geological Journal</i> , <b>2019</b> , 54, 3980-4000	1.7	1
18	Petrochemistry and Zircon U-Pb Geochronology of Felsic Xenoliths in Late Cenozoic Gem-Related Basalt from Bo Phloi Gem Field, Kanchanaburi, Western Thailand. <i>Journal of Earth Science (Wuhan, China)</i> , <b>2021</b> , 32, 1035-1052	2.2	1
17	Formation of the Qiyugou porphyry gold system in East Qinling, China: Insights from timing and source characteristics of Late Mesozoic magmatism. <i>Journal of the Geological Society</i> , jgs2020-253	2.7	1
16	Neoproterozoic ultrahigh-temperature sapphirine granulites from the Karimnagar Granulite Terrane, Southern India: Implications for hot orogen along the Eastern Dharwar Craton margin. <i>Lithos</i> , <b>2021</b> , 406-407, 106537	2.9	0
15	Ultrahigh-temperature granulites from the southern margin of the Madurai Block, India: Petrology, metamorphic phase equilibria and zircon-monazite U-Pb geochronology. <i>Lithos</i> , <b>2021</b> , 388-389, 106070	2.9	0
14	Multiple enrichment of subcontinental lithospheric mantle with Archean to Mesozoic components: Evidence from the Chicheng ultramafic complex, North China Craton. <i>Gondwana Research</i> , <b>2021</b> , 94, 2015-221	5.1	0
13	Thermo-mechanical destruction of Archean cratonic roots: Insights from the Mesozoic Laiyuan granitoid complex, North China Craton. <i>Lithos</i> , <b>2021</b> , 400-401, 106394	2.9	0
12	Magma chamber processes in Early Cretaceous Shangzhuang layered mafic intrusion from the North China Craton. <i>Geological Journal</i> , <b>2017</b> , 52, 851-872	1.7	
11	Dual publication. <i>Island Arc</i> , <b>2007</b> , 16, 211-211	2	
10	Arc building through bimodal magmatism: The Tsukuba Igneous Complex, Japan, and its correlations and connections. <i>International Geology Review</i> , 1-20	2.3	
9	Pressure-temperature evolution of andalusite-kyanite-sillimanite-bearing pelitic schists from Nishidohira, southern Abukuma Mountains, Northeast Japan: Implications for Cretaceous rapid burial and exhumation in the Northeast Asian continental margin. <i>Lithos</i> , <b>2021</b> , 406-407, 106522	2.9	
8	Reply to 'The complex tale of Mantiqueira and Juiz de Fora: A comment on Neoproterozoic to Neoproterozoic crustal evolution of the Mantiqueira and the Juiz de Fora Complexes, SE Brazil: Petrology, geochemistry, zircon U-Pb geochronology and Lu-Hf isotopes' by K. Cutts and C. Lana. <i>Journal of Earth System Science</i> , <b>2021</b> , 250, 105118	3.9	
7	Geochemical constraints on pyroxenites from Aniyapuram Mafic-Ultramafic Complex, Cauvery Suture Zone, southern India: Suprasubduction zone origin. <i>Journal of Earth System Science</i> , <b>2021</b> , 130, 1	1.8	
6	Buds of Santonian magmatism associated with Marion hotspot in southern India. <i>Geological Journal</i> , <b>2018</b> , 54, 3174	1.7	

- 5 Experiments and thermodynamic modelling on the blueschists in the Longmu Co-Shuanghu Suture Zone, North Tibet: Estimation of the metamorphic conditions and implications for garnet stability in the subduction zone. *Geological Journal*, **2022**, 57, 1221-1240 1.7
- 4  $^{40}\text{Ar}/^{39}\text{Ar}$  geochronology of phlogopites and its mineralization in the Mithapukur kimberlites: New Lower Cretaceous (~109–115 Ma) kimberlitic occurrences in Bangladesh. *Journal of Asian Earth Sciences: X*, **2022**, 100094 0.8
- 3 Latest Mesoproterozoic (ca. 1.2–1.1 Ga) amphibolite-facies metamorphism from the Dete-Kamativi Inlier, NW Zimbabwe: Implications for a Rodinia-related intracratonic orogen in Southern Africa. *Precambrian Research*, **2022**, 376, 106688 3.9
- 2 Reply to Comment on Neoproterozoic arc magmatism and Paleoproterozoic high-pressure granulite-facies metamorphism in the southern Motloutse Complex, eastern Botswana: Implication for the western extension of the Limpopo Complex by Mfa et al.. *Precambrian Research*, **2022**, 377, 106730 3.9
- 1 Ultrahigh-density carbonic fluids in ultrahigh-temperature metagabbros from the Palghat-Cauvery Suture Zone, Southern India: Phase equilibria modelling and fluid inclusion study. *Lithos*, **2022**, 106758 2.9