

Pulak Sengupta

List of Publications by Year in descending order

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46
papers

1,331
citations

331670

21
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345221

36
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47
all docs

47
docs citations

47
times ranked

552
citing authors

#	ARTICLE	IF	CITATIONS
1	Neoproterozoic reworking of a Mesoproterozoic magmatic arc from the north-eastern part of the Central Indian Tectonic Zone: Implication for the growth and disintegration of the Indian shield in the Proterozoic supercontinental cycles. <i>Precambrian Research</i> , 2022, 378, 106758.	2.7	5
2	Petrology and geochronology of a suite of meta-supracrustal rocks from Madukkarai, Tamil Nadu: Implications for the Ediacaran-Cambrian orogenesis of the Granulite Terrane of South India. <i>Lithos</i> , 2021, 400-401, 106347.	1.4	3
3	Early Palaeoproterozoic structural reconstitution of a suite of rocks from the Mahadevi Layered Complex, Tamil Nadu, India. <i>Geological Journal</i> , 2020, 55, 3615-3642.	1.3	11
4	Petrology and geochronology of a suite of pelitic granulites from parts of the Chotanagpur Granite Gneiss Complex, eastern India: Evidence for Stenian-Tonian reworking of a late Paleoproterozoic crust. <i>Geological Journal</i> , 2020, 55, 2851-2880.	1.3	16
5	First comprehensive characterization of osumilite from India (Eastern Ghats Province): Physicochemical characteristics, stability of the mineral and its breakdown products. <i>Lithos</i> , 2020, 352-353, 105315.	1.4	2
6	Bulk rock and zircon geochemistry of granitoids from the Chotanagpur Granite Gneissic Complex (CGGC): implications for the late Paleoproterozoic continental arc magmatism in the East Indian Shield. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	3.1	18
7	Origin of vesuvianite-garnet veins in calc-silicate rocks from part of the Chotanagpur Granite Gneiss Complex, East Indian Shield: The quantitative P-T-XCO ₂ topology in parts of the system CaO-MgO-Al ₂ O ₃ -SiO ₂ -H ₂ O-CO ₂ (+Fe ₂ O ₃ , F). <i>American Mineralogist</i> , 2019, 104, 744-760.	1.9	9
8	High pressure metamorphism of mafic granulites from the Chotanagpur Granite Gneiss Complex, India: Evidence for collisional tectonics during assembly of Rodinia. <i>Journal of Geodynamics</i> , 2019, 129, 24-43.	1.6	22
9	Proterozoic Crustal Evolution of the Chotanagpur Granite Gneissic Complex, Jharkhand-Bihar-West Bengal, India: Current Status and Future Prospect. <i>Springer Geology</i> , 2019, , 7-54.	0.3	23
10	Do the deformed alkaline rocks always serve as a marker of continental suture zone? A case study from parts of the Chotanagpur Granite Gneissic complex, India. <i>Journal of Geodynamics</i> , 2019, 129, 59-79.	1.6	10
11	Geochemistry, U-Pb geochronology and Lu-Hf isotope systematics of a suite of ferroan (A-type) granitoids from the CGGC: Evidence for Mesoproterozoic crustal extension in the east Indian shield. <i>Precambrian Research</i> , 2018, 305, 40-63.	2.7	41
12	Tectonothermal imprints in a suite of mafic dykes from the Chotanagpur Granite Gneissic complex (CGGC), Jharkhand, India: Evidence for late Tonian reworking of an early Tonian continental crust. <i>Lithos</i> , 2018, 320-321, 490-514.	1.4	19
13	The Eastern Ghats Belt, India, in the context of supercontinent assembly. <i>Geological Society Special Publication</i> , 2017, 457, 87-104.	1.3	32
14	Petrology and U-Pb geochronology of zircon in a suite of charnockitic gneisses from parts of the Chotanagpur Granite Gneiss Complex (CGGC): evidence for the reworking of a Mesoproterozoic basement during the formation of the Rodinia supercontinent. <i>Geological Society Special Publication</i> , 2017, 457, 197-231.	1.3	37
15	Reaction textures, pressure-temperature paths and chemical dates of monazite from a new suite of sapphirine-spinel granulites from parts of the Eastern Ghats Province, India: insights into the final amalgamation of India and East Antarctica during the formation of Rodinia. <i>Geological Society Special Publication</i> , 2017, 457, 141-170.	1.3	15
16	Metasomatic alteration of chromite from parts of the late Archaean Sittampundi Layered Magmatic Complex (SLC), Tamil Nadu, India. <i>Ore Geology Reviews</i> , 2017, 90, 148-165.	2.7	10
17	Origin of peraluminous minerals (corundum, spinel, and sapphirine) in a highly calcic anorthosite from the Sittampundi Layered Complex, Tamil Nadu, India. <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1.	3.1	24
18	Chapter 20 Provenance, timing of sedimentation and metamorphism of metasedimentary rock suites from the Southern Granulite Terrane, India. <i>Geological Society Memoir</i> , 2015, 43, 297-308.	1.7	29

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19	Phosphate minerals as a recorder of P-T-fluid regimes of metamorphic belts: example from the Palaeoproterozoic Singhbhum Shear Zone of the East Indian shield. <i>International Geology Review</i> , 2015, 57, 1619-1632.	2.1	3
20	First Report of Florencite from the Singhbhum Shear Zone of the East Indian Craton. <i>International Journal of Mineralogy</i> , 2014, 2014, 1-8.	0.6	7
21	Crustal evolution of the Southern Granulite Terrane, south India: New geochronological and geochemical data for felsic orthogneisses and granites. <i>Precambrian Research</i> , 2014, 246, 91-122.	2.7	133
22	Two-stage granulite formation in a Proterozoic magmatic arc (Ongole domain of the Eastern Ghats) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 <i>Precambrian Research</i> , 2014, 255, 467-484.	2.7	32
23	Controls of P-T path and element mobility on the formation of corundum pseudomorphs in Paleoproterozoic high-pressure anorthosite from Sittampundi, Tamil Nadu, India. <i>American Mineralogist</i> , 2013, 98, 1725-1737.	1.9	28
24	Aluminous and alkali-deficient tourmaline from the Singhbhum Shear Zone, East Indian shield: Insight for polyphase boron infiltration during regional metamorphism. <i>American Mineralogist</i> , 2011, 96, 752-767.	1.9	8
25	Magmatic and metamorphic imprints in 2.9Ga chromitites from the Sittampundi layered complex, Tamil Nadu, India. <i>Ore Geology Reviews</i> , 2011, 40, 90-107.	2.7	38
26	Mineralogical Control on Rheological Inversion of a Suite of Deformed Mafic Dykes from Parts of the Chottanagpur Granite Gneiss Complex of Eastern India. , 2011, , 263-276.		4
27	Corundum-leucosome-bearing aluminous gneiss from Ayyarmalai, Southern Granulite Terrain, India: A textbook example of vapor phase-absent muscovite-melting in silica-undersaturated aluminous rocks. <i>American Mineralogist</i> , 2010, 95, 897-907.	1.9	39
28	Chemical substitutions, paragenetic relations, and physical conditions of formation of hogbomite in the Sittampundi layered anorthosite complex, South India. <i>American Mineralogist</i> , 2009, 94, 1520-1534.	1.9	16
29	Phase relations in mafic dykes and their host rocks from Kondapalle, Andhra Pradesh, India: Implications for the time–depth trajectory of the Palaeoproterozoic (late Archaean?) granulites from southern Eastern Ghats Belt. <i>Precambrian Research</i> , 2007, 156, 153-174.	2.7	26
30	Tourmaline-bearing rocks in the Singhbhum shear zone, eastern India: Evidence of boron infiltration during regional metamorphism. <i>American Mineralogist</i> , 2005, 90, 1241-1255.	1.9	40
31	Compositional characteristics and paragenetic relations of magnesioh–gbomite in aluminous amphibolites from the Belomorian complex, Baltic Shield, Russia. <i>American Mineralogist</i> , 2004, 89, 819-831.	1.9	12
32	Indo-Antarctic Correlation: a perspective from the Eastern Ghats Granulite Belt, India. <i>Geological Society Special Publication</i> , 2003, 206, 131-143.	1.3	73
33	Evidence of Superposed Metamorphism from the Gokavaram Area, Eastern Ghats Belt, and its Relation with the Kemp Land Coast, East Antarctica. <i>Gondwana Research</i> , 1999, 2, 227-236.	6.0	6
34	Pressure-temperature-fluid evolutionary history of the polymetamorphic Sandmata granulite complex, Northwestern India. <i>Precambrian Research</i> , 1997, 83, 267-290.	2.7	36
35	Mid-crustal contact metamorphism around the Chimakurthy mafic-ultramafic complex, Eastern Ghats Belt, India. <i>Contributions To Mineralogy and Petrology</i> , 1997, 129, 182-197.	3.1	41
36	Magmatic evolution of mafic granulites from Anakapalle, Eastern Ghats, India: implications for tectonic setting of a precambrian high-grade terrain. <i>Journal of Southeast Asian Earth Sciences</i> , 1996, 14, 185-198.	0.2	8

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37	Ultrametamorphism in Precambrian granulite terranes: Evidence from Mg-Al granulites and calc-silicate granulites of the Eastern Ghats, India. <i>Geological Journal</i> , 1995, 30, 307-318.	1.3	28
38	Contrasting parageneses in the manganese silicate-carbonate rocks from Parseoni, Sausar Group, India and their interpretation. <i>Contributions To Mineralogy and Petrology</i> , 1993, 114, 533-538.	3.1	12
39	Mineral chemistry and reaction textures in metabasites from the Eastern Ghats belt, India and their implications. <i>Mineralogical Magazine</i> , 1993, 57, 113-120.	1.4	39
40	Mafic Granulites from the Eastern Ghats, India: Further Evidence for Extremely High Temperature Crustal Metamorphism. <i>Journal of Geology</i> , 1991, 99, 124-133.	1.4	45
41	A refined garnet - biotite Fe/Mg exchange geothermometer and its application in amphibolites and granulites. <i>Contributions To Mineralogy and Petrology</i> , 1991, 109, 130-137.	3.1	140
42	Ca-Ba-Sr carbonates from metamorphosed manganese deposits of the Sausar group, India, and their petrological significance. <i>Mineralogical Magazine</i> , 1990, 54, 511-513.	1.4	3
43	Petro-tectonic Imprints in the Sapphirine Granulites from Anantagiri, Eastern Ghats Mobile Belt, India. <i>Journal of Petrology</i> , 1990, 31, 971-996.	2.8	123
44	Mineral reactions in manganese oxide rocks; P-T-X phase relations. <i>Economic Geology</i> , 1989, 84, 434-443.	3.8	13
45	Mixing behavior in quaternary garnet solid solution and an extended Ellis and Green garnet-clinopyroxene geothermometer. <i>Contributions To Mineralogy and Petrology</i> , 1989, 103, 223-227.	3.1	49
46	Petrogenesis of a nepheline syenite from parts of the Chotanagpur Granite Gneissic Complex: implications for Neoproterozoic crustal extension in the East Indian Shield. <i>Geological Magazine</i> , 0, , 1-28.	1.5	0