

Pulak Sengupta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12103680/publications.pdf>

Version: 2024-02-01

46
papers

1,331
citations

331670

21
h-index

345221

36
g-index

47
all docs

47
docs citations

47
times ranked

552
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A refined garnet - biotite Fe/Mg exchange geothermometer and its application in amphibolites and granulites. Contributions To Mineralogy and Petrology, 1991, 109, 130-137. | 3.1 | 140 |
| 2 | Crustal evolution of the Southern Granulite Terrane, south India: New geochronological and geochemical data for felsic orthogneisses and granites. Precambrian Research, 2014, 246, 91-122. | 2.7 | 133 |
| 3 | Petro-tectonic Imprints in the Sapphirine Granulites from Anantagiri, Eastern Ghats Mobile Belt, India. Journal of Petrology, 1990, 31, 971-996. | 2.8 | 123 |
| 4 | Indo-Antarctic Correlation: a perspective from the Eastern Ghats Granulite Belt, India. Geological Society Special Publication, 2003, 206, 131-143. | 1.3 | 73 |
| 5 | Mixing behavior in quaternary garnet solid solution and an extended Ellis and Green garnet-clinopyroxene geothermometer. Contributions To Mineralogy and Petrology, 1989, 103, 223-227. | 3.1 | 49 |
| 6 | Mafic Granulites from the Eastern Ghats, India: Further Evidence for Extremely High Temperature Crustal Metamorphism. Journal of Geology, 1991, 99, 124-133. | 1.4 | 45 |
| 7 | Mid-crustal contact metamorphism around the Chimakurthy mafic-ultramafic complex, Eastern Ghats Belt, India. Contributions To Mineralogy and Petrology, 1997, 129, 182-197. | 3.1 | 41 |
| 8 | 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. Precambrian Research, 2018, 305, 40-63. | 2.7 | 41 |
| 9 | Tourmaline-bearing rocks in the Singhbhum shear zone, eastern India: Evidence of boron infiltration during regional metamorphism. American Mineralogist, 2005, 90, 1241-1255. | 1.9 | 40 |
| 10 | Mineral chemistry and reaction textures in metabasites from the Eastern Ghats belt, India and their implications. Mineralogical Magazine, 1993, 57, 113-120. | 1.4 | 39 |
| 11 | 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. American Mineralogist, 2010, 95, 897-907. | 1.9 | 39 |
| 12 | Magmatic and metamorphic imprints in 2.9Ga chromitites from the Sittampundi layered complex, Tamil Nadu, India. Ore Geology Reviews, 2011, 40, 90-107. | 2.7 | 38 |
| 13 | 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. Geological Society Special Publication, 2017, 457, 197-231. | 1.3 | 37 |
| 14 | Pressure-temperature-fluid evolutionary history of the polymetamorphic Sandmata granulite complex, Northwestern India. Precambrian Research, 1997, 83, 267-290. | 2.7 | 36 |
| 15 | Two-stage granulite formation in a Proterozoic magmatic arc (Ongole domain of the Eastern Ghats) Tj ETQq1 1 0.784314 rgBT /Overlaid Precambrian Research, 2014, 255, 467-484. | 2.7 | 32 |
| 16 | The Eastern Ghats Belt, India, in the context of supercontinent assembly. Geological Society Special Publication, 2017, 457, 87-104. | 1.3 | 32 |
| 17 | Chapter 20 Provenance, timing of sedimentation and metamorphism of metasedimentary rock suites from the Southern Granulite Terrane, India. Geological Society Memoir, 2015, 43, 297-308. | 1.7 | 29 |
| 18 | Ultrametamorphism in Precambrian granulite terranes: Evidence from Mg-Al granulites and calc-silicate granulites of the Eastern Ghats, India. Geological Journal, 1995, 30, 307-318. | 1.3 | 28 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | Chemical substitutions, paragenetic relations, and physical conditions of formation of hohobomite in the Sittampundi layered anorthosite complex, South India. <i>American Mineralogist</i> , 2009, 94, 1520-1534. | 1.9 | 16 |
| 27 | 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 |
| 28 | 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 |
| 29 | Mineral reactions in manganese oxide rocks; P-T-X phase relations. <i>Economic Geology</i> , 1989, 84, 434-443. | 3.8 | 13 |
| 30 | 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 |
| 31 | Compositional characteristics and paragenetic relations of magnesiohohobomite in aluminous amphibolites from the Belomorian complex, Baltic Shield, Russia. <i>American Mineralogist</i> , 2004, 89, 819-831. | 1.9 | 12 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 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 | 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 |
| 44 | 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 |
| 45 | 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 |
| 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 |