

Santanu K Bhowmik

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,625
citations

279798

23
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

728
citing authors

#	ARTICLE	IF	CITATIONS
1	Tectonic framework of the high-pressure metamorphic rocks of the Nagaland Ophiolite Complex, North-east India, and its geodynamic significance: A review. <i>Geological Journal</i> , 2022, 57, 727-748.	1.3	8
2	Transition in Thermal History and Recurring Burial-Exhumation Cycles along Colder Thermal Gradients at the Archaean-Proterozoic Boundary: New Insights from the Western Dharwar Craton, South India. <i>Journal of Petrology</i> , 2022, 63, .	2.8	1
3	Types of Metamorphism. , 2021, , 354-365.		2
4	P-T-melt/fluid evolution of abyssal mantle peridotites from the Nagaland Ophiolite Complex, NE India: Geodynamic significance. <i>Lithos</i> , 2020, 354-355, 105344.	1.4	14
5	Reply to discussion of the current status of orogenesis in the Central Indian Tectonic Zone: A view from its southern margin. <i>Geological Journal</i> , 2020, 55, 4051-4054.	1.3	2
6	Tectonothermal evolution of the Central Indian Tectonic Zone and its implications for Proterozoic supercontinent assembly: the current status. <i>Episodes</i> , 2020, 43, 132-144.	1.2	33
7	Tectonic Evolution of the Western Margin of the Burma Microplate Based on New Fossil and Radiometric Age Constraints. <i>Tectonics</i> , 2019, 38, 1718-1741.	2.8	59
8	The current status of orogenesis in the Central Indian Tectonic Zone: A view from its Southern Margin. <i>Geological Journal</i> , 2019, 54, 2912-2934.	1.3	68
9	Thermal history of a Late Mesoproterozoic paired metamorphic belt (?) during Rodinia assembly: New insight from medium-pressure granulites from the Aravalli-Delhi Mobile Belt, Northwestern India. <i>Geoscience Frontiers</i> , 2018, 9, 335-354.	8.4	35
10	The Eastern Ghats Belt, India, in the context of supercontinent assembly. <i>Geological Society Special Publication</i> , 2017, 457, 87-104.	1.3	32
11	Sequential kinetic modelling: A new tool decodes pulsed tectonic patterns in early hot orogens of Earth. <i>Earth and Planetary Science Letters</i> , 2017, 460, 171-179.	4.4	27
12	Proterozoic Tectonics and Trans-Indian Mobile Belts: A Status Report. <i>Proceedings of the Indian National Science Academy</i> , 2016, 82, .	1.4	15
13	Zoned Monazite and Zircon as Monitors for the Thermal History of Granulite Terranes: an Example from the Central Indian Tectonic Zone. <i>Journal of Petrology</i> , 2014, 55, 585-621.	2.8	98
14	Cold subduction of the Neotethys: the metamorphic record from finely banded lawsonite and epidote blueschists and associated metabasalts of the Nagaland Ophiolite Complex, India. <i>Journal of Metamorphic Geology</i> , 2014, 32, 829-860.	3.4	55
15	Burial of thermally perturbed Lesser Himalayan mid-crust: Evidence from petrochemistry and P-T estimation of the western Arunachal Himalaya, India. <i>Lithos</i> , 2014, 208-209, 298-311.	1.4	13
16	Multicomponent diffusion in garnets I: general theoretical considerations and experimental data for Fe-Mg systems. <i>Contributions To Mineralogy and Petrology</i> , 2012, 164, 571-586.	3.1	49
17	Tectonothermal evolution of the Banded Gneissic Complex in central Rajasthan, NW India: Present status and correlation. <i>Journal of Asian Earth Sciences</i> , 2012, 49, 339-348.	2.3	83
18	Growth of the Greater Indian Landmass and its assembly in Rodinia: Geochronological evidence from the Central Indian Tectonic Zone. <i>Gondwana Research</i> , 2012, 22, 54-72.	6.0	167

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19	Archaean granulite facies metamorphism at the Singhbhum Cratonâ€“Eastern Ghats Mobile Belt interface: implication for the Ur supercontinent assembly. <i>Geological Journal</i> , 2012, 47, 312-333.	1.3	38
20	$^{41}\text{Ar}/^{39}\text{Ar}$ Ga ultrahigh-temperature granulite metamorphism in the Central Indian Tectonic Zone: insights from metamorphic reaction history, geothermobarometry and monazite chemical ages. <i>Geological Journal</i> , 2011, 46, 198-216.	1.3	81
21	Zircon Uâ€“Pb/Luâ€“Hf and monazite chemical dating of the Tirodi biotite gneiss: implication for latest Palaeoproterozoic to Early Mesoproterozoic orogenesis in the Central Indian Tectonic Zone. <i>Geological Journal</i> , 2011, 46, 574-596.	1.3	77
22	Grenvillian age high-pressure upper amphibolite-granulite metamorphism in the Aravalli-Delhi Mobile Belt, Northwestern India: New evidence from monazite chemical age and its implication. <i>Precambrian Research</i> , 2010, 178, 168-184.	2.7	154
23	Petrology of a non-classical Barrovian inverted metamorphic sequence from the western Arunachal Himalaya, India. <i>Journal of Asian Earth Sciences</i> , 2009, 36, 390-406.	2.3	38
24	Constraining the metamorphic evolution of a cryptic hot Mesoproterozoic orogen in the Central Indian Tectonic Zone, using Pâ€“T pseudosection modelling of mafic intrusions and host reworked granulites. <i>Precambrian Research</i> , 2008, 162, 128-149.	2.7	38
25	Contrasting Episodes of Regional Granulite-Facies Metamorphism in Enclaves and Host Gneisses from the Aravalliâ€“Delhi Mobile Belt, NW India. <i>Journal of Petrology</i> , 2008, 49, 107-128.	2.8	52
26	Mesoproterozoic Reworking of Palaeoproterozoic Ultrahigh-temperature Granulites in the Central Indian Tectonic Zone and its Implications. <i>Journal of Petrology</i> , 2005, 46, 1085-1119.	2.8	101
27	Constraining the prograde and retrograde P-T paths of granulites using decomposition of initially zoned garnets: an example from the Central Indian Tectonic Zone. <i>Contributions To Mineralogy and Petrology</i> , 2004, 147, 581-603.	3.1	37
28	Garnetiferous Metabasites from the Sausar Mobile Belt: Petrology, P-T Path and Implications for the Tectonothermal Evolution of the Central Indian Tectonic Zone. <i>Journal of Petrology</i> , 2003, 44, 387-420.	2.8	73
29	Ultrapotassic Rocks along Late Ductile Shear Zones from the Eastern Ghats Belt, India. <i>Gondwana Research</i> , 2000, 3, 55-63.	6.0	7
30	Extremely high-temperature calcareous granulites from the Eastern Ghats, India: Evidence for isobaric cooling, fluid buffering, and terminal channelized fluid flow. <i>European Journal of Mineralogy</i> , 1995, 7, 689-704.	1.3	45
31	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