

Santosh Kumar

List of Publications by Year in descending order

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45
papers

1,363
citations

567281

15
h-index

330143

37
g-index

45
all docs

45
docs citations

45
times ranked

1046
citing authors

#	ARTICLE	IF	CITATIONS
1	Geochemistry of Proterozoic and Cambrian granites from Meghalaya Plateau, north-east India: Implication on petrogenesis of post-collisional, transitional from I-type to A-type felsic magmatism. Geological Journal, 2022, 57, 1476-1510.	1.3	2
2	Subduction versus non-subduction origin of the Nagaland-Manipur Ophiolites along the Indo-Myanmar Orogenic Belt, northeast India: Fact and fallacy. Geological Journal, 2021, 56, 1773-1794.	1.3	20
3	Forsterite reprecipitation and carbon dioxide entrapment in the lithospheric mantle during its interaction with carbonatitic melt: a case study from the Sung Valley ultramafic-alkaline-carbonatite complex, Meghalaya, NE India. Geological Magazine, 2021, 158, 475-486.	1.5	8
4	Redox series assessment, petrogenetic, and geodynamic appraisal of Neoproterozoic granites from the Bundelkhand Craton, Central India: Constraints from phase petrology and bulk rock geochemistry. Geological Journal, 2021, 56, 3035-3063.	1.3	5
5	Geochemistry and U-Pb-Lu-Hf zircon isotopes of Cu (±Au ± Mo) hosted granitoids of Malankhand pluton, Central India: Implications on petrogenesis, source, and crustal evolution. Lithos, 2021, 402-403, 106153.	1.4	1
6	Tectonic Control Over Shallow Crustal Exhumation Across the India-Asia Convergent Margin. Tectonics, 2021, 40, e2021TC006722.	2.8	4
7	Protracted Paleozoic-early Triassic thermal events in the Almora nappe, Kumaun Lesser Himalaya, India: Evidence from zircon U-Pb geochronology of Almora paragneiss. Journal of Earth System Science, 2021, 130, 1.	1.3	0
8	Three distinct Archean crustal growth events as recorded from 3.48 Ga migmatite, 2.70 Ga leucogranite, and 2.54 Ga alkali granite in the Bundelkhand Craton, Central India. Journal of Asian Earth Sciences, 2021, 219, 104886.	2.3	8
9	Field, textural, geochemical, and isotopic constraints on the origin and evolution of the magmatic microgranular enclaves from the Gharib Granitoid Complex, North Eastern Desert, Egypt. Precambrian Research, 2021, 365, 106380.	2.7	1
10	Carbonaceous material in Larji Rampur window, Himachal Himalaya: Carbon isotope compositions, micro Raman spectroscopy and implications. Journal of Earth System Science, 2021, 130, 1.	1.3	1
11	Schedule of Mafic to Hybrid Magma Injections Into Crystallizing Felsic Magma Chambers and Resultant Geometry of Enclaves in Granites: New Field and Petrographic Observations From Ladakh Batholith, Trans-Himalaya, India. Frontiers in Earth Science, 2020, 8, .	1.8	11
12	Tectonomagmatic development of the Eocene Pasevli pluton (NW Iran): Implications for the Arabia-Eurasia collision. Journal of Asian Earth Sciences, 2020, 203, 104551.	2.3	2
13	Petrology, geochemistry and geochronology of granites and granite gneisses in the SE Karakoram, India: Record of subduction-related and pre- to syn-kinematic magmatism in the Karakoram Fault Zone. Mineralogy and Petrology, 2020, 114, 413-434.	1.1	9
14	Closure of India-Asia collision margin along the Shyok Suture Zone in the eastern Karakoram: new geochemical and zircon U-Pb geochronological observations. Geological Magazine, 2020, 157, 1451-1472.	1.5	21
15	Proterozoic felsic and mafic magmatism in India: Implications for crustal evolution through crust-mantle interactions. Episodes, 2020, 43, 203-230.	1.2	14
16	FORMATION OF LOW-TEMPERATURE CHALCOPYRITE IN PLUME DERIVED MAGMA: INSIGHTS FROM PYROXENITE HOSTED SULPHIDES FROM SUNG VALLEY, MEGHALAYA, NE INDIA. , 2020, , .		0
17	Petrology, geochemistry and zircon U-Pb-Lu-Hf isotopes of Paleoproterozoic granite gneiss from Bomdila in the western Arunachal Himalaya, NE India. Geological Society Special Publication, 2019, 481, 341-377.	1.3	15
18	Crustal architecture and evolution of the Himalaya-Karakoram-Tibet Orogen: introduction. Geological Society Special Publication, 2019, 481, 1-5.	1.3	4

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19	Morphology and Chemistry of Zircons from the Paleoproterozoic Cu (±Mo±Au) Hosting Granitoids of Malanjkhand Mine Area, Central India. <i>Journal of the Geological Society of India</i> , 2019, 93, 257-262.	1.1	2
20	Myrmekitic intergrowth of tourmaline and quartz in eclogite-hosting gneisses of the Tso Morari ultrahigh-pressure metamorphic terrane (Eastern Ladakh, India): a possible record of high-pressure conditions. <i>Geological Society Special Publication</i> , 2019, 481, 175-194.	1.3	2
21	Redox Condition, Nature and Tectono-magmatic Environment of Granitoids and Granite gneisses from the Karbi Anglong Hills, Northeast India: Constraints from Magnetic Susceptibility and Biotite Geochemistry. <i>Journal of the Geological Society of India</i> , 2018, 91, 601-612.	1.1	8
22	Geochemistry and U-Pb SHRIMP zircon geochronology of microgranular enclaves and host granitoids from the South Khasi Hills of the Meghalaya Plateau, NE India: evidence of synchronous mafic-felsic magma mixing-fractionation and diffusion in a post-collision tectonic environment during the Pan-African orogenic cycle. <i>Geological Society Special Publication</i> , 2017, 457, 253-289.	1.3	23
23	Early Cretaceous subvolcanic calc-alkaline granitoid magmatism in the Nubra-Shyok valley of the Shyok Suture Zone, Ladakh Himalaya, India: Evidence from geochemistry and U-Pb SHRIMP zircon geochronology. <i>Lithos</i> , 2017, 277, 33-50.	1.4	26
24	Contribution of Columbia and Gondwana Supercontinent assembly- and growth-related magmatism in the evolution of the Meghalaya Plateau and the Mikir Hills, Northeast India: Constraints from U-Pb SHRIMP zircon geochronology and geochemistry. <i>Lithos</i> , 2017, 277, 356-375.	1.4	51
25	Mineralogy, Geochemistry and Palaeomagnetism of Mafic Dykes from Kumaun Lesser Himalaya: Implication on Petrogenesis, Tectonic Setting and Timing of Mafic Magmatism in Northern Part of Indian Lithosphere. <i>Acta Geologica Sinica</i> , 2016, 90, 120-121.	1.4	0
26	Geological appraisal of Ladakh and Tirit granitoids in the Indus- Shyok Suture Zones of northwest Himalaya, India. <i>Journal of the Geological Society of India</i> , 2016, 87, 737-746.	1.1	18
27	Mineralogy and geochemistry of granitoids from Kinnaur region, Himachal Higher Himalaya, India: Implication on the nature of felsic magmatism in the collision tectonics. <i>Journal of Earth System Science</i> , 2016, 125, 1329-1352.	1.3	7
28	Geochemistry of biotites and host granitoid plutons from the Proterozoic Mahakoshal Belt, central India tectonic zone: implication for nature and tectonic setting of magmatism. <i>International Geology Review</i> , 2015, 57, 1686-1706.	2.1	44
29	International seminar on Magmatism, Tectonism and Mineralization (MTM-2014). <i>Journal of the Geological Society of India</i> , 2014, 84, 746-747.	1.1	0
30	Magmatic Processes: Review of Some Concepts and Models. <i>Society of Earth Scientists Series</i> , 2014, , 1-22.	0.3	4
31	Geochemistry and U-Pb SHRIMP zircon chronology of granitoids and microgranular enclaves from Jhirdadandi Pluton of Mahakoshal Belt, Central India Tectonic Zone, India. <i>Journal of Asian Earth Sciences</i> , 2013, 70-71, 99-114.	2.3	69
32	Magnetic susceptibility mapping of felsic magmatic lithounits in the central part of Bundelkhand Massif, central India. <i>Journal of the Geological Society of India</i> , 2010, 75, 539-548.	1.1	22
33	Mineralogy and geochemistry of biotites from Proterozoic granitoids of western Arunachal Himalaya: Evidence of bimodal granitogeny and tectonic affinity. <i>Journal of the Geological Society of India</i> , 2010, 75, 715-730.	1.1	38
34	Mafic to hybrid microgranular enclaves in the Ladakh batholith, northwest Himalaya: Implications on calc-alkaline magma chamber processes. <i>Journal of the Geological Society of India</i> , 2010, 76, 5-25.	1.1	46
35	Petrography and major elements geochemistry of microgranular enclaves and neoproterozoic granitoids of south Khasi, Meghalaya: Evidence of magma mixing and alkali diffusion. <i>Journal of the Geological Society of India</i> , 2010, 76, 345-360.	1.1	20
36	Petrology and geochemistry of the mafic dyke rocks from precambrian almora crystallines of Kumaun Lesser Himalaya. <i>Journal of the Geological Society of India</i> , 2010, 76, 437-452.	1.1	4

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37	Mineralogy and Geochemistry of mafic to hybrid microgranular enclaves and felsic host of Ladakh batholith, Northwest Himalaya: Evidence of multistage complex magmatic processes. Himalayan Journal of Sciences, 2008, 5, 130-131.	0.3	2
38	Geochemistry and Petrogenesis of Granitoids from Kameng Corridor of Arunachal Himalaya, Northeast India. Himalayan Journal of Sciences, 2008, 5, 132.	0.3	0
39	Mineralogy and geochemistry of microgranular enclaves in Palaeoproterozoic Malanjkhhand granitoids, central India: evidence of magma mixing, mingling, and chemical equilibration. Contributions To Mineralogy and Petrology, 2006, 152, 591-609.	3.1	114
40	Geochemistry of biotite, muscovite and tourmaline from Early Palaeozoic granitoids of Kinnaur district, Higher Himachal Himalaya. Himalayan Journal of Sciences, 2006, 2, 248-249.	0.3	3
41	Magnetic susceptibility and biotite composition of granitoids of Amritpur and adjoining regions, Kumaun Lesser Himalaya. Himalayan Journal of Sciences, 2006, 2, 188-189.	0.3	0
42	Petrogenetic Appraisal of Early Palaeozoic Granitoids of Kinnaur District, Higher Himachal Himalaya, India. Gondwana Research, 2005, 8, 67-76.	6.0	15
43	Field Evidence of Magma Mixing from Microgranular Enclaves Hosted in Palaeoproterozoic Malanjkhhand Granitoids, Central India. Gondwana Research, 2004, 7, 539-548.	6.0	84
44	The closing of Tethys and the tectonics of the Himalaya. Bulletin of the Geological Society of America, 1987, 98, 678.	3.3	633
45	Pyroxenite hosted chalcopyrites from Sung valley, Meghalaya, NE India: Implications for formation of both high- and low-temperature sulphides in plume derived magma. Geological Society Special Publication, 0, , SP518-2020-183.	1.3	2