Santosh Kumar

List of Publications by Year
in descending order

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	The closing of Tethys and the tectonics of the Himalaya. Bulletin of the Geological Society of America, 1987, 98, 678.	3.3	633
2	Mineralogy and geochemistry of microgranular enclaves in Palaeoproterozoic Malanjkhand granitoids, central India: evidence of magma mixing, mingling, and chemical equilibration. Contributions To Mineralogy and Petrology, 2006, 152, 591-609.	3.1	114
3	Field Evidence of Magma Mixing from Microgranular Enclaves Hosted in Palaeoproterozoic Malanjkhand Granitoids, Central India. Gondwana Research, 2004, 7, 539-548.	6.0	84
4	Geochemistry and Uâ€“Pb SHRIMP zircon chronology of granitoids and microgranular enclaves from Jhirgadandi Pluton of Mahakoshal Belt, Central India Tectonic Zone, India. Journal of Asian Earth Sciences, 2013, 70-71, 99-114.	2.3	69
5	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. Lithos, 2017, 277, 356-375.	1.4	51
6	Mafic to hybrid microgranular enclaves in the Ladakh batholith, northwest Himalaya: Implications on calc-alkaline magma chamber processes. Journal of the Geological Society of India, 2010, 76, 5-25.	1.1	46
7	Geochemistry of biotites and host granitoid plutons from the Proterozoic Mahakoshal Belt, central India tectonic zone: implication for nature and tectonic setting of magmatism. International Geology Review, 2015, 57, 1686-1706.	2.1	44
8	Mineralogy and geochemistry of biotites from Proterozoic granitoids of western Arunachal Himalaya: Evidence of bimodal granitogeny and tectonic affinity. Journal of the Geological Society of India, 2010, 75, 715-730.	1.1	38
9	Early Cretaceous subvolcanic calc-alkaline granitoid magmatism in the Nubra-Shyok valley of the Shyok Suture Zone, Ladakh Himalaya, India: Evidence from geochemistry and Uâ€“Pb SHRIMP zircon geochronology. Lithos, 2017, 277, 33-50.	1.4	26
10	Geochemistry and Uâ€“Pb SHRIMP zircon geochronology of microgranular enclaves and host granitoids from the South Khasi Hills of the Meghalaya Plateau, NE India: evidence of synchronous maficâ€“felsic magma mixingâ€“fractionation and diffusion in a post-collision tectonic environment during the Pan-African orogenic cycle. Geological Society Special Publication, 2017, 457, 253-289.	1.3	23
11	Magnetic susceptibility mapping of felsic magmatic lithounits in the central part of Bundelkhand Massif, central India. Journal of the Geological Society of India, 2010, 75, 539-548.	1.1	22
12	Closure of Indiaâ€“Asia collision margin along the Shyok Suture Zone in the eastern Karakoram: new geochemical and zircon Uâ€“Pb geochronological observations. Geological Magazine, 2020, 157, 1451-1472.	1.5	21
13	Petrography and major elements geochemistry of microgranular enclaves and neoproterozoic granitoids of south Khasi, Meghalaya: Evidence of magma mixing and alkali diffusion. Journal of the Geological Society of India, 2010, 76, 345-360.	1.1	20
14	Subduction versus nonâ€subduction origin of <scp>the Nagalandâ€Manipur</scp> Ophiolites along the <scp>Indoâ€Myanmar</scp> Orogenic Belt, northeast India: Fact and fallacy. Geological Journal, 2021, 56, 1773-1794.	1.3	20
15	Geological appraisal of Ladakh and Tirit granitoids in the Indus- Shyok Suture Zones of northwest Himalaya, India. Journal of the Geological Society of India, 2016, 87, 737-746.	1.1	18
16	Petrogenetic Appraisal of Early Palaeozoic Granitoids of Kinnaur District, Higher Himachal Himalaya, India. Gondwana Research, 2005, 8, 67-76.	6.0	15
17	Petrology, geochemistry and zircon Uâ€“Pbâ€“Luâ€“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	Proterozoic felsic and mafic magmatism in India: Implications for crustal evolution through crust-mantle interactions. Episodes, 2020, 43, 203-230.	1.2	14

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19	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
20	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
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. Journal of the Geological Society of India, 2018, 91, 601-612.	1.1	8
22	Forsterite reprecipitation and carbon dioxide entrapment in the lithospheric mantle during its interaction with carbonatitic melt: a case study from the Sung Valley ultramaficâ€“alkalineâ€“carbonatite complex, Meghalaya, NE India. Geological Magazine, 2021, 158, 475-486.	1.5	8
23	Three distinct Archean crustal growth events as recorded from 3.48ÂGa migmatite, 2.70ÂGa leucogranite, and 2.54ÂGa alkali granite in the Bundelkhand Craton, Central India. Journal of Asian Earth Sciences, 2021, 219, 104886.	2.3	8
24	Mineralogy and geochemistry of granitoids from Kinnaur region, Himachal Higher Himalaya, India: Implication on the nature of felsic magmatism in the collision tectonics. Journal of Earth System Science, 2016, 125, 1329-1352.	1.3	7
25	Redox series assessment, petrogenetic, and geodynamic appraisal of Neoarchean granites from the Bundelkhand Craton, Central India: Constraints from phase petrology and bulk rock geochemistry. Geological Journal, 2021, 56, 3035-3063.	1.3	5
26	Petrology and geochemistry of the mafic dyke rocks from precambrian almora crystallines of Kumaun Lesser Himalaya. Journal of the Geological Society of India, 2010, 76, 437-452.	1.1	4
27	Crustal architecture and evolution of the Himalayaâ€“Karakoramâ€“Tibet Orogen: introduction. Geological Society Special Publication, 2019, 481, 1-5.	1.3	4
28	Tectonic Control Over Shallow Crustal Exhumation Across the Indiaâ€Asia Convergent Margin. Tectonics, 2021, 40, e2021TC006722.	2.8	4
29	Magmatic Processes: Review of Some Concepts and Models. Society of Earth Scientists Series, 2014, , 1-22.	0.3	4
30	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
31	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
32	Morphology and Chemistry of Zircons from the Paleoproterozoic Cu (Â±MoÂ±Au) Hosting Granitoids of Malanjkhand Mine Area, Central India. Journal of the Geological Society of India, 2019, 93, 257-262.	1.1	2
33	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. Geological Society Special Publication, 2019, 481, 175-194.	1.3	2
34	Tectonomagmatic development of the Eocene Pasevh pluton (NW Iran): Implications for the Arabia-Eurasia collision. Journal of Asian Earth Sciences, 2020, 203, 104551.	2.3	2
35	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
36	Geochemistry of Proterozoic and Cambrian granites from Meghalaya Plateau, northâ€east India: Implication on petrogenesis of postâ€collisional, transitional from Iâ€type to Aâ€type felsic magmatism. Geological Journal, 2022, 57, 1476-1510.	1.3	2

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37	Geochemistry and U-Pb-Lu-Hf zircon isotopes of Cu (Â±Au Â± Mo) hosted granitoids of Malanjkhand pluton, Central India: Implications on petrogenesis, source, and crustal evolution. Lithos, 2021, 402-403, 106153.	1.4	1
38	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
39	Carbonaceous material in Larjiâ€“Rampur window, Himachal Himalaya: Carbon isotope compositions, micro Raman spectroscopy and implications. Journal of Earth System Science, 2021, 130, 1.	1.3	1
40	Geochemistry and Petrogenesis of Granitoids from Kameng Corridor of Arunachal Himalaya, Northeast India. Himalayan Journal of Sciences, 2008, 5, 132.	0.3	0
41	International seminar on Magmatism, Tectonism and Mineralization (MTM-2014). Journal of the Geological Society of India, 2014, 84, 746-747.	1.1	0
42	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. Acta Geologica Sinica, 2016, 90, 120-121.	1.4	0
43	Protracted Paleozoicâ€“early Triassic thermal events in the Almora nappe, Kumaun Lesser Himalaya, India: Evidence from zircon Uâ€“Pb geochronology of Almora paragneiss. Journal of Earth System Science, 2021, 130, 1.	1.3	0
44	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
45	FORMATION OF LOW-TEMPERATURE CHALCOPYRITE IN PLUME DERIVED MAGMA: INSIGHTS FROM PYROXENITE HOSTED SULPHIDES FROM SUNG VALLEY, MEGHALAYA, NE INDIA. , 2020, , .		0