Dinesh Pandit

List of Publications by Year
in descending order

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		759233	752698
33	456	12	20
papers	citations	h-index	g-index

33	33	33	296
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Petrogenesis of a Mesoproterozoic shoshonitic lamprophyre dyke from the Wajrakarur kimberlite field, eastern Dharwar craton, southern India: Geochemical and Sr-Nd isotopic evidence for a modified sub-continental lithospheric mantle source. Lithos, 2017, 292-293, 218-233.	1.4	47
2	Subduction â€“ tectonics in the evolution of the eastern Dharwar craton, southern India: Insights from the post-collisional calc-alkaline lamprophyres at the western margin of the Cuddapah basin. Precambrian Research, 2017, 298, 235-251.	2.7	46
3	Post-collisional calc-alkaline lamprophyres from the Kadiri greenstone belt: Evidence for the Neoarchean convergence-related evolution of the Eastern Dharwar Craton and its schist belts. Lithos, 2018, 320-321, 105-117.	1.4	38
4	Imprints of modal metasomatism in the post-Deccan subcontinental lithospheric mantle: petrological evidence from an ultramafic xenolith in an Eocene lamprophyre, NW India. Geological Society Special Publication, 2018, 463, 117-136.	1.3	35
5	Reconstructing physico-chemical parameters of hydrothermal mineralization of copper at the Malanjkhand deposit, India, from mineral chemistry of biotite, chlorite and epidote. Geochemical Journal, 2008, 42, 443-460.	1.0	31
6	Petrology and geochemistry of the Mesoproterozoic Vattikod lamproites, Eastern Dharwar Craton, southern India: evidence for multiple enrichment of sub-continental lithospheric mantle and links with amalgamation and break-up of the Columbia supercontinent. Contributions To Mineralogy and Petrology, 2018, 173, 1.	3.1	25
7	Rift-associated ultramafic lamprophyre (damtjernite) from the middle part of the Lower Cretaceous (125ÂMa) succession of Kutch, northwestern India: Tectonomagmatic implications. Geoscience Frontiers, 2018, 9, 1883-1902.	8.4	24
8	Comparative petrogenesis and tectonics of Paleoproterozoic Malanjkhand and Dongargarh granitoids, Central India. Journal of Asian Earth Sciences, 2012, 50, 14-26.	2.3	21
9	Constrains from magmatic and hydrothermal epidotes on crystallization of granitic magma and sulfide mineralization in Paleoproterozoic Malanjkhand Granitoid, Central India. Chemie Der Erde, 2014, 74, 715-733.	2.0	17
10	Synthesis, microstructure and corrosion behavior of compositionally graded Ni-YSZ diffusion barrier coatings on inconel-690 for applications in high temperature environments. Corrosion Science, 2018, 135, 243-254.	6.6	17
11	An islandâ€arc tectonic setting for the Neoarchean Sonakhan Greenstone Belt, Bastar Craton, Central India: Insights from the chromite mineral chemistry and geochemistry of the siliceous highâ€Mg basalts (SHMB). Geological Journal, 2018, 53, 1526-1542.	1.3	17
12	Petrogenesis of end-Cretaceous/Early Eocene lamprophyres from the Deccan Large Igneous Province: Constraints on plume-lithosphere interaction and the post-Deccan lithosphere-asthenosphere boundary (LAB) beneath NW India. Lithos, 2019, 346-347, 105139.	1.4	17
13	Rare Earth Element Enrichment in Late Archean Manganese Deposits from the Iron Ore Group, East India. Resource Geology, 2008, 58, 402-413.	0.8	12
14	Analytical Protocol for U-Th-Pb Chemical Dating of Monazite using CAMECA SXFive EPMA Installed at the Mantle Petrology Laboratory, Department of Geology, Banaras Hindu University, Varanasi, India. Journal of the Geological Society of India, 2019, 93, 46-50.	1.1	12
15	Lithosphereâ€“asthenosphere interaction and carbonatite metasomatism in the genesis of Mesoproterozoic shoshonitic lamprophyres at Korakkodu, Wajrakarur kimberlite field, Eastern Dharwar Craton, southern India. Geological Journal, 2019, 54, 3060-3077.	1.3	11
16	Petrology and Sr-Nd isotope systematics of the Ahobil kimberlite (Pipe-16) from the Wajrakarur field, Eastern Dharwar craton, southernÂIndia. Geoscience Frontiers, 2019, 10, 1167-1186.	8.4	11
17	Cobaltoan pyrite in a lamprophyre from the Sidhi Gneissic complex, Mahakoshal belt, Central India. Journal of the Geological Society of India, 2018, 91, 5-8.	1.1	9
18	Geochemistry of Feldspar intergrowth microtextures from paleoproterozoic granitoids in Central India: Implications to exsolution processes in granitic system. Journal of the Geological Society of India, 2015, 85, 163-182.	1.1	6

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19	Recurrent Lamprophyre Magmatism in the Narmada Rift Zone: Petrographic and Mineral Chemistry Evidence from Xenoliths in the Eocene Dongargaon Lamprophyre, NW Deccan Large Igneous Province, India. Journal of the Indian Institute of Science, 2018, 98, 401-415.	1.9	6
20	Arc-Related Pyroxenites Derived from a Long-Lived Neoarchean Subduction System at the Southwestern Margin of the Cuddapah Basin: Geodynamic Implications for the Evolution of the Eastern Dharwar Craton, Southern India. Journal of Geology, 2019, 127, 567-591.	1.4	6
21	Neoarchean suprasubduction zone magmatism in the Sonakhan greenstone belt, Bastar Craton, India: Implications for subduction initiation and melt extraction. Geological Journal, 2019, 54, 3980-4000.	1.3	6
22	Crystallization Evolution of Accessory Minerals in Palaeoproterozoic Granites of Bastar Craton, India. Current Science, 2018, 114, 2329.	0.8	6
23	Comparative geochemical, magnetic susceptibility, and fluid inclusion studies on the Paleoproterozoic Malanjkhand and Dongargarh granitoids, Central India and implications to metallogeny. Mineralogy and Petrology, 2014, 108, 663-680.	1.1	5
24	Chrome-diopside Megacryst-bearing Lamprophyre from the Late Cretaceous Mundwara Alkaline Complex, NW India: Petrological and Geodynamic Implications. Journal of the Geological Society of India, 2018, 91, 395-399.	1.1	5
25	Magma chamber processes and geodynamic implications of the Pithora pluton, Bastar Craton, Central India. Geological Journal, 2020, 55, 2738-2759.	1.3	5
26	Lattice preferred orientation analysis of deformed quartz: An advanced application of high resolution X-ray diffractometer. Journal of the Geological Society of India, 2012, 79, 169-174.	1.1	4
27	A new analytical protocol for high precision Uâ€“Thâ€“Pb chemical dating of xenotime from the TTG gneisses of the Bundelkhand Craton, central India, using CAMECA SXFive Electron Probe Micro Analyzer. Journal of Earth System Science, 2020, 129, 1.	1.3	4
28	Reconstruction of Physicochemical Environment of Hydrothermal Mineralization at <scp>M</scp>alanjkhand Copper Deposit, Central <scp>I</scp>ndia: Constraints from Sulfur Isotope Ratios in Pyrite, Molybdenite and Chalcopyrite. Resource Geology, 2013, 63, 110-116.	0.8	3
29	Dissecting through the metallogenic potentials of Precambrian granitoids: case studies from the Bastar and Eastern Dharwar Cratons, India. Geological Society Special Publication, 2020, 489, 157-188.	1.3	3
30	Petrogenetic aspects and role of liquid immiscibility from parts of eastern Deccan volcanic province, India. Geological Journal, 2020, 55, 5619-5638.	1.3	3
31	Boron Measurement in Tourmaline from Pegmatite Veins, Simdega Area, Chhotanagpur Gneissic Complex, Eastern India using Electron Probe Microanalysis. Current Science, 2019, 117, 858.	0.8	2
32	Petrogenesis of an alkaline lamprophyre (camptonite) with ocean island basalt (OIB)-affinity at the NW margin of the Cuddapah basin, eastern Dharwar craton, southern India. Neues Jahrbuch Fur Mineralogie, Abhandlungen, 2019, 196, 149-177.	0.3	2
33	Pyroxenite dykes with petrological and geochemical affinities to the Alaskan-type ultramafics at the northwestern margin of the Cuddapah basin, Dharwar craton, southern India: Tectonomagmatic implications. Journal of Earth System Science, 2019, 128, 1.	1.3	0