D Chandrasekharam

List of Publications by Year
in descending order

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47	1,771	361413	276875
papers	citations	20 h-index	41 g-index

48	48	48	1543
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Arsenic enrichment in groundwater of West Bengal, India: geochemical evidence for mobilization of As under reducing conditions. Applied Geochemistry, 2003, 18, 1417-1434.	3.0	242
2	Impact of irrigation with As rich groundwater on soil and crops: A geochemical case study in West Bengal Delta Plain, India. Applied Geochemistry, 2005, 20, 1890-1906.	3.0	202
3	Geochemistry of Flood Basalts of the Toranmal Section, Northern Deccan Traps, India: Implications for Regional Deccan Stratigraphy. Journal of Petrology, 2000, 41, 1099-1120.	2.8	160
4	Nature of Sub-volcanic Magma Chambers, Deccan Province, India: Evidence from Quantitative Textural Analysis of Plagioclase Megacrysts in the Giant Plagioclase Basalts. Journal of Petrology, 2007, 48, 885-900.	2.8	92
5	CO2-induced mechanical behaviour of Hawkesbury sandstone in the Gosford basin: An experimental study. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 641, 123-137.	5.6	81
6	Origin and evolution of â€˜intracratonicâ€™ thermal fluids from central-western peninsular India. Earth and Planetary Science Letters, 2000, 181, 377-394.	4.4	79
7	Structure and evolution of the western continental margin of India deduced from gravity, seismic, geomagnetic and geochronological studies. Physics of the Earth and Planetary Interiors, 1985, 41, 186-198.	1.9	69
8	Influence of traditional agricultural practices on mobilization of arsenic from sediments to groundwater in Bengal delta. Water Research, 2010, 44, 5575-5588.	11.3	67
9	Geochemical stratigraphy of Deccan flood basalts of the Bijasan Ghat section, Satpura Range, India. Journal of Asian Earth Sciences, 2004, 23, 127-139.	2.3	52
10	Elemental and Ndâ€“Srâ€“Pb isotope geochemistry of flows and dikes from the Tapi rift, Deccan flood basalt province, India. Journal of Volcanology and Geothermal Research, 1999, 93, 111-123.	2.1	47
11	Temporal variations in arsenic concentration in the groundwater of Murshidabad District, West Bengal, India. Environmental Earth Sciences, 2011, 62, 223-232.	2.7	46
12	Thermo-mechanical properties of Bundelkhand granite near Jhansi, India. Geomechanics and Geophysics for Geo-Energy and Geo-Resources, 2015, 1, 35-53.	2.9	40
13	Geothermal energy resources of wadi Al-Lith, Saudi Arabia. Journal of African Earth Sciences, 2014, 97, 357-367.	2.0	38
14	Low-Enthalpy Geothermal Resources for Power Generation. , 0, , .		36
15	Plume-rift interaction in the Deccan volcanic province. Physics of the Earth and Planetary Interiors, 1997, 99, 179-187.	1.9	33
16	Potential Geothermal Energy Resources of India: A Review. Current Sustainable/Renewable Energy Reports, 2016, 3, 80-91.	2.6	33
17	Geochemistry of Tattapani thermal springs, madhya Pradesh, Indiaâ€”field and experimental investigations. Geothermics, 1995, 24, 553-559.	3.4	30
18	Physico-chemical characteristics of Jharkhand and West Bengal thermal springs along SONATA mega lineament, India. Journal of Earth System Science, 2015, 124, 419-430.	1.3	26

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19	Geothermal energy resources of Jizan, SW Saudi Arabia. Journal of African Earth Sciences, 2015, 109, 55-67.	2.0	25
20	Geochemistry, geothermics and relationship to active tectonics of Gujarat and Rajasthan thermal discharges, India. Journal of Volcanology and Geothermal Research, 2003, 127, 19-32.	2.1	23
21	Understanding the evolution of thermal fluids along the western continental margin of India using geochemical and boron isotope signatures. Geothermics, 2018, 74, 197-209.	3.4	22
22	Contamination and mobilization of arsenic in the soil and groundwater and its influence on the irrigated crops, Manipur Valley, India. Environmental Earth Sciences, 2016, 75, 1.	2.7	21
23	Evolution of geothermal systems around the Red Sea. Environmental Earth Sciences, 2015, 73, 4215-4236.	2.7	20
24	Early alkaline magmatism in the Deccan Traps: Implications for plume incubation and lithospheric rifting. Physics of the Earth and Planetary Interiors, 1997, 104, 371-376.	1.9	19
25	Petrogenetic significance of ferro-enstatite orthopyroxene in basaltic dikes from the Tapi rift, Deccan flood basalt province, India. Earth and Planetary Science Letters, 2000, 179, 469-476.	4.4	19
26	Dissolved organic carbon from the traditional jute processing technique and its potential influence on arsenic enrichment in the Bengal Delta. Applied Geochemistry, 2012, 27, 292-303.	3.0	19
27	Geochemical Signature of Arsenic-Contaminated Groundwater in Barak Valley (Assam) and Surrounding Areas, Northeastern India. Procedia Earth and Planetary Science, 2013, 7, 834-837.	0.6	18
28	On the distribution and speciation of arsenic in the soil-plant-system of a rice field in West-Bengal, India: A Î¼-synchrotron techniques based case study. Applied Geochemistry, 2017, 77, 4-14.	3.0	17
29	Relationship of arsenic accumulation with irrigation practices and crop type in agriculture soils of Bengal Delta, India. Applied Water Science, 2019, 9, 1.	5.6	16
30	CO2 emissions from renewables: solar pv, hydrothermal and EGS sources. Geomechanics and Geophysics for Geo-Energy and Geo-Resources, 2020, 6, 1.	2.9	16
31	Plagioclase as recorder of magma chamber processes in the Deccan Traps: Sr-isotope zoning and implications for Deccan eruptive event. Journal of Asian Earth Sciences, 2014, 84, 95-101.	2.3	15
32	The potential of high heat generating granites as EGS source to generate power and reduce CO 2 emissions, western Arabian shield, Saudi Arabia. Journal of African Earth Sciences, 2015, 112, 213-233.	2.0	15
33	Geothermal energy potential of eastern desert region, Egypt. Environmental Earth Sciences, 2016, 75, 1.	2.7	15
34	Geochemistry of thermal springs around Lake Abhe, Western Djibouti. International Journal of Sustainable Energy, 2014, 33, 1090-1102.	2.4	13
35	The potential contribution of geothermal energy to electricity supply in Saudi Arabia. International Journal of Sustainable Energy, 2016, 35, 824-833.	2.4	13
36	Major and trace element concentrations in the geothermal springs along the west coast of Maharashtra, India. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	11

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37	Desalination of Seawater using Geothermal Energy to Meet Future Fresh Water Demand of Saudi Arabia. Water Resources Management, 2017, 31, 781-792.	3.9	10
38	Geothermal energy for sustainable water resources management. International Journal of Green Energy, 2020, 17, 1-12.	3.8	10
39	Geochemical evolution of geothermal fluids around the western Red Sea and East African Rift geothermal provinces. Journal of Asian Earth Sciences, 2018, 164, 292-306.	2.3	8
40	Geothermal energy for desalination to secure food security: case study in Djibouti. Energy, Sustainability and Society, 2019, 9, .	3.8	8
41	Physicochemical evolution of the thermal springs over the Siwana Ring Complex, western Rajasthan. Journal of the Geological Society of India, 2014, 84, 668-674.	1.1	7
42	Heavy metal signatures in urban and peri-urban agricultural soils across the Mumbai Metropolitan Region, India. Nutrient Cycling in Agroecosystems, 2019, 115, 295-312.	2.2	7
43	Geothermal energy resources of India. , 2002, , .		6
44	Geo-mythology of India. Geological Society Special Publication, 2007, 273, 29-37.	1.3	3
45	Surface Generated Organic Matter: An Important Driver for Arsenic Mobilization in Bengal Delta Plain. , 2015, , 179-196.		3
46	Arsenic pollution in groundwater of West Bengal, India. , 2005, , 25-29.		3
47	Geochemistry of thermal waters and thermal gases. , 2002, , .		0