

Mita Rajaram

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

427
citations

759233

12
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	Curie isotherm map of Indian subcontinent from satellite and aeromagnetic data. Earth and Planetary Science Letters, 2009, 281, 147-158.	4.4	66
2	Depth to the bottom of magnetic sources (DBMS) from aeromagnetic data of Central India using modified centroid method for fractal distribution of sources. Tectonophysics, 2013, 603, 155-161.	2.2	63
3	A detailed study of equatorial electrojet phenomenon using Årsted satellite observations. Journal of Geophysical Research, 2002, 107, SIA 12-1-SIA 12-12.	3.3	62
4	Aeromagnetic signatures of Precambrian shield and suture zones of Peninsular India. Geoscience Frontiers, 2014, 5, 3-15.	8.4	42
5	Insight into the structures below the Deccan Trap-covered region of Maharashtra, India from geopotential data. Geological Society Special Publication, 2017, 445, 219-236.	1.3	28
6	Structure and tectonics of 85°E Ridge from analysis of Geopotential data. Tectonophysics, 2009, 478, 100-110.	2.2	21
7	Crustal structure of Narmada-Son Lineament: An aeromagnetic perspective. Earth, Planets and Space, 2004, 56, e9-e12.	2.5	19
8	Central Indian tectonics revisited using aeromagnetic data. Earth, Planets and Space, 2003, 55, e1-e4.	2.5	18
9	Tectonic framework of Laccadive Ridge in Western Continental Margin of India. Marine Geology, 2013, 346, 79-90.	2.1	18
10	Crustal Magnetic Studies over Krishna-Godavari Basin in Eastern Continental Margin of India. Gondwana Research, 2000, 3, 385-393.	6.0	14
11	Main field control of the equatorial electrojet: a preliminary study from the Oersted data. Journal of Geodynamics, 2002, 33, 157-171.	1.6	12
12	A relook into the crustal architecture of Laxmi Ridge, northeastern Arabian Sea from geopotential data. Journal of Earth System Science, 2015, 124, 613-630.	1.3	12
13	Aeromagnetic study of peninsular India. Journal of Earth System Science, 2000, 109, 381.	1.3	11
14	Application of ridge-regression in inversion of low-latitude magnetic anomalies derived from space measurements. Earth and Planetary Science Letters, 1987, 84, 277-284.	4.4	8
15	Inversion of magnetic and gravity data in the Indian region. Geophysical Monograph Series, 1989, , 271-277.	0.1	8
16	Spherical Earth modelling of the scalar magnetic anomaly over the Indian Region. Geophysical Research Letters, 1986, 13, 961-964.	4.0	7
17	Magnetic anomaly modeling at the Indo Eurasian collision zone. Tectonophysics, 1992, 212, 117-127.	2.2	7
18	Definition of the continent-ocean boundary of India and the surrounding oceanic regions from Magsat data. Tectonophysics, 1991, 192, 145-151.	2.2	6

#	ARTICLE	IF	CITATIONS
19	Magsat studies over the Indian region. <i>Journal of Earth System Science</i> , 1990, 99, 619-637.	1.3	5
20	MAGSAT's contribution to geophysical surveys. <i>Advances in Space Research</i> , 1993, 13, 33-42.	2.6	0
21	Structural framework of the Wagad uplift and adjoining regions, Kutch rift basin, India, from aeromagnetic data. <i>Journal of Earth System Science</i> , 2019, 128, 1.	1.3	0