

# Niraj Kumar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11976842/publications.pdf>

Version: 2024-02-01

14  
papers

242  
citations

1040056

9  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

146  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lithospheric structure of southern Indian shield and adjoining oceans: integrated modelling of topography, gravity, geoid and heat flow data. <i>Geophysical Journal International</i> , 2013, 194, 30-44.	2.4	47
2	Gravity signatures, derived crustal structure and tectonics of Achankovil Shear Zone, southern India. <i>Gondwana Research</i> , 2009, 16, 45-55.	6.0	28
3	3D Lithosphere density structure of southern Indian shield from joint inversion of gravity, geoid and topography data. <i>Journal of Asian Earth Sciences</i> , 2014, 89, 98-107.	2.3	26
4	Insights into the Crustal Structure and Geodynamic Evolution of the Southern Granulite Terrain, India, from Isostatic Considerations. <i>Pure and Applied Geophysics</i> , 2011, 168, 1781-1798.	1.9	24
5	Nature of the crust along Kuppamâ€Palani geotranssect (South India) from Gravity studies: Implications for Precambrian continental collision and delamination. <i>Gondwana Research</i> , 2006, 10, 41-47.	6.0	23
6	Three-dimensional lithospheric mapping of the eastern Indian shield: A multi-parametric inversion approach. <i>Tectonophysics</i> , 2015, 665, 164-176.	2.2	23
7	Crustal density structure across the Central Indian Shear Zone from gravity data. <i>Journal of Asian Earth Sciences</i> , 2011, 42, 341-353.	2.3	21
8	Structural fabric of the Southern Indian shield as defined by gravity trends. <i>Journal of Asian Earth Sciences</i> , 2009, 34, 577-585.	2.3	16
9	Crust-mantle structure and lithospheric destruction of the oldest craton in the Indian shield. <i>Precambrian Research</i> , 2021, 362, 106280.	2.7	14
10	Geopotential evidence of a missing lithospheric root beneath the eastern Indian shield: An integrated approach. <i>Precambrian Research</i> , 2021, 356, 106116.	2.7	9
11	Gravity Anomalies, Isostasy and Density Structure of the Indian Continental Lithosphere. <i>Episodes</i> , 2020, 43, 609-621.	1.2	7
12	CRUSTAL CONFIGURATION BENEATH THE PALGHAT GAP (SOUTH INDIA) AND MANTLE-CRUST CONNECTIONS. , 0, , 117-129.		4
13	A Short Walk through Gravity Studies at CSIR-NGRI, India. <i>Journal of the Geological Society of India</i> , 2021, 97, 1121-1134.	1.1	0
14	Thermal Modification of the Northwest Indian Shield: As Evidenced by Integrated Geopotential Modelling. <i>Lithosphere</i> , 2022, 2022, .	1.4	0