

# Nand Lal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11899970/publications.pdf>

Version: 2024-02-01

35  
papers

855  
citations

430874

18  
h-index

477307

29  
g-index

35  
all docs

35  
docs citations

35  
times ranked

832  
citing authors

#	ARTICLE	IF	CITATIONS
1	Timing, quantification and tectonic modelling of Pliocene–Quaternary movements in the NW Himalaya: evidence from fission track dating. <i>Earth and Planetary Science Letters</i> , 2000, 179, 437-451.	4.4	99
2	Detrital-zircon fission-track ages from the Lower Cenozoic sediments, NW Himalayan foreland basin: Clues for exhumation and denudation of the Himalaya during the India-Asia collision. <i>Bulletin of the Geological Society of America</i> , 2009, 121, 519-535.	3.3	65
3	FISSION TRACK THERMOCHRONOLOGIC ANALYSIS OF THE RYOKE BELT AND THE MEDIAN TECTONIC LINE, SOUTHWEST JAPAN. <i>Journal of Geophysical Research</i> , 1988, 93, 13705-13715.	3.3	55
4	Fission-track dating of the western border of the Bohemian massif: thermochronology and tectonic implications. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1997, 86, 210.	1.3	43
5	Rapid long-term erosion in the rain shadow of the Shillong Plateau, Eastern Himalaya. <i>Tectonophysics</i> , 2013, 582, 76-83.	2.2	43
6	Potentiating Metronidazole Scaffold against Resistant Trichomonas: Design, Synthesis, Biology and 3D–QSAR Analysis. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 83-87.	2.8	37
7	Imidazole derivatives as possible microbicides with dual protection. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 817-824.	5.5	35
8	Geology, structural and exhumation history of the Higher Himalayan Crystallines in Kumaon Himalaya, India. <i>Journal of the Geological Society of India</i> , 2011, 77, 47-72.	1.1	35
9	Thermotectonic history of the Chiplakot Crystalline Belt in the Lesser Himalaya, Kumaon, India: Constraints from apatite fission-track thermochronology. <i>Journal of Asian Earth Sciences</i> , 2007, 29, 430-439.	2.3	32
10	Novel Trichomonacidal Spermicides. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4343-4351.	3.2	31
11	Plio-Pleistocene in-sequence thrust propagation along the Main Central Thrust zone (Kumaon–Garhwal Himalaya, India): New thermochronological data. <i>Tectonophysics</i> , 2012, 574-575, 193-203.	2.2	31
12	Thrusting and back-thrusting as post-emplacement kinematics of the Almora klippe: Insights from Low-temperature thermochronology. <i>Tectonophysics</i> , 2015, 653, 41-51.	2.2	31
13	Disulfiram and its novel derivative sensitize prostate cancer cells to the growth regulatory mechanisms of the cell by re-expressing the epigenetically repressed tumor suppressor estrogen receptor 1 <sup>2</sup> . <i>Molecular Carcinogenesis</i> , 2016, 55, 1843-1857.	2.7	31
14	Spatiotemporal variation in exhumation of the Crystallines in the NW-Himalaya, India: Constraints from fission track dating analysis. <i>Tectonophysics</i> , 2011, 504, 1-13.	2.2	28
15	Dithiocarbamate–thiourea hybrids useful as vaginal microbicides also show reverse transcriptase inhibition: Design, synthesis, docking and pharmacokinetic studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 881-886.	2.2	26
16	Paleo-uplift and cooling rates from various orogenic belts of India, as revealed by radiometric ages. <i>Tectonophysics</i> , 1980, 70, 135-158.	2.2	20
17	Azole–carbodithioate hybrids as vaginal anti-Candida contraceptive agents: Design, synthesis and docking studies. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 68-77.	5.5	20
18	A unique dithiocarbamate chemistry during design & synthesis of novel sperm-immobilizing agents. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3090-3099.	2.8	20

#	ARTICLE	IF	CITATIONS
19	Fission-track ages and uranium concentration in garnets from Rajasthan, India. Bulletin of the Geological Society of America, 1976, 87, 687.	3.3	19
20	Tectonic and cooling history of the Bihar Mica Belt, India, as revealed by fission-track analysis. Tectonophysics, 1976, 34, 163-180.	2.2	18
21	Synthesis of S-(2-Thioxo-1,3-dithiolan-4-yl)methyl Dialkylcarbamothioate and S-Thiiran-2-ylmethyl Dialkylcarbamothioate via Intermolecular O <sup>α</sup> -S Rearrangement in Water. Organic Letters, 2011, 13, 2330-2333.	4.6	17
22	Annealing studies of fission tracks in allanite. Contributions To Mineralogy and Petrology, 1975, 52, 143-145.	3.1	14
23	Exhumation and its mechanisms: A review of exhumation studies in the Himalaya. Journal of the Geological Society of India, 2013, 81, 481-502.	1.1	14
24	Role of disulfide linkage in action of bis(dialkylaminethiocarbonyl)disulfides as potent double-Edged microbicidal spermicide: Design, synthesis and biology. European Journal of Medicinal Chemistry, 2016, 115, 275-290.	5.5	14
25	Novel alkylphospholipid-DTC hybrids as promising agents against endocrine related cancers acting via modulation of Akt-pathway. European Journal of Medicinal Chemistry, 2014, 85, 638-647.	5.5	13
26	Cooling age record of domal uplift in the core of the Higher Himalayan Crystallines (HHC), southwest Zaskar, India. Journal of Earth System Science, 1997, 106, 169-179.	1.3	13
27	Fission track annealing characteristics of garnet. Lithos, 1977, 10, 129-132.	1.4	12
28	Tectonic control over exhumation in the Arunachal Himalaya: new constraints from Apatite Fission Track Analysis. Geological Society Special Publication, 2019, 481, 65-79.	1.3	10
29	Innovative Disulfide Esters of Dithiocarbamic Acid as Women's Controlled Contraceptive Microbicides: A Bioisosterism Approach. ChemMedChem, 2015, 10, 1739-1753.	3.2	8
30	Study of annealing versus etching behaviour of fission damage in biotite. Radiation Effects, 1976, 29, 161-163.	0.4	6
31	Synthesis of Dithiocarbamates Containing Disulfide Linkage Using Cyclic Trithiocarbonate and Amines under Solvent-Free Catalyst Free Condition. Journal of Heterocyclic Chemistry, 2015, 52, 156-162.	2.6	5
32	Apatite and zircon fission-track thermochronology constraining the interplay between tectonics, topography and exhumation, Arunachal Himalaya. Journal of Earth System Science, 2021, 130, 1.	1.3	5
33	Fission track annealing and age determination of hornblende. Pramana - Journal of Physics, 1974, 3, 204-208.	1.8	3
34	APPLICATIONS OF SOLID STATE NUCLEAR TRACK DETECTORS FOR THE STUDY OF COOLING AND UPLIFT RATES OF INDIAN SUBCONTINENT. , 1980, , 979-987.		2
35	Paleo-uplift and cooling rates from various orogenic belts of India, as revealed by radiometric ages. Tectonophysics, 1984, 107, 157-163.	2.2	0