

Nand Lal

List of Publications by Year in descending order

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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	Apatite and zircon fission-track thermochronology constraining the interplay between tectonics, topography and exhumation, Arunachal Himalaya. <i>Journal of Earth System Science</i> , 2021, 130, 1.	1.3	5
2	Tectonic control over exhumation in the Arunachal Himalaya: new constraints from Apatite Fission Track Analysis. <i>Geological Society Special Publication</i> , 2019, 481, 65-79.	1.3	10
3	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 β . <i>Molecular Carcinogenesis</i> , 2016, 55, 1843-1857.	2.7	31
4	Role of disulfide linkage in action of bis(dialkylaminethiocarbonyl)disulfides as potent double-Edged microbicidal spermicide: Design, synthesis and biology. <i>European Journal of Medicinal Chemistry</i> , 2016, 115, 275-290.	5.5	14
5	Innovative Disulfide Esters of Dithiocarbamic Acid as Women-Controlled Contraceptive Microbicides: A Bioisosterism Approach. <i>ChemMedChem</i> , 2015, 10, 1739-1753.	3.2	8
6	Synthesis of Dithiocarbamates Containing Disulfide Linkage Using Cyclic Trithiocarbonate and Amines under Solvent-Catalyst Free Condition. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 156-162.	2.6	5
7	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
8	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
9	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
10	Novel alkylphospholipid-DTC hybrids as promising agents against endocrine related cancers acting via modulation of Akt-pathway. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 638-647.	5.5	13
11	Exhumation and its mechanisms: A review of exhumation studies in the Himalaya. <i>Journal of the Geological Society of India</i> , 2013, 81, 481-502.	1.1	14
12	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
13	Rapid long-term erosion in the rain shadow of the Shillong Plateau, Eastern Himalaya. <i>Tectonophysics</i> , 2013, 582, 76-83.	2.2	43
14	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
15	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
16	Synthesis of S-(2-Thioxo-1,3-dithiolan-4-yl)methyl Dialkylcarbamothioate and S-Thiiran-2-ylmethyl Dialkylcarbamothioate via Intermolecular O-S Rearrangement in Water. <i>Organic Letters</i> , 2011, 13, 2330-2333.	4.6	17
17	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
18	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

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19	Novel Trichomonacidal Spermicides. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4343-4351.	3.2	31
20	Imidazole derivatives as possible microbicides with dual protection. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 817-824.	5.5	35
21	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
22	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
23	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
24	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
25	Cooling age record of domal uplift in the core of the Higher Himalayan Crystallines (HHC), southwest Zaskar, India. <i>Journal of Earth System Science</i> , 1997, 106, 169-179.	1.3	13
26	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
27	Paleo-uplift and cooling rates from various orogenic belts of India, as revealed by radiometric ages—reply (1). <i>Tectonophysics</i> , 1984, 107, 157-163.	2.2	0
28	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
29	APPLICATIONS OF SOLID STATE NUCLEAR TRACK DETECTORS FOR THE STUDY OF COOLING AND UPLIFT RATES OF INDIAN SUBCONTINENT. , 1980, , 979-987.		2
30	Fission track annealing characteristics of garnet. <i>Lithos</i> , 1977, 10, 129-132.	1.4	12
31	Tectonic and cooling history of the Bihar Mica Belt, India, as revealed by fission-track analysis. <i>Tectonophysics</i> , 1976, 34, 163-180.	2.2	18
32	Fission-track ages and uranium concentration in garnets from Rajasthan, India. <i>Bulletin of the Geological Society of America</i> , 1976, 87, 687.	3.3	19
33	Study of annealing versus etching behaviour of fission damage in biotite. <i>Radiation Effects</i> , 1976, 29, 161-163.	0.4	6
34	Annealing studies of fission tracks in allanite. <i>Contributions To Mineralogy and Petrology</i> , 1975, 52, 143-145.	3.1	14
35	Fission track annealing and age determination of hornblende. <i>Pramana - Journal of Physics</i> , 1974, 3, 204-208.	1.8	3