


Curriculum vitae

Dr. A. Krishnakanta Singh		
	Scientist - F	Office Address:
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Research gate: https://www.researchgate.net/profile/A_Krishnakanta_Singh

Google scholar: <https://scholar.google.com/citations?user=qFKf5yQAAAAJ&hl=en>

FIELD OF SPECIALIZATION AND RESEARCH INTEREST:

Igneous Petrology, Geochemistry, Geochronology, Mineralization

My current research interests include: Understand the geodynamic evolution of both crust and lithospheric mantle during continental collision and subduction process using proxies like whole rock geochemistry, mineral chemistry, isotopic signatures and U-Pb geochronology etc. Study the characteristics of platinum group elements (PGE) in chromite and mantle peridotites to establish the role of partial melting/fractionation processes, geotectonic setting, and the chemical-physical conditions prevailing in the mantle during ophiolite formation. I also enjoy tweaking inductively couple plasma mass spectrometer (ICP-MS).

PROFESSIONAL CAREER PROFILE:

Scientist - F, Wadia Institute of Himalayan Geology, Dehradun, India (Jan 2022 -- continue)

Scientist - E, Wadia Institute of Himalayan Geology, Dehradun, India (2017-2022)

Scientist - D, Wadia Institute of Himalayan Geology, Dehradun, India (2013-2017)

Scientist - C, Wadia Institute of Himalayan Geology, Dehradun, India (2007-2013)

Scientist - B, Wadia Institute of Himalayan Geology, Dehradun, India (2002-2007)

SCHOLARSHIPS/AWARDS/HONOURS:

- Awarded “BOYSCAST Fellowship” 2010-11 for post-doctoral research work (one year) in the Open University, Milton Keynes, United Kingdom (UK) by the Department of Science & Technology, Govt. of India, New Delhi.
- Awarded Senior Research Fellowship (CSIR-SRF) by the Council of Scientific & Industrial Research, Govt. of India in 2001-02.
- Awarded University Research Scholarship (URS) by the Kurukshetra University, Kurukshetra in 1998-99 for Doctoral research work.
- Nominated and sponsored by the Department of Science & Technology, Govt. of India, New Delhi to participate in the exposure visit of Indian Scientists to China during 16 to 24 August, 2014.
- Selected for presentation of research highlights in the Young Scientist Contest held at VIT University, Vellore DST, Govt. of India, New Delhi, 2008
- Received FT Young Scientist Project (without JRF) funded by the Department of Science & Technology, Govt. of India (2003).
- Received FT Young Scientist Project (with JRF) funded by the Department of Science & Technology, Govt. of India (2010).

ACADEMIC VISITS TO ABROAD:

- **USA** - San Francisco: To present research achievement during the 25th HKT workshop, June 2010 held at the San Francisco University
- **UK** - The Open University, Milton Keynes for post-doctoral research work (from Sept 2011 to August'2012) under “BOYSCAST Fellowship” awarded by the Department of Science & Technology, Govt. of India.
- **China** - Beijing, Shanghai Hong Kong: Under the DST, Govt. of India sponsored Exposure visit of Indian Scientists to China (16th - 23th August, 2014)
- **Taiwan** - Taipei: Academic visit to National Taiwan University (NTU) and Academia Sinica, Taipei (during Oct. to Nov, 2015)
- **USA** – Hawaii: To present research outcome during 15th Annual Meeting of AOGS, 03-08, June held at Honolulu, Hawaii
- **Oman** – Muscat: To present research achievement during International Conference on Ophiolite and Oceanic Lithosphere held at the Sultan Qaboos University Muscat, Oman, January 12-14, 2020
- **Myanmar** – Short field visit neighboring to India – 2010, 2012, 2015, 2017, 2000

SUPERVISION/GUIDANCE TO PH.D. STUDENTS/PDF/RA:

- Eight (8) Ph.D. supervised; Five (5) Ph.D. students supervising.
- Two (2) PDF/RA mentored.
- Twenty (20) M.Sc. dissertation mentored.

TEACHING/THESIS EXAMINER

- Serving as Professor (Honorary) of the Academy of Scientific and Innovative Research (AcSIR) for teaching Ph.D. students.
- Ph.D. Thesis Examiner/Evaluator of many Universities (from time to time)

LABORATORY RESPONSIBILITIES

- Overall In-charge Labs of Wadia Institute of Himalayan Geology (WIHG), Dehradun since Dec 2022
- Scientist In-Charge of ICP-MS and XRF labs since 2015.
- Actively involved in instrument handling of ICP-MS, generating data for many users of WIHG and outside users from various Institutes/Universities.
- Scientist In-Charge of SEM and XRD labs. WIHG during 2015-2017.
- First initiated (with another Colleague) to establish Geochronology Lab. at WIHG in 2012.
- Being one of Indentors of LA-MC-ICP-MS instrument that procured in 2014, took responsibility as a Core group member for establishment of Geochronology Lab. at WIHG.
- Actively involved as Indentor for newly procured TQ-ICP-MS for WIHG (2023)

RESEARCH PROJECT: Completed

Project Title	PI or Co-PI	Duration/Status	Name of Sponsoring Funding Agency
Petromineralogical and geochemical characterization of the Ophiolitic Suite in Manipur, North Eastern India	Principal Investigator	36 months Completed (02-11-2008)	Dept. of Science & Technology (DST), Govt. of India, New Delhi
Investigating along-strike changes in collision and exhumation tectonics across the eastern Himalaya	Co-Principal Investigator	6 months Completed 2012	<u>NERC Isotope Geosciences Laboratories (NIGL), United Kingdom</u>
Mineralization and Petrogenesis of Mantle sequence and Cumulates of the Manipur Ophiolite Complex, Indo-Myanmar Orogenic Belt, NE India	Principal Investigator	36 months Completed (31-10-2015)	Dept. of Science & Technology (DST), Govt. of India, New Delhi
Geochemistry and Geochronology of the Tethyan ophiolites of the Indo-Myanmar Orogenic Belt, Northeast India: Geodynamic and petrogenetic implications and mineralization	Principal Investigator	36 months Completed (10-05-2023)	Ministry of Earth Sciences (MoES), Govt. of India, New Delhi
Evaluating condition of deformation during subduction and exhumation of the north Indian continental margin: A study based on structure and crystallographic features of the Tso Moriri Dome of trans-Himalaya, Ladakh, India	Co-Principal Investigator	36 months Completed (31-03-2023)	Ministry of Earth Sciences (MoES), Govt. of India, New Delhi

Administrative/Academic Responsibilities

- In-charge of Activity - 1A of WIHG research program (CAP-Himalaya).
- Vigilance Officer, WIHG
- Chairman of Technical Committee for AMC/CAMC for overall assessment of Instruments.
- Chairman of Library Committee, WIHG
- Chairman, Core Committee for regular assessment of JRF/SRF/RA of WIHG
- Chairman of Tender Opening Committee, WIHG
- Member of Collegium assessment of APAR for Scientist B, C, D and E levels.
- Member, Grievance Redressal Committee, WIHG
- Chairman & Member in many selection committees for JRF, SRF, RA etc.
- Member in Selection committees for non-scientific staffs, WIHG
- Chairman and Member in Screening committee for Scientific posts, WIHG

Editorial Responsibilities

Associate Editor - Geological Journal (Wiley)

Associate Editor – Indian Journal of Geoscience (published by Geol. Surv. India)

Lead Guest Editor - Two special issues of Geological Journal (Geodynamic evolution of Eastern Himalaya and Indo-Myanmar orogenic belts: Advances through interdisciplinary studies (2022)

Reviewer: Reviewed many research papers submitted by other geoscientists from across the globe to Journals like Scientific Reports, Journal of Petrology, Tectonophysics, Geoscience Frontier, Lithos, Geological Magazine, International Geology Review, Jour. Asian Earth Sciences, Geological Journals etc. from time to time..

MEMBERSHIP OF PROFESSIONAL SOCIETIES:

- ❖ Life Fellow, Geological Society of India, Bangalore, India
- ❖ Life Member, Indian Science Congress Association, Kolkata, India
- ❖ Life Member, Indian Society of Applied Geochemists, Hyderabad, India
- ❖ Life Member of the Indian Geological Congress, Roorkee, India
- ❖ Life Member of the Himalayan Geology, Dehradun, India
- ❖ Life Member, Administrative Staff College of India, Hyderabad

Research paper Publication in Peer-Reviewed Journals

Research papers were published in reputed journals (e.g. Lithos, Gondwana Research, Geoscience Frontier, Contributions to Mineralogy and Petrology, Geological Magazine, Journal of Geological Society London, Minerals, Journal of Asian Earth Sciences, Geochemistry, Geological Journals etc.). My works are well-cited in various reputed journals like Nature Geoscience, Earth Science Reviews, American Journal of Science, GSA Bulletin, Earth and Planetary Science Letters, Contributions to Mineralogy and Petrology, Gondwana Research, Chemical Geology, Lithos, Precambrian Research, etc.).

LIST OF SELECTED PUBLICATIONS

Sl. No.	Title of the Paper	Authors* indicates First / Corresponding Author	Name of the Journal with ISSN No.	Web address / DOI	Volume and Page No
85	Tectonic evolution of the neoproterozoic tusham ring complex, Northwestern India: Constraints from geochemistry and zircon U–Pb geochronology, and implications for Rodinia supercontinent history	Singh, A.K.* , Kumar, N., Chung, S.L., Lee, H.Y., Santosh, M., Sharma, R., Kumar, N., Bikramaditya, R.K., Oinam, G., Lakhan, N.	Lithos 0024-4937	Doi.org/10.1016/j.lithos.2023.107022	440–441 107022 (2023)
84	Petrogenesis and tectonic implications of the Late Cretaceous to Paleogene calc-alkaline volcanic rocks, Ladakh Himalaya	Singh, N.L., Akhtar, S., Singh, A.K.* , Singh, B.P., Saikia, A., Jeelani, S.M.	Journal of Asian Earth Sciences 1367-9120	https://doi.org/10.1016/j.jseas.2023.105700	(online published) (2023)

83	Magmatic records of Gondwana assembly and break-up in the Eastern Himalayan syntaxis, Northeast India.	Oinam, G., Singh, A. K. ,* Dutt, A., Khogenkumar, S., Joshi, M., Singhal, S., Bikramaditya, R. K.	Gondwana Research 1342-937X	https://doi.org/10.1016/j.gr.2022.09.009	1-20, 126–146 (2023)
82	First Report of high Concentration of Cobalt in Ajabgarh rocks of Delhi Super group, NW Haryana	Kumar, N., Rana, S., Singh, A.K.	Current Sciences 0011-3891	-----	Vol.125 pp.1-9 (2023)
81	Origin & Tectonic Implications of I-type Granites, North Delhi Fold Belt, NW, India: insights from whole rock geochemistry and mineral compositions	Kumar, N., Kanyan, N.K., Rana, S., Kumar, N., Singh, A. K.	Journal of the Geological Society of India 0016-7622	In Press	Vol.-- pp.--- (2023)
80	Temporal and Spatial Relationship between the Indian Plate Tectonics and Magmatism in the Eastern Himalaya	Singh, A. K. ,*	Journal of Geological Congress	-----	Vol.14(1&2), 1-21 (2023)
79	Genesis of peridotite-hosted podiform chromite ore and associated PGE, southern Manipur Ophiolite Complex, northeast India	Premi, K., Sen, A.K., Singh, A.K. , Singh , W.I., Chaubey, M.	Periodico di Mineralogia 0369-8963	Doi: 10.13133/2239-1002/17854	(online published) (2023)
78	Geochemistry and U-Pb zircon geochronology of the Jutogh Thrust sheet, Himachal Pradesh, NW-Himalaya: Implications to the petrogenesis and regional tectonic setting	Singh, P. Sathy, P.C., Singh, A.K. , Singhal, S., Maurya, A.K., Giri, S.R.,	Geological Journal 1099-1034	Doi: 10.1002/gj.4583	v.58(1), 131-149 (2023)
77	Neoproterozoic Felsic Volcano-plutonic Rocks, Tusham Ring Complex, Malani Igneous Suite, NW Indian Shield: Petrogenetic Modeling, Magmatic Source and Geodynamic Evolution	Kumar, N., Kumar, N., Singh, A.K.	Geochemistry International 0016-7029	DOI: 10.1134/S0016702923040080	(online published) (2022)
76	INTRODUCTION, PART-1 - Geodynamic evolution of Eastern Himalayan and Indo-Myanmar orogenic belts: Advances through interdisciplinary studies	Singh, A.K. *, Chung, S.L., Somerville, I.D.	Geological Journal 1099-1034	DOI: https://doi.org/10.1002/gj.4396	v.57(2), 476–481 (2022)
75	Petrogenesis of mantle peridotites in Neo-Tethyan ophiolites from the Eastern Himalaya and Indo-Myanmar Orogenic Belt in the geo-tectonic framework of Southeast Asia	Singh, A. K. *, Chung, S.-L., & Somerville, I. D.	Geological Journal 1099-1034	Doi: 10.1002/gj.4629	v.57(2), 4886-4919 (2022)
74	Stable isotope geochemistry and microfossil assemblages of carbonate rocks in the ophiolite mélange zone of the Indo-Myanmar orogenic Belt, NE India: Implications on age and depositional environment	Singh, A. K. *, Guruaribam, V., Singh, Y. R., Singh, N. I., Singh, L. R., Chaubey, M., Tewari, V. C., Singh, W. I., Lakhan, N., Devi, L. D., & Chanu, R. S.	Geological Journal 1099-1034	DOI: 10.1002/gj.4550	v.57(2), 5308-5325 (2022)

73	Geochemistry of Late Palaeoproterozoic (1.69 Ga) A-type Mayong granitoids in Shillong Plateau, north-east India: Implication for anorogenic magmatism during Columbia Supercontinent cycle	Doley, D., Bhagabaty, B., Sarma, G., Singh, A.K. , Zou, X.	Geological Journal 1099-1034	DOI: 10.1002/gj.4303	v.57(2), 662-680 (2022)
72	New constraints on the tectono-magmatic evolution of the Tidding-Mayodia Ophiolites, Eastern Himalaya, northeast India	Singh, A.K. ,* Dutt, A., Nayak, b., Bikramaditya, R.K. Oinam, G., Thakur, S.S., Srivastava, R.K., Khogenkumar, S., Kumar, M.	Geological Journal 1099-1034	DOI: 10.1002/gj.4332	v.57(2), 514-536 (2022)
71	Evidence of intraplate magmatism and subduction magmatism during the formation of Nagaland-Manipur ophiolites, Indo-Myanmar Orogenic Belt, northeast India	Imtisunep, S., Singh, A.K. ,* Bikramaditya, R.K., Khogenkumar, S., Chaubey, M., Kumar, N.	Geological Journal 1099-1034	DOI: 10.1002/gj.4332	v.57(2), 782-800. (2022)
70	INTRODUCTION, PART-1 - Geodynamic evolution of Eastern Himalayan and Indo-Myanmar orogenic belts: Advances through interdisciplinary studies	Singh, A.K. *, Chung, S.L., Somerville, I.D.	Geological Journal 1099-1034	DOI: 10.1002/gj.4396	v.57(2), 476-481 (2022)
69	Geochemical characteristics and petrogenesis of magmatic rocks of the Shyok suture zone, NW Himalaya, India	Lakhan, N. Singh, A.K. , Singh , B.P., Salim, A.	Arabian Journal of Geosciences 1866-7511	https://doi.org/10.1007/s12517-021-09361-9	v. 15:223, (2022)
68	Significance of aegirine-bearing metabasic rocks in the metamorphic evolution of the Nagaland Accretionary Prism, northeast India	Ghose, N.C., Singh, A.K. , Dutt, A., Imtisunep, S.	Geological Journal 1099-1034	DOI: 10.1002/gj.4317	v.57(2), 5207-5221 (2022)
67	Zircon U-Pb ages and Hf isotopes of I-type granite from western Arunachal Himalaya, NE India: Implications for the continental arc magmatism in the Paleoproterozoic supercontinent Columbia	Bikramaditya, R.K., Chung, S.L, Singh, A. K. , Lee, H.Y., Lemba, L.	Geological Journal 1099-1034	DOI: 10.1002/gj.4342	v.57(2), 5000-5018 (2022)
66	Refertilization of depleted mantle peridotite in the Nagaland-Manipur ophiolite, northeast India: Constraints from PGE, mineral and whole-rock geochemistry	Chaubey,M., Singh A.K. *, Singh, B.P., Imtisunep, S., Dutt,A., Satyanarayanan, M., Premi, Ksh. Abhirami, S.G.	Geological Journal 1099-1034	DOI: 10.1002/gj.4411	v.57(2), 5265-5283 (2022)
65	Petrogenesis and tectonic environments for formation of peridotites and associated podiform chromite ore, southern part of Manipur Ophiolite Belt, Indo-Myanmar Orogenic Belt, NE India	Premi, Ksh., Sen, A.K., Singh. A.K. Lakhan, N.	Journal of Mineralogy and Geochemistry 0077-7757	DOI: 10.1127/njma/2021/0255	v.197/3, 209-232 (2022)

64	Geological Field Observations Along the Pandoh Syncline: The Mandi-Kataula-Bajura Section of Himachal Pradesh, NW-India	Singh, P., Sethy, P.C., Rastogi, H., Singh, M.R., Singh, A.K. , Thakur, S.S., Singhal, S	In: Structural Geology and Tectonics Field Guidebook—Volume 2, S. Mukherjee (ed.), pp 179–201	Springer Geology, 2022 https://doi.org/10.1007/978-3-031-19576-1_4	ISBN 978-3-030-60142-3 ISBN 978-3-030-60143-0 (eBook)
63	Subduction versus non-subduction origin of Nagaland-Manipur ophiolites along Indo-Myanmar orogenic belt, northeast India: fact and fallacy	Khogenkumar, S., Singh, A.K. ,* Kumar, S., Lakhan, N., Chaubey, M. Imtisunep, S., Dutt, A., Oinam, G.	Geological Journal 1099-1034	DOI: 10.1002/gj.4030.	56 (4), 1773-1794 (2021)
62	Testing Trace-Element Distribution and the Zr-Based Thermometry of Accessory Rutile from Chromitite	Zaccarini, F., Garuti, G., Luvizotto, G.L., de Melo Portella, Y., Singh, A.K.	Minerals 2075-163X	https://doi.org/10.3390/min11070661	11(7), 661 (2021)
61	Petrogenesis and tectonic implications of Anorogenic acid plutonic rocks of southwestern Haryana of Northwestern Peninsular India: An understanding approach to reconstruct the Malani Igneous Suite	Sharma, R., Kumar, N., Kumar, N., Singh, A.K.	Geochemistry International 0016-7029	https://link.springer.com/article/10.1134/S0016702920120034	59, No. 1, pp. 66–91 (2021)
60	Evidence of melt– and fluid–rock interactions in the refractory forearc peridotites and associated mafic intrusives from the Tuting–Tidding ophiolites, eastern Himalaya, India: Petrogenetic and tectonic implications	Dutt, A., Singh, A.K. ,* Srivastava, R.K., Oinam, G	Geological Journal 1099-1034	DOI: 10.1002/gj.4043.	56, 2082–2110 (2021)
59	Geochemical and metamorphic record of the amphibolites from the Tuting-Tidding Suture Zone ophiolites, Eastern Himalaya, India: Implications for the presence of a dismembered metamorphic sole	Dutt, A., Singh, A.K. ,* Srivastava, R.K., Oinam, G., Bikramaditya, R.K.	Geological Magazine 1469-5081	https://doi.org/10.1017/S0016756820000825	158(5), 787–810 (2021)
58	Depositional environment and tectonic backdrop of meta-carbonates in the Eastern Himalayan ophiolites, India: insights from calcite microstructures, whole-rock elements and stable isotopes	Dutt, A., Singh, A.K. ,* Oinam, G., Srivastava, R.K.	Carbonates and Evaporites 0891-2556	https://doi.org/10.1007/s13146-021-00704-x	v.36:34 (2021)
57	Insights into the petrogenesis of depleted mantle dunite from the central part of the Nagaland–Manipur Ophiolites, North East India	Singh, A.K. ,* Khogenkumar, S., Kumar, S., Singh, L.R., Thakur, S.S.	Current Sciences 0011-3891	doi: 10.18520/cs/v120/i8/1381-1388.	v.120,8, 1381-1388 (2021)

56	Geochemical characteristics of fluorine- and chlorine-bearing biotite from Tusham Ring Complex, NW India: Constraints on halogen distribution and geodynamic evolution	Kumar, N., Kumar, N., Sharma, R., Singh, A.K.	Jour. of Earth System Science 0253-4126	https://doi.org/10.1007/s12040-020-01517-7	130, 1-8 (2021)
55	Microseismicity study in the Siang Valley of Arunachal Himalaya: Tectonic Implications of the 2019 Mw 5.9 Mechuka earthquake	Yadav, D.K., Hazarika, D., Kumar, N., Singh, A.K.	Himalayan Geology 0971-8966	https://www.himgelibrary.com/	v.42 (2), 290-298. (2021)
54	Age and depositional environment of carbonate exotics associated with the Disang group of Assam–Arakan Basin, Northeast India: constraints from microfossils and geochemistry	Guruaribam, V., Singh, Y.R., Singh, A.K.	Carbonates and Evaporites 0891-2556	https://doi.org/10.1007/s13146-021-00715-8	v.36(2), 1-18 (2021)
53	Geology, Structural, Metamorphic and Mineralization Studies Along the Mandi-Kullu-Manali-Rohtang Section of Himachal Pradesh, NW-India	Singh, P., Ao, A., Thakur, S.S., Rana, S., Sharma, R., A. K. Singh , Singhal, S.	In: Structural Geology and Tectonics Field Guidebook—Volume 1, S. Mukherjee (ed.). pp 437–460	Springer Nature Switzerland AG 2021 Springer Geology, https://doi.org/10.1007/978-3-030-60143-0_15	ISBN 978-3-030-60142-3 ISBN 978-3-030-60143-0 (eBook)
52	Magmatism in the Siang Window of Eastern Himalayan Syntaxis, Northeast India: Vestige of the Kerguelen mantle plume activity	Singh, A. K. ,* Oinam, G., Chung, S.L., Bikramaditya, R.K., Lee, H.Y., Joshi, M.	Geological Society, London, Special Publications 0305-8719	DOI: https://doi.org/10.1144/SP518-2021-13	v.518, 301-323 (2022)
51	Neoproterozoic arc-back arc subduction system in the Indian Peninsula: Evidence from mafic magmatism in the Shimoga greenstone belt, western Dharwar Craton	Singh, M.R., Singh, A.K. , Santosh, M., Lingadevaru, M., Lakhan, N.	Geological Journal 1099-1034	DOI: 10.1002/gj.3733	v.020;55:5308–5329 (2019)
50	Continental extension of northern Gondwana margin in the Eastern Himalaya: Constraints from geochemistry and U-Pb zircon ages of mafic intrusives in the Siang window, Arunachal Himalaya, India	Oinam, G., Singh, A.K. ,* Joshi, M., Dutt, A., Singh, M.R., Lakhan, N., Bikramaditya R.K.	Comptes Rendus–Geoscience 1631-0713	https://doi.org/10.5802/crgeos.6	v.352,1, 19-41, (2020)
49	Petrogenesis and Tectonic Significance of the Neoproterozoic Magmatism of the Tusham Ring Complex (NW Indian Shield): Insight into Tectonic Evolution of the Malani Igneous Suite and Rodinia Supercontinent	Kumar, N., Kumar, N., Sharma, R., Singh, A.K.	Geotectonics 0016-8521	https://doi.org/10.1134/S001685212003005X	v.54,3, 428–453. (2020)
48	Evolution of Late Cretaceous to Palaeogene basalt–andesite–dacite–rhyolite volcanic suites along the northern margin of the Ladakh magmatic arc, NW Himalaya, India	Lakhan, N., Singh, A.K. , Singh, B.P., Oinam, G., Premi, Ksh.	Jour. of Earth System Science 0253-4126	https://doi.org/10.1007/s12040-020-1372-6	v.129 (1), 1-23 (2020)

47	Petrology and Geochemistry of Acid Volcano-Plutonic Rocks from Riwsa and Nigana Areas of Neoproterozoic Malani Igneous Suite, Northwestern Peninsular India: An Understanding Approach to Magmatic Evolution	Naveen Kumara, Naresh Kumara, and Singh, A. K.	Geochemistry International 0016-7029	https://doi.org/10.1134/S001670291906003X	v.59, 1, 66–91. (2019)
46	Zircon U-Pb geochronology, Hf isotopic compositions and Petrogenetic study of Abor volcanic rocks of Eastern Himalayan Syntaxis, Northeast India: implications for eruption during breakup of Eastern Gondwana	Singh, A. K. , Chung, S.L., Bikramaditya, R.K., Lee, H.Y. and Khogenkumar, S.	Geological Journal 1099-1034	https://doi.org/10.1002/gj.3477	v.55(2), 1227-1244 (2018)
45	Zircon U-Pb geochronology, mineral and whole-rock geochemistry of the Khardung volcanics, Ladakh Himalaya, India: Implications for late cretaceous to Palaeogene continental arc magmatism	Lakhan N, Singh, A. K. ,* BP, Sen, K., Singh, M.R., Khogenkumar, S., Singhal, S., Oinam, G.	Geological Journal 1099-1034	https://doi.org/10.1002/gj.3594	v.55(5), 3297-3320 (2019)
44	Age and isotope geochemistry of magmatic rocks of the Lohit Plutonic Complex, eastern Himalaya: implications for the evolution of Transhimalayan arc magmatism	Bikramaditya, R.K., Chung, S.L., Singh, A. K. ,* Lee, H.Y., Lin, T.H., Iizuka, T.,	Journal of the Geological Society, London 0016-7649	doi.org/10.1144/jgs.2018-214	v.55 (2), 1227-1244 (2019)
43	Crustal Thickness and Poisson's Ratio variations in the northeast India-Asia collision zone: Insight into the Tuting-Tidding Suture zone, Eastern Himalaya	Kundu, A., Hazarika, D., Hajra, S., Singh, A.K. , Ghosh, P.	Jour. Asian Earth Sciences 1367-9120	https://doi.org/10.1016/j.jseaes.2019.104099	v.188, 104099 (2020)
42	Garnetiferous metamorphic rocks in Jaspas granite, Himachal Pradesh, India: implication of Tethyan Himalayan metamorphism and tectonics	Thakur, S.S., Singh, A.K. , Rao, D.R., Sharma, R., Pandey, S., Ao, A.	Current Science 0011-3891	doi: 10.18520/cs/v115/i8/1576-1583	v. 115(8), 1576-1583 (2018)
41	Yttrium-zoning in garnet and stability of allanite in metapelites from the Main Central Thrust Zone and adjacent higher Himalayan crystallines along the Alaknanda Valley, NW Himalaya	Thakur, S.S., Madhavan, K., Patel, S.C., Rao, D.R., Singh, A.K. , Pandey, S., and Nandini, P	Lithos 0024-4937	https://doi.org/10.1016/j.lithos.2018.09.002	v. 320–321, 1–19 (2018)
40	Zircon U-Pb ages and Lu-Hf isotopes of metagranitoids from the Subansiri region, Eastern Himalaya: implications for crustal evolution along the northern Indian passive margin in the early Paleozoic	Bikramaditya, R.K. Singh, A. K. ,* Chung, S.L., Sharma Rajesh and Lee, H.Y.	Journal of Geological Society London (Sp.Pub) 0305-8719	https://doi.org/10.1144/SP481.7	v.481, 299-318, (2018)
39	Palynology and Mineral Composition of the Upper Disangflyschoid sediments from the Southern Manipur, Northeast India: Age, Paleoenvironment and Provenance Reconstruction	Singh, Y. R., Singh, B.P. Singh, A.K. , Devi, S.R.	Himalayan Geology 0971-8966	https://www.himgelogeology.com/volume_details.php?volume=60	v.38(1), 1-11 (2017)

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