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LIST OF RESEARCH PUBLICATIONS FOR THE LAST 5 YEARS AND THEIR LINK REDIRECTING TO JOURNAL SOURCE CITE WEBSITE.

Sl	Year	Title of the Paper	Author (s)	Departm ent	Name of Journal	URL of the Paper/Doi No
1	2018	A study on the physiological, biochemical and lipid content behaviour of microalga <i>Chlorella</i> sp. in response to iron (iii).	Negi Y, Nongmaithem J, Laloo FJ, Adhikari S	Biotechn ology	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	http://www.envirobiotechjournals.com/article_abstract.php?aid=9000&id=260&jid=1
2	2018	Pyridine aided progression from amorphous to crystalline bis-([5-(aryl)-1-diazenyl]quinolin-8-olato) zinc (II) compounds – Solution and solid-state structural characterization, nanoparticle formation and antibacterial activity,	Tushar S. Basu Baul, Khrawborlang Nongsiej , Koel Biswas, Santa Ram Joshi, Herbert Höpfl	Chemistr y	Inorganica Chimica Acta	https://doi.org/10.1016/j.ica.2018.06.049
3	2018	Cobalt (II) complexes with pyridine and 5-[(E)-2-(aryl)-1-diazenyl]-quinolin-8-olates: synthesis, electrochemistry and X-ray structural characterization	Tushar S. Basu Baul, Khrawborlang Nongsiej , Bruno G. M. Rocha, M. Fátima C. Guedes da Silva	Chemistr y	Journal of Coordination Chemistry	https://doi.org/10.1080/00958972.2018.1506876
4	2018	On the uniqueness of the factorization of power digraphs modulo n	Amplify Sawkmie	Mathema tics	Rend. Sem. Mat. Univ. Padova	https://doi.org/10.4171/rsmp/8

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5	2018	Case Studies on the Problems of Single Mothers and their Children in Shillong City of Meghalaya	Syngkon, W.	Social Work	International Journal of Scientific Research and Reviews	file:///C:/Users/User/Downloads/pdf_1120%20(2).pdf
6	2018	The estrogen related receptors in metabolism and cancer; newer insights	Ranhotra H S	Biochemistry	Journal of Receptors Signal Transduction	https://doi.org/10.1080/10799893.2018.1456552
7	2018	Public Perceptions on Single Motherhood in Shillong, Meghalaya	Syngkon, W.	Social Work	International Journal of Basic and Applied Research Society of Education and Research	
8	2019	Effect of mercury on the growth and biochemical behavior of <i>Nostoc muscorum</i> and <i>Anabaena variabilis</i>	Negi Y, Sharma S, Thyrniang B, Laloo FJ, Adhikari S	Biotechnology	International Journal of Pharma and Bio Sciences	http://dx.doi.org/10.22376/ijpbs.2019.10.3.b11-21
9	2019	Tweaking the affinity of aryl-substituted diazosalicylato- and pyridine ligands towards Zn (II) and its neighbors in the periodic system of the elements, Cu (II) and Cd (II), and their antimicrobial activity	Tushar S. Basu Baul, Khraborlang Nongsiej, Augustin Lamin Ka- Ot, Santa Ram Joshi, Iran Rojan Leon, Herbert Hopfl	Chemistry	Journal of Organometallic Chemistry	http://dx.doi.org/10.1002/aoc.4905
10	2019	A study on the differentiation of filamentous cyanobacterial isolates using	Yogesh Negi, Sunil Sharma, Ninni	Biotechnology	Indian Journal of Biotechnology	https://nopr.niscpr.res.in/handle/123456789/54971

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		DNA fingerprinting approach	Sutradhar & Samrat Adhikari			
11	2019	Synthesis, crystal structures, magnetic properties and antimicrobial screening of octahedral nickel(II) complexes with substituted quinolin-8-olates and pyridine ligands	Tushar S. Basu Baul, Khraborlang Nongsiej, Augustin Lamin Ka-Ot, Santa Ram Joshi et al	Chemistry	Journal of Molecular Structure	https://doi.org/10.1002/ao.c.4905
12	2019	Antibacterial potential of Actinobacteria from a Limestone Mining Site in Meghalaya, India	Debulman Syiemiong & Dhruva Kumar Jha	Botany	Journal of Pure and Applied Microbiology	https://dx.doi.org/10.22207/JPAM.13.2.14
13	2019	Comparative Raman study of two laterally fluorinated LC compounds having different terminal chains	M. Lyndem, R Dabrowski and A Bhattacharjee	Physics	Liquid Crystal	https://doi.org/10.1080/02678292.2018.1558463
14	2019	Raman and FTIR Study of a 2, 3'-difluoro-4"-isothiocyanato-4-propyl-1,1':4',1"-terphenyl compound or C3P(3F)P(3F)P-NCS	M. Lyndem, R Dabrowski and A Bhattacharjee	Physics	Molecular Crystal and Liquid Crystal	https://doi.org/10.1080/15421406.2019.1651535
15	2019	DE etiolation Enhances Phototropism by Modulating NON-PHOTOTROPIC HYPOCOTYL3 Phosphorylation Status	Stuart Sullivan, Eros Kharshiing, Janet Laird et al	Botany	Plant Physiology	https://doi.org/10.1104/pp.19.00206
16	2019	Migrants & Their Social Network: A study of Kuki Migrants in Delhi	Thanggoulen Kipgen	Sociology	Sociological Bulettin	DOI:10.177/0038022919876415
17	2019	Endogenous Activity of	J.Wahlang &	Biochemi	Indian Journal of	https://openurl.ebsco.co

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		Glutamate Dehydrogenase from different tissues of mice at various post natal ages- effects of substrate and co-substrate on the activity of the enzymes from the liver of two ages.	D. Syiem	stry	Gerontology	m/EPDB%3Agcd%3A13%3A803421/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A135768887&crl=f
18	2019	A survey of edible fresh fish resources in lewduh (Bara Bazaar) in Shillong, Meghalaya	Sawian, J.T. and Nemhoihkim, E	Environmental Science	Spectrum: Science and Technology	https://app.anthonys.ac.in/documents/documents/journal/article/1/j_7DXzhO9.pdf
19	2019	Aspiration for Social Workers; a way to subtle art of facilitation	Rituparna Rajendra & Sutanuka Deb	Social Work - PG	Assam University Journal	http://www.aus.ac.in/social-work-department/wp-content/uploads/sites/15/2021/02/Social-Work-Journal-Vol-6-Issue-1-1.pdf
20	2019	Single Motherhood: A Structural Perspective	Wandaia Syngkong	Social Work - PG	Assam University Journal	http://www.aus.ac.in/social-work-department/wp-content/uploads/sites/15/2021/02/Social-Work-Journal-Vol-6-Issue-1-1.pdf
21	2020	Unique breeding activity and oviposition in Annandale's high-altitude tree frog, <i>Kurixalus naso</i> (Annandale, 1912) in Meghalaya, North East India	P. W. Shangliang, R. N. K. Hooroo and S. K. Dutta	Zoology	Current Science	doi: 10.18520/cs/v118/i3/467-472
22	2020	Human Microbial metabolite mimicry as a strategy to expand the chemical space of potential drugs	H.Li, H.S.Ranhotra, S.Mani, Z Dvorak, H Sokol &	Biochemistry	Drug Discovery today	https://doi.org/10.1016/j.drudis.2020.06.007

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			R.Muller			
23	2020	Targetting the pregnane X-receptor using microbial metabolite mimicry	Zdeněk Dvořák, H.S.Ranhotra et al	Biochemistry	EMBO Molecular Medicine	https://doi.org/10.15252/emmm.201911621
24	2020	Aspects of Change among Female Migrants: The case of Kukis in Delhi	Thanggoulen Kipgen, Biswambhar Panda	Sociology	Indian Journal of Gender Studies	https://doi.org/10.1177/0971521520910972
25	2020	A bioinformatics-based investigation to screen and analyze the bioactivity of <i>Piper longum</i> Linn. Compounds as a ground-breaking hostile to antidiabetic activity	Bikash Thakuria, Sorforaj Laskar & Samrat Adhikari	Biotechnology	Pharmacognosy Magazine	http://dx.doi.org/10.4103/pm.pm_400_19
26	2020	Precursor-induced bioaccumulation of secondary metabolites and antioxidant activity in suspension cultures of <i>Dendrobium fimbriatum</i> , an orchid of therapeutic importance	Prasenjit Paul , Suman Kumaria	Botany	South African Journal of Botany	https://doi.org/10.1016/j.sajb.2020.08.016
27	2020	India's Low Temperature Thermal Desalination Technology: Water Diplomacy with Small Island Developing States in the Indo-Pacific Region	Guduru, S., Bajaj, P., and Gonsalves, O.N	Incubation Centre	Maritime Affairs: Journal of the National Maritime Foundation of India	https://doi.org/10.1080/09733159.2020.1855816
28	2020	Decomposing the Gaps in Access to LPG across Socio-Religious Groups in Rural India	Sameer Guduru, Pushp Bajaj and Oliver	Incubation Centre	Journal of Social Inclusion Studies	https://doi.org/10.1177/2394481120944780

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			Nelson Gonsalves			
29	2020	Diverse Reproductive Modes of some Anurans in a Temporary Habitat in the Southern Slopes of Meghalaya, North East India	P. W. Shangpliang, R. K. L Tron, Duwaki Rangad	Zoology	Journal of Zoological Society of Orissa	https://www.academia.edu/59111916/DIVERSE_REPRODUCTIVE_MODES_OF_SOME_ANURANS_IN_A_TEMPORARY_HABITAT_IN_THE_SOUTHERN_SLOPES_OF_MEGHALAYA_NORTH_EAST_INDIA
30	2020	Design and Development of High Voltage Power Supply and its Application in RPC	Hemen Ch. Medhi, S C Rajbongshi	Electronics	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	http://www.ijareeie.com/upload/2020/august/18_1Design HARDCOPY NEW.PDF
31	2021	Review of India's quest for energy through oil and natural gas, Review of India's quest for energy through oil and natural gas	Gonsalves, O.N	Incubation Centre	Maritime Affairs: Journal of the National Maritime Foundation of India	https://doi.org/10.1080/09733159.2021.2006412
32	2021	In vitro Culture of <i>Myrica esculenta</i> Buch.- Ham. ex D. Don Embryo from the Hilly Terrain of Meghalaya, North East India	Baiakmenlang Manners,, Pratap Jyoti Handique and Samrat Adhikari	Biotechnology	Research Journal of Agricultural Sciences	http://rjas.org/ViewIssue?IssueId=73
33	2021	Diversity of cultivable actinobacteria in Nongkhyllam Wildlife	Debulman Syiemiong; Dhruva Kumar	Botany	Journal of Mycopathological research	https://www.imskolkata.org/pdf/jan21/jan01-page03.pdf

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		Sanctuary, Meghalaya, and their antimicrobial and plant growth promoting potentials	Jha			
34	2021	Gene-to-trait knowledge graphs show association of plant photoreceptors with physiological and developmental processes that can confer agronomic benefits	Hame Bantei Mawkhiew, Lingaraj Sahoo and Eros V Kharshiing	Botany	Genetic Resources and Crop Evolution	https://doi.org/10.1007/s10722-021-01214-4
35	2021	Mental Health problems among School going Adolescents in India: A literature Review	Ainamlin Dkhar, Grace Lalhlupuii Sailo	Social Work-PG	EPRA International Journal of Multidisciplinary Research (IJMR)	1004pm_9.EPRA JOURNALS-6667 (1).pdf
36	2021	Ecotourism and Rural Livelihood Opportunities in East Khasi Hills District, Meghalaya	Martius R Rynjah & Grace L Sailo	Social Work - PG	EPRA International Journal of Multidisciplinary Research	file:///C:/Users/User/Downloads/348am_12.EPRA %20JOURNALS%20-6958.pdf
37	2021	The first comprehensive description of the normal development of Annadale's high altitude Frog, Kurixalusnaso (Annandale, 1912)	P Wankitlang Shangpliang, Riocaldo Shadap, Rupa Nylla Hooroo, Susan Jones Nongkynrih, MattilangKhar khongor, Duwaki Rangad and Ronald Kupar Lyngdoh Tron	Zoology	Current Herpetology	https://doi.org/10.5358/hsj.40.137

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38	2022	Cross-sectional Study on Prevalence of Betel Nut Chewing among the Youth of Meghalaya, Northeast Region of India: Development of Multifaceted Prevention Strategy	Shrabani Snigdha , Tavleen Bajwa , Shaubhik Anand , Lalit Mohan , Keshav Goyal , Muskan Mittal , Kusum Rani Gupta , James Wahlang , Rakesh Kumar Gupta , Prerna Diwan	Biochemistry	Asian Pacific Journal of Health Sciences	https://doi.org/10.21276/ajhs.2021.8.3.32
39	2022	Estrogen-related receptor alpha in select host functions and cancer: new frontiers	Harmit S Ranhotra	Biochemistry	Molecular and Cellular Biochemistry	https://doi.org/10.1007/s1010-022-04380-w
40	2022	Manipulation of light environment for optimising photoreceptor activity towards enhancing plant traits of agronomic and horticultural importance in crops	Eros V. Kharshiing, Ophilialbapalei Lyngdoh Mawphlang, Vardhana Lama, Ramyani	Botany	The Journal of Horticultural Science and Biotechnology	https://doi.org/10.1080/14620316.2022.2056089
41	2022	Understanding the Relationship between CSR and Dividend Policy: Review and Future Prospects	Navin Chettri, Kailash C. Kabra, Neelam Rani	Commerce	Indonesian Journal of Sustainability Accounting and Management	DOI: 10.28992/ijsam.v6i1.372
42	2022	Reproductive activity and terrestrial oviposition of <i>Polypedates himalayensis</i>	P Wankitlang Shangliang, Rupa Nylla	Zoology	Sauria	https://www.sauria.de/freepdf/Sauria2022_1_49-57.pdf

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		(Annandale, 1912) in the hilly terrian of Meghalaya, North East India,	Hooroo, Duwaki Rangad and Ronald Kupar Lyngdoh Tron			
43	2022	“Traditional Knowledge and the Community: Mapping the History and Continuity of Traditional Medicine and Healers among the Khasi, Meghalaya.”	Nafisabeth Syiemlieh, Imtirenlal Longkumer, Lovitoli Jimo	Sociology	Ijfans International Journal of Food & Nutritional Science	https://ijfans.org/issue-content/traditional-knowledge-and-the-community-mapping-the-history-and-continuity-of-traditional-medicine-and-healers-among-the-khasi-meghalaya-3598
44	2022	Pressure-Induced Enhanced Optical Absorption in Sulfanite Compound Cu ₃ TaX ₄ (X = S, Se, and Te): An ab Initio Study	Himanshu Joshi, Amit Shankar, Nihal Limbu, Mahesh Ram, Amel Laref, Prasanta Kumar Patra, Oksana Bakhtiyarovna Ismailova, LalhriatZuala, Suman Chatterjee, Dibya Prakash Rai	Physics	ACS omega	https://doi.org/10.1021/acsomega.1c06795
45	2022	DFT study of structural, mechanical, thermodynamic, electronic, and thermoelectric properties of new PdT ₂ Z (Z = Ge and Pb)	Dipangkar Kalita, Nihal Limbu, Mahesh Ram, Atul Saxena	Physics	International Journal of Quantum Chemistry	https://doi.org/10.1002/qua.26951

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		half Heusler compounds				
46	2022	Prediction of some physical properties in new half Heusler alloy NbAgSi	Dipangkar Kalita, Mahesh Ram, Nihal Limbu, Raju Kalita, Atul Saxena	Physics	Journal of Solid State Chemistry	https://doi.org/10.1016/j.jssc.2022.122999
47	2022	<i>Microcystis</i> sp. AE03 strain in Dal Lake harbors <i>Cylindrospermopsin</i> and microcystin synthetase gene cluster	Fahim Bashir, Arif Bashir, Vishnu D. Rajput, Noureddine Bouaicha, Khalid M. Fazili, Samrat Adhikari, Yogesh Negi, Tatiana Minkina, Bashir Ahmad Ganai,	Biotechnology	Frontiers in Sustainable Food System	https://doi.org/10.3389/fsufs.2022.1036111
48	2022	KF-Al ₂ O ₃ catalyzed One-Pot Synthesis of Benzo[<i>q</i>]xanthene-11-ones	Iadeishisha Kharbangar	Chemistry	Spectrum: Science and Technology	https://anthonys.ac.in/resources/mdl/research/journals/st/doc_PeerReviewedResearchJournalV9-2022.pdf
49	2022	Assessment of Life Skills among the adolescents residing in Child Care Institutions	Wahlang, H.B., Kapoor, K.C., & Humtsoe, A.	Social Work - UG	International Journal of Humanities Social Science and Management	https://ijhssm.org/issue_idcp/Assessment%20of%20Life%20skills%20among%20the%20adolescents%20residing%20in%20Child%20Care%20Institutions.pdf
50	2022	Psychosocial Challenges of School Going Adolescents	Ainamlin Dkhar, Grace	Social Work -	International Journal of	(PDF) Psychosocial Challenges of School

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		During Covid-19 Pandemic: Teachers' and Parents' Perspective	Lalhlupuii Sailo	UG	Innovative Science and Research Technology	<u>Going Adolescents During Covid-19 Pandemic: Teachers' and Parents' Perspective</u> (researchgate.net)
51	2022	Students Volunteers' Service–Learning Experiences in the Swastyayan Programme	Kamsuan, D.S., & Wahlang, H.B.	Social Work - UG	South Asian Journal of Participative Development	<u>DOC-20230215- WA0100_compressed.pdf</u> (southasianjournalpd.in)
52	2022	A study of the ITK used in fisheries and Bioresources of Lai Lyngdoh area, West Khasi Hills, Meghalaya.	Kharbani, J. and Sawian, J.T	Environm ental Science	Spectrum: Science and Technology	<u>https://doi.org/10.54290/ spect/2022.v9.1.0007</u>
53	2022	Effects of urea fertilizer on some developmental stages of the common asian toad, <i>Duttaphrynus melanostictus</i>	S. J. Nongkynrih, P. W. Shangpliang, R. N. K. Hooroo and S. R. Hajong	Zoology	Journal of Zoological Society of Orissa	<u>PRANIKEE : The Journal of the Zoological Society of Orissa</u>
54	2023	First comprehensive study on the breeding activity of <i>Hylaannectans Jerdon</i> , 1870 in pristine water bodies of Meghalaya, Northeast India	P. Wankitlang Shangpliang, Susan Jones Nongkynrih, and Rupa Nylla K. Hooroo	Zoology	Herpetology Notes	<u>https://www.biotaxa.org/hn/article/view/77730</u>
55	2023	The world's largest cave fish from Meghalaya, North East India, is a new species, <i>Neolisochiluspnar</i> (Cyprinida e, Torinae)	Neelesh Dahanukar , Remya L. Sundar , Duwaki Rangad , Graham	Zoology	Vertebrate Zoology	<u>https://doi.org/10.3897/vz.73.e101011</u>

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		Proudlove , Rajeev Raghavan				
56	2023	Rhizospheres of <i>Rubus ellipticus</i> and <i>Ageratina riparia</i> from Meghalaya exhibit Actinomycetota that promote plant growth	Debulman Syiemiong, Dhruba Kumar Jha, Samrat Adhikari , Dapkumar Mylliemngap, RichbornKharbuki, Dominic Lyngdoh, Joel Paul Warlarpih, Neha Paul, Kevin Matthew Lamare, Chalcedony Wahlang, RangehbokLyngkhoi	Biotechnology & Botany	Journal of Applied Biology and Biotechnology	http://dx.doi.org/10.7324/JABB.2023.110210
57	2023	Evaluating Alterations of the Oral Microbiome and Its Link to Oral Cancer among Betel Quid Chewers: Prospecting Reversal through Probiotic Intervention	James Wahlang	Biochemistry	Pathogens	https://doi.org/10.3390/pathogens12080996
58	2023	Classification of Rivers of Brahmaputra Basin in Assam, India Based on Designated Best Use Concept	Rekha Bora, Lalit Saikia, Larihun Jeengaph & Rupjyoti Payeng	Environmental Science	Eco. Env. & Cons.	http://doi.org/10.53550/EEC.2023.v29i06s.008

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59	2023	Traditional Practices Pertaining to Sustainable Agriculture in North East India: A Review	Larihun Jeengaph	Environmental Science	Spectrum: Science and Technology	https://doi.org/10.54290/spec%2F2023.v10.1.0005
60	2023	Wild Edible Plants (WEPs) of Dkhiah Village, Jaintia Hills District, Meghalaya	Larihun Jeengaph, Lucy Swer, J. T. Sawian & Rekha Bora	Environmental Science	International Centre for Scientific Research and Development	https://www.icsrd.in/wp-content/uploads/2023/07/ICSRD-E-Journal-April-2023-Issue-2.pdf
61	2023	The faster evolution of signal peptide genes of Frankia in surfactome may be attributed to their cardinal role in symbiotic association	Datta, S., Sarkar, I., Ghosh, S., Goswami S. & Sen A.	Botany	Symbiosis	https://doi.org/10.1007/s13199-023-00935-7
62	2023	Navigating the Future: Nanotechnological Strategies for Tackling Hepatocellular Carcinoma	Annu Kumari, Swati Chowdhury, Disha Agarwal, P Wankitlang Shangpliang , Ritu Sharma, et al	Zoology	Journal of Cancer Research Reviews & Reports.	doi.org/10.47363/JCRR/2023(5)180
63	2023	Discrete interplay of gut microbiota L-tryptophan metabolites in host biology and disease	H.S.Ranhotra	Biochemistry	Molecular Cell Biochemistry	https://doi.org/10.1007/s1010-023-04867-0

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