

Web Links of Journals

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Year	Name of the Faculty	Name of the Paper	Name of the Journal	Web Link of the Journal
2016-17	Mazumder MK , Giri A, Kumar S, Borah A	A highly reproducible mice model of chronic kidney disease: Evidences of behavioural abnormalities and Blood-brain barrier disruption	<i>Life Sciences</i> , 2016; 161: 27 - 36. DOI: 10.1016/j.lfs.2016.07.020 . [ISSN: 0024-3205]	https://www.sciencedirect.com/journal/life-sciences
	Yuvaraja, P.M., Yania, N., Talukdar, S., Saikia, P.J. and Sarma, H.N	Field study on Herpetofauna in Arunachal Pradesh: The Eastern Himalayan Biodiversity Hot Spot, India	<i>Journal of Bioresources</i> 3(2): 33-42. ISSN No: 2394-4315	Journal of Bioresources http://jbr.rgu.ac.in http://jbr.rgu.ac.in/archives-2016V3I2.html
	Miyu, R., Wangsa, K., Sarma, I, Gowala, U., Saikia, P.J. , Sarma, H.N	HPLC Fractionation of Crude Root Bark Extract of <i>Cynoglossum zeylanicum</i> and its Estrogenic Effects Evaluated by Vaginal Cornification Assay	<i>Journal of Bioresources</i> 4(1): 61-70. ISSN No: 2394-4315	Journal of Bioresources http://jbr.rgu.ac.in http://jbr.rgu.ac.in/archives.html
	Mazumder MK , Bhattacharjee N, Borah A.	Garcinol prevents hyperhomocysteinemia and enhances bioavailability of L-DOPA by inhibiting catechol-o-methyltransferase: an <i>in silico</i> approach	<i>. Medicinal Chemistry Research</i> , 2016; 25(1): 116-122. DOI: 10.1007/s00044-015-1472-z . [ISSN: 1054-2523 (Print); 1554-8120 (Online)].	https://www.springer.com/journal/44
	Paul R, Choudhury A, Choudhury S, Mazumder MK , Borah A.	. Cholesterol in pancreatic β -cell death and dysfunction: underlying mechanisms and pathological implications.	<i>Pancreas (LWW)</i> 45(3):317-24. doi: 10.1097/MPA.0000000000000486	https://journals.lww.com/pancreasjournal/pages/default.aspx
2017-18	Saikia, P.J. , Das, D., Mize, D., Das, M., Sarma, H.N	Spatiotemporal expression of Vascular Endothelial Growth Factor-C in mice fetal-maternal tissues during periimplantation (D4–D7)	<i>Middle East Fertility Society Journal</i> . 22(2): 115-124.	Middle East Fertility Society Journal ScienceDirect.com by Elsevier
2018-19	Das, D., Saikia	Immuno-localization of	<i>Journal of</i>	http://jbr.rgu.ac.in

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	P.J. & Sarma, H.N	Vascular Endothelial Growth factor-C (VEGF-C) and its receptor (Flk-1/KDR) in preimplantation mice uterus: An <i>in situ</i> investigation	<i>Bioresources.</i> 5(2): 33-43.	
	Chakravarty H, Mazumder MK* , Boro F, Choudhury IB	The factors determining the differential Habitat use by sympatric primates: the case of Southern Assam, India.	<i>Journal of Biology and Nature</i> 2018; 9(1): 9-19. [ISSN: 2395-5376 (Print); 2395-5384 (Online)]	https://ikprress.org/index.php/JOBAN
	Mazumder MK , Paul R, Phukan BC, Dutta A, Chakrabarty J, Bhattacharya P, Borah A.	Garcinol, an effective monoamine oxidase-B inhibitor for the treatment of Parkinson's disease.	<i>Medical Hypotheses</i> 2018; 117: 54-58. DOI: 10.1016/j.mehy.2018.06.009 . [ISSN: 0306-9877]	https://www.sciencedirect.com/journal/medical-hypotheses
	Paul R, Dutta A, Phukan BC, Mazumder MK , Justin-Thenmozhi A, Manivasagam T, Bhattacharya P, Borah A	Accumulation of Cholesterol and Homocysteine in the Nigrostriatal Pathway of Brain Contributes to the Dopaminergic Neurodegeneration in Mice	<i>Neuroscience</i> 2018; 388:347-356. DOI: 10.1016/j.neuroscience.2018.07.041 . [ISSN: 0306-4522]	https://www.journals.elsevier.com/neuroscience
	Mazumder MK , Phukan BC, Bhattacharjee A, Borah A.	Disturbed purine nucleotide metabolism in chronic kidney disease is a risk factor for cognitive impairment	<i>Medical Hypotheses</i> 2018; 111: 36-39. DOI: 10.1016/j.mehy.2017.12.016 . [ISSN: 0306-9877].	https://www.sciencedirect.com/journal/medical-hypotheses
2019-20	Sarma, H.N, Mize, D., Wangsa K., Das D., Gowala, U., Misra K., Saikia, P.J	Growth Factors (VEGF and IGF) and Ovarian Hormones in Embryo Maternal Tissue Interaction During Early Embryo Development	<i>Journal of Bioresources</i> 6(2): 1-23.	http://jbr.rgu.ac.in
	Saikia R, Choudhury S, Borah A, Mazumder MK	Ameliorative effects of <i>Garcinia pedunculata</i> fruit extract on adenine- induced chronic kidney disease in mice, and the role of	<i>Oriental Pharmacy and Experimental Medicine</i> 2019; 20: 255–261. DOI: 10.1007/s13596-019-	https://www.springer.com/journal/13596

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		Garcinol: relevance to hyperuricemia and urolithiasis.	00402-z. [ISSN: 2662-4060 (Online); 2662-4052 (Print)].	
	<u>Mazumder MK*</u> , Choudhury S, Borah A	An <i>in silico</i> investigation on the inhibitory potential of the constituents of Pomegranate juice on antioxidant defense mechanism: relevance to neurodegenerative diseases.	<i>IBRO Reports</i> 2019; 6: 153-159. DOI: 10.1016/j.ibror.2019.05.003 . [ISSN: 2451-8301].	https://www.journals.elsevier.com/ibro-reports
	Deb S, Phukan BC, <u>Mazumder MK</u> , Dutta A, Paul R, Bhattacharya P, Sandhir R, Borah A.	Garcinol, a multi-faceted sword for the treatment of Parkinson's disease.	<i>Neurochemistry International</i> 2019; 128: 50-57. DOI: 10.1016/j.neuint.2019.04.004 . [ISSN: 0197-0186].	https://www.sciencedirect.com/journal/neurochemistry-international
	<u>Mazumder MK</u> , Paul R, Bhattacharya P, Borah A	Neurological sequel of chronic kidney disease: From diminished Acetylcholinesterase activity to mitochondrial dysfunctions, oxidative stress and inflammation in mice brain.	<i>Scientific Reports</i> 2019; 9: 3097. DOI: 10.1038/s41598-018-37935-3 . [ISSN 2045-2322 (online)].	https://www.nature.com/srep/
	<u>Mazumder MK*</u> , Choudhury S.	Tea polyphenols as multi-target therapeutics for Alzheimer's disease: An <i>in silico</i> study.	<i>Medical Hypotheses</i> 2019; 125: 94–99. DOI: 10.1016/j.mehy.2019.02.035 . [ISSN: 0306-9877].	https://www.sciencedirect.com/journal/medical-hypotheses
	Choudhury NB, <u>Mazumder MK*</u> , Chakravarty H, Choudhury AS, Boro F, Choudhury IB	The endangered Ganges river dolphin heads towards local extinction in the Barak river system of Assam, India: A plea for conservation.	<i>Mammalian Biology</i> , 2019; 95: 102–111. DOI: 10.1016/j.mambio.2019.03.007 . [ISSN: 1616-5047]	https://www.springer.com/journal/42991
2020-21	Choudhury, S., Moulick, D.,	Evaluating the potential of different inhibitors on	<i>Med J Armed Forces India</i> . 77, (Suppl. 2):	https://www.journals.elsevier.com/med-j-armed-forces-india

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	Saikia, P. & Mazumder MK	RNA-dependent RNA polymerase of severe acute respiratory syndrome coronavirus 2: A molecular modeling approach	S373-S378 DOI: 10.1016/j.mjafi.2020.05.005. ISSN: 0377-1237	dical-journal-armed-forces-india
	Wangsa K, Sarma I, Saikia P , Ananthakrishnan D, Sarma HN, Velmurugan D	Estrogenic Effect of Scoparia dulcis (Linn) Extract in Mice Uterus and In Silico Molecular Docking Studies of Certain Compounds with Human Estrogen Receptors	<i>Journal of Reproduction and Infertility</i> . 21(4): 247-258 ISSN: 22285482	https://www.jri.ir/
	Paul R, Mazumder MK , Nath J, Deb S, Paul S, Bhattacharya P, Borah A	Lycopene - A pleiotropic neuroprotective nutraceutical: Deciphering its therapeutic potentials in broad spectrum neurological disorders.	<i>Neurochemistry International</i> 2020; 140: 104823. DOI: 10.1016/j.neuint.2020.104823. [ISSN: 0197-0186].	https://www.sciencedirect.com/journal/neurochemistry-international
	Choudhury S, Moulick D, Mazumder MK	Secondary metabolites protect against metal and metalloids stress in rice: An in silico investigation using dehydroascorbate reductase.	<i>Acta Physiologiae Plantarum</i> 2020. DOI: 10.1007/s11738-020-03173-2. [ISSN: 1861-1664]	https://www.springer.com/journal/11738
	Choudhury S, Moulick D, Saikia P, Mazumder MK	Evaluating the potential of different inhibitors on RNA-dependent RNA polymerase of severe acute respiratory syndrome coronavirus 2: A molecular modeling approach.	<i>Med J Armed Forces India</i> . 77, (Suppl. 2): S373-S378 DOI: 10.1016/j.mjafi.2020.05.005. ISSN: 0377-1237	https://www.journals.elsevier.com/medical-journal-armed-forces-india
	Chetia P, Mazumder MK , Mahanta S, De B, Dutta Choudhury M	A novel phytochemical from <i>Dipteris wallichii</i> inhibits human β -secretase 1: Implications for the treatment of Alzheimer's disease.	<i>Medical Hypotheses</i> , 2020; 143: 109839. DOI: 10.1016/j.mehy.2020.109839. [ISSN: 0306-9877].	https://www.sciencedirect.com/journal/medical-hypotheses
	Choudhury S,	Suggesting Ritonavir	<i>Medical Hypotheses</i> ,	https://www.sciencedirect.com/journal/medical-hypotheses

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	<u>Mazumder MK*</u> .	against COVID-19/SARS-CoV-2	2020; 140: 109764. DOI: 10.1016/j.mehy.2020.109764 . [ISSN: 0306-9877].	edirect.com/journal/medical-hypotheses
	<u>Mazumder MK*</u> , Choudhury AS, Barbhuiya RA, Chakravarty H, Barbhuiya B	The ecology, distribution, status, threats, and conservation of the Common Water Monitor (<i>Varanus salvator</i>) in the Dhaleswari River of Assam, India.	<i>Amphibian & Reptile Conservation</i> 2020; 14(1): 1–9 (e218). [ISSN: 1083-446X (Print); 1525-9153 (Online)].	http://amphibian-reptile-conservation.org/
	Singha U, Choudhury AS, Chakravarty H, <u>Mazumder MK*</u> , Barbhuiya SA.	Status, threats, and conservation of the mega-reptilian fauna of southern Assam, India.	<i>Journal of the Bombay Natural History Society</i> 2020; 117: 90-98. doi: 10.17087/jbnhs/2020/v117/145378 . [ISSN: 0006-6982 (Print); 2454-1095 (Online)].	https://www.bnhsjournal.in
	<u>Mazumder MK*</u> , Borah A, Choudhury S	Inhibitory potential of plant secondary metabolites on anti-Parkinsonian drug targets: Relevance to pathophysiology, and motor and non-motor behavioural abnormalities.	<i>Medical Hypotheses</i> 2020; 137: 109544. DOI: 10.1016/j.mehy.2019.109544 . [ISSN: 0306-9877]	https://www.sciencedirect.com/journal/medical-hypotheses
2021-22	Choudhury, S., Moullick, D., Borah, A., Saikia, P. , & Mazumder, M. K	In search of drugs to alleviate suppression of the host's innate immune responses against SARS-CoV-2 using a molecular modeling approach	<i>In silico pharmacology</i> . 9(1), 26.	https://www.springer.com/journal/40203
	Das D., Saikia P. , Gowala, U., Sarma, H	Cell specific expression of Vascular Endothelial Growth Factor Receptor-2 (Flk-1/KDR) in developing mice embryo and supporting maternal uterine tissue during early gestation (D4-D7)	<i>International journal of fertility & sterility</i> , 15(2), 148–157. Print ISSN : 2008-076X Online ISSN : 2008-0778	https://www.ijfs.ir

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	Moulick D, Samanta S, Sarkar S, Mukherjee A, Pattnaik BK, Saha S, Awasthi JP, Bhowmick S, Ghosh D, Samal AC, Mahanta S, <u>Mazumder MK</u> , Choudhury S, Bramhachari K, Biswas JK, Santra SC.	Arsenic contamination, impact and mitigation strategies in rice agro-environment: An inclusive insight.	<i>Science of the Total Environment</i> , 2021, 800, 149477. DOI: 10.1016/j.scitotenv.2021.149477 . [ISSN: 0048-9697]	https://www.sciencedirect.com/journal/science-of-the-total-environment
	<u>Mazumder MK</u> , Sharma P, Moulick D, Tata SK, Choudhury S.	Salicylic acid ameliorates zinc and chromium-induced stress responses in wheat seedlings: a biochemical and computational analysis.	<i>Cereal Research Communications</i> , 2021, 1. DOI: 10.1007/s42976-021-00201-w. [Electronic ISSN: 1788-9170; Print ISSN: 0133-3720]	https://www.springer.com/journal/42976
	<u>MK</u> , Moulick D, Choudhury S	Iron (Fe ³⁺)-mediated redox responses and amelioration of oxidative stress in cadmium (Cd ²⁺) stressed mung bean seedlings: a biochemical and computational analysis.	<i>Journal of Plant Biochemistry and Biotechnology</i> 2021. DOI: 10.1007/s13562-021-00654-4. [ISSN: 0974-1275 (Online); 0971-7811 (Print)].	https://www.springer.com/journal/13562
	Paul R, Nath J, Paul S, <u>Mazumder MK</u> , Chetia Phukan B, Roy R, Bhattacharya P, Borah A.	Suggesting 7,8-dihydroxyflavone as a promising nutraceutical against CNS disorders.	<i>Neurochemistry International</i> 2021; 148: 105068. DOI: 10.1016/j.neuint.2021.105068. [ISSN: 0197-0186].	https://www.sciencedirect.com/journal/neurochemistry-international
	Choudhury S, Moulick D, Borah A, Saikia P, <u>Mazumder MK</u>	In search of drugs to alleviate suppression of the host's innate immune responses against SARS-CoV-2 using a molecular modeling approach.	<i>In Silico Pharmacology</i> 2021; 9: 26. DOI: 10.1007/s40203-021-00085-y. [ISSN: 2193-9616].	https://www.springer.com/journal/40203

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	Choudhury S, ·Sharma P, Moullick D, <u>Mazumder MK</u>	Unrevealing metabolomics for abiotic stress adaptation and tolerance in plants.	<i>Journal of Crop Science and Biotechnology</i> 2021. DOI: 10.1007/s12892-021-00102-8. [ISSN: 1975-9479].	https://www.springer.com/journal/12892
	Chetia Phukan B, Dutta A, Deb S, Saikia R, <u>Mazumder MK</u> , Paul R, Bhattacharya P, Sandhir R, Borah A.	Garcinol blocks motor behavioural deficits by providing dopaminergic neuroprotection in MPTP mouse model of Parkinson's disease: involvement of anti-inflammatory response	Experimental Brain Research. 2022;240(1):113-122. doi: 10.1007/s00221-021-06237-y.	https://www.springer.com/journal/221
	Choudhury, S.; <u>Mazumder, M.K.</u> ; Moullick, D.; Sharma, P.; Tata, S.K.; Ghosh, D.; Ali, H.M.; Siddiqui, M.H.; Brestic, M.; Skalicky, M.; Hossain, A.	A Computational Study of the Role of Secondary Metabolites for Mitigation of Acid Soil Stress in Cereals Using Dehydroascorbate and Mono-Dehydroascorbate Reductases.	Antioxidants 2022, 11, 458. https://doi.org/10.3390/antiox11030458	https://www.mdpi.com/journal/antioxidants
	Ray Talukdar Kanmuna, Saikia Purbajyoti, Sarma Hirendra	Kruppel-like factor 5 (Klf5) in fetal-maternal tissue during periimplantation and effects of ovarian steroid hormone antagonist on its expression during uterine receptivity of albino mice	Middle East Fertility Society Journal. 27. 10.1186/s43043-021-00092-1.	https://mefj.springeropen.com
	Juli Bairagi, Purba J Saikia, Freeman Boro, Ajit Hazarika	A review on the ethnopharmacology, phytochemistry and pharmacology of <i>Polygonum hydropiper</i> Linn.	<i>Journal of Pharmacy and Pharmacology</i> , Volume 74, Issue 5, May 2022, Pages 619–645, https://doi.org/10.1093/jpp/rgab175	https://academic.oup.com/jpp