

**Faculty Publications Department-wise**

No	Department	Author Name(s)	Title of the paper	Year	Journal name	Vol (issue): page numbers	JIF/Q (1→4)	UGC/Scopus / others	Published at RCASC	1 <sup>st</sup> page	verified
<b>2023</b>											
11	Biotechnology & Genetics	Channarayappa	Callose a Plasmodesmata Pore-Guard Regulates Molecular Trafficking in Response to Developmental and Environmental Stresses in Plants	2023	Gradiva Review Journal	9(6): 1255-1267 <a href="http://gradivereview.com">http://gradivereview.com</a> Paper ID: GRJ/6080, DOI:10.37897.GRJ.2022.V9I6.23.513188	6.1, Q4	UGC Approved Group II Journal, Scopus indexed	Yes	Yes	Verified
<b>2022</b>											
1	Biotechnology & Genetics	Channarayappa and Lokesh K.N.	Morphological, Pharmaceutical and Protective Mechanism of Trichomes in Lycopersicon Species.	2022	International Journal of Scientific Research and Engineering Development	<a href="http://www.ijsred.com">Volume 5(1): 68-77. ISSN: 2581-7175. Available at www.ijsred.com</a>	5.386	YES (Google Scholar)	Yes	Yes	Verified
2	Biotechnology & Genetics	Karthik R, Hemalatha J, Vinutha M and K.J.Thara Saraswathi	Exploration of Wild Cymbopogon citratus (DC.) Stapf. for Fingerprint compounds in volatile oil. . 2022,	2022	The Mysore Journal of Agricultural Sciences,	<a href="https://e-krishiasb.karnataka.gov.in/MJAS/ Home.aspx#Volume 56(1), 160-170. ISSN:0047-8539. Available at">https://e-krishiasb.karnataka.gov.in/MJAS/ Home.aspx#Volume 56(1), 160-170. ISSN:0047-8539. Available at</a>		Web of Science	Yes		No IF
3	Biotechnology and Genetics	J.Hemalatha, M.Vinutha, K.Sreelatha and K.J. Thara Saraswathi.	Exploration and Characterization of Wild Cymbopogon martini (Roxb) Wats.Var.Sofia	2022	The Mysore Journal of Agricultural Sciences	<a href="https://e-krishiasb.karnataka.gov.in/MJAS/Home.aspx#Volume 56(1), 147-159. ISSN:0047-8539. Available at">https://e-krishiasb.karnataka.gov.in/MJAS/Home.aspx#Volume 56(1), 147-159. ISSN:0047-8539. Available at</a>		Web of Science	Yes		No IF
4	Electronics	Naveen Kumar R & Asharani R	Review on Brain Tumor Image Segmentation in Time-Frequency Domain	2022	MAT Journals-Journal of Image Processing and Artificial Intelligence	e-ISSN: 2581-3803, Volume-8, Issue-3 (September-December, 2022)	5.384		Yes		Verified
5	Biotechnology & Genetics	Radha MJ and Mahaboob P. Basha	Genotoxic impact of di-n-butyl phthalate on DNA: A comparative study of three-generations in the neuronal tissue of Wistar rats	2022	Toxicology and Industrial health	Volume 38 (3):162-175, ISSN: 0748-2337, Online ISSN: 1477-0393, <a href="https://doi.org/10.1177/07482337221079428">https://doi.org/10.1177/07482337221079428</a>	2.488/Q3	YES	Yes		Verified
6	Biotechnology & Genetics	Anand S, Sowbhagya R, Ansari MA, Alzohairy MA, Alomary MN, Almalik Al, Ahmad W & Tripathi	<a href="#">Polyphenols and Their Nanoformulations: Protective Effects against Human Diseases</a>	2022	Life- MDPI	Life 2022, 12, 1639	3.215/Q2	YES (SCOPUS)	Yes		Verified
<b>2021</b>											
1	Biotechnology and Genetics	Hemalatha J, Vinutha Marigowda and Kunigal Jagadishchandra Thara Saraswathi.	Secondary Metabolite Production and Terpenoid Biosynthesis in Endophytic Fungi Cladosporium cladosporioides Isolated from Wild Cymbopogon martinii (Roxb.) Wats.	2021	Microbiology Research	<a href="https://doi.org/10.3390/microbiolres12040059">Volume 12(4), 812-828 ;ISSN: 2036-7481 https://doi.org/10.3390/microbiolres12040059</a>		Web of Science	Yes		No JIF
2	Biotechnology & Genetics	Manjula S, Ashwini M, Vinutha M, KJ Thara Saraswathi.	Studies on essential oil compounds from wild Cymbopogon giganteus (Hochst.) Chiov	2021	International Journal of Botany Studies,	<a href="https://www.botanyjournals.com/archives/2021/Volume 6(6), 106-110. ISSN: 2455-541X">https://www.botanyjournals.com/archives/2021/Volume 6(6), 106-110. ISSN: 2455-541X</a>		Web of Science	Yes		No JIF
3	Biotechnology & Genetics	V Kanjana, Ashwini M, Vinutha M, K J Thara Saraswati	Studies on chemical composition of essential oil from wild Cymbopogon giganteus.	2021	International Journal of Botany Studies	<a href="https://www.botanyjournals.com/archives/2021/vol6/issue6/6-5-270">Volume6(6), 265-271 .ISSN:2455-541X, https://www.botanyjournals.com/archives/2021/vol6/issue6/6-5-270</a>		Web of Science	Yes		No JIF
4	Biotechnology & Genetics	Brundha J, Hemalatha J, Vinutha M, K J Thara Saraswati.	Studies on terpenoid compounds in the essential oil of wild Cymbopogon martinii (Roxb.) Watson.	2021	International Journal of Botany Studies	<a href="https://www.botanyjournals.com/archives/2021/vol6/issue6/6-6-53">Volume 6(6), 525-533. .ISSN:2455-541X https://www.botanyjournals.com/archives/2021/vol6/issue6/6-6-53</a>		Web of Science	Yes		NoJIF

5	Biotechnology & Genetics	Harshitha AR, Hemalatha J, Vinutha M, K J Thara Saraswati.	Studies on biosynthesis of terpenoid compound from the essential oil of wild <i>Cymbopogon giganteus</i> (Hochst.) Chiov.	2021	International Journal of Botany Studies	<a href="https://www.botanyjournals.com/archives/2021/vol6/issue6/6-6-116">Volume 6(6), 976-983. ISSN:2455-541X Available at https://www.botanyjournals.com/archives/2021/vol6/issue6/6-6-116</a>		Web of Science	Yes		NO IF
6	Biotechnology & Genetics	Saqib Majeed J. Hemalatha M. Vinutha and K. J. Thara Saraswathi.	Chemical Diversity in the Essential Oil of Wild <i>Cymbopogon giganteus</i> (Chiov.)	2021	The Mysore Journal of Agricultural Sciences	<a href="https://e-krishiuasb.karnataka.gov.in/MJAS/Home.aspx#Volume55(4),300-309ISSN:0047-8539">https://e-krishiuasb.karnataka.gov.in/MJAS/Home.aspx#Volume55(4),300-309ISSN:0047-8539. Available at</a>		Web of Science	Yes		No IF
7	Biotechnology & Genetics	Radha MJ and Geetika Pant	Characteristics Features and Signalling Cascade of Novel Zoonotic Coronavirus	2021	Sumerianz Journal of Biotechnology	Volume 4 Issue 2: 77-84 ISSN(e): 2617-3050, ISSN(p): 2617-3123 <a href="https://doi.org/10.47752/sjb.42.77.84">https://doi.org/10.47752/sjb.42.77.84</a>	0.33	YES (Google scholar)	Yes		Verified
8	Biotechnology & Genetics	Geetika Pant, Jaanaky Vigneswaran, Anogh Muthukumar, M Shafras	An insight into Alzheimer's disease and its on-setting novel genes	2021	The Egyptian Journal of Neurology, Psychiatry and Neurosurgery	Vol. 57, no. 1, pp. 1 – 16 ISSN:1110-1083 (Print) 1687-8329 (Online). <a href="https://doi.org/10.1186/s41983-021-00420-2">https://doi.org/10.1186/s41983-021-00420-2</a>	0.774/ Q4	YES (SCOPUS)	Yes		Verified
9	Biotechnology & Genetics	Sd Guna Vathana, J Wilson, Prashanthi R, A Cyrac Peter	CuO nanoflakes anchored polythiophene nanocomposite: Voltammetric detection of L-Tryptophan	2021	Inorganic Chemistry Communications	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1387700320309886?dgcid=rss_sd_allInorganicChemistryCommunications,124,p.108398">https://www.sciencedirect.com/science/article/abs/pii/S1387700320309886?dgcid=rss_sd_allInorganicChemistryCommunications,124,p.108398</a>	3.428/ Q2	YES (SCOPUS)	YES		Verified
10	Biotechnology & Genetics	Prashanthi R, Shreevatsa Gk, Krupalini S, Manoj L	Isolation, characterization, and molecular identification of soil bacteria showing antibacterial activity against human pathogenic bacteria	2021	Journal of Genetic Engineering and Biotechnology	<a href="https://pubmed.ncbi.nlm.nih.gov/34406527/JournalofGeneticEngineeringandBiotechnology,19(1),pp.1-14">https://pubmed.ncbi.nlm.nih.gov/34406527/JournalofGeneticEngineeringandBiotechnology,19(1),pp.1-14</a>	3.1818 /Q2	YES (SCOPUS)	YES		verified
11	Biotechnology & Genetics	Pratibha Ramadasappa, Shivashankar Mallaiiah,*Ramakrishnaiah T N	Fluorescein Amidite (FAM) based RAPD barcodes for genetic analyses of mango ( <i>Mangifera indica</i> ) genotypes	2021	Advances in Bioresearch			Yes/UGC	Yes		Verified
12	Biotechnology & Genetics	Ravikiran Tekupalli, Santosh Anand, Sowbhagya Ramachandre gowda, Anupama Sindhghatta Kariyappa, Ramakrishna Vadde	Biomarkers for Hepatocellular Carcinoma–An Updated	2021	Critical Reviews™ in Oncogenesis	10.1615/CritRevOncog.2020035676 1 (11-20)	1.04	Yes/Scopus	Yes		verified
<b>2020</b>											

#### BOOK Chapters

No	Department	Name (S)	Title	Year	Publisher	ISBN:	Cite	RCASC Affiliation	1 <sup>st</sup> Page	Verify
1	Biotechnology & Genetics	Rashmi Nagesh, Rajeshwari H patil, M. Naveen Kumar, K M Kiran Kumar, Shivaleela Biradar and Babu R Lamani	Oxidative stress in modulation of immune function in livestock”, Chapter in “Emerging Issues in Climate Smart Livestock Production”	2022	Elsevier ?	<a href="https://doi.org/10.1016/B978-0-12-822265-2.00008-9">https://doi.org/10.1016/B978-0-12-822265-2.00008-9</a>	-	yes	yes	Book chapter
2	Biotechnology & Genetics	Kiran Kumar K M, Rashmi Nagesh, M Naveen Kumar, S J Prashanth and R L Babu	Modulatory act of diverse transcriptional factors in liver carcinoma. Chapter In Theranostics and Precision Medicine for the Management of Hepatocellular Carcinoma Volume 2_ Diagnosis, Therapeutic Targets, and Molecular Mechanisms	2022	Elsevier	<a href="https://doi.org/10.1016/B978-0-323-98807-0.00014-4">https://doi.org/10.1016/B978-0-323-98807-0.00014-4</a>		yes	yes	verified - Book Chater 11
3	Biotechnology & Genetics	Anand, S., Lakshmikanth, R.R.N.R., Manjula, K.R., Jayashree, DR., Ravikiran, T.	Aging: Impact of Gut microbiota	2022	Springer	<a href="https://doi.org/10.1007/978-981-19-4530-4_5">https://doi.org/10.1007/978-981-19-4530-4_5</a>	5	Yes	Yes	Book chapter
5	Biotechnology & Genetics	Prashanthi R, Dileep Francis Rashmi Nagesh, Vinutha M	Covid 19 Genomics and Proteomics (book chapter)	2021	Ramaiah publisher	<a href="https://www.researchgate.net/publication/351617556_COVID-19_Genomics_and_Proteomics">https://www.researchgate.net/publication/351617556_COVID-19_Genomics_and_Proteomics</a>		YES		Verified

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