

M S RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE 2021-2022

Sl.No	Department	Author	2021	Paper	DOI	Indexed	Journal
1	BIOTECHNOLOGY / GENETICS	Dr. Geetika Pant	2021	An insight into Alzheimer's disease and its on-setting novel genes	https://ejnpr.springeropen.com/articles/10.1186/s41983-021-00420-2	SCOPUS	Egyptian Journal of Neurology, Psychiatry and Neurosurgery
2	BIOTECHNOLOGY / GENETICS	Dr. Sowbhagya R	2021	Biomarkers for Hepatocellular Carcinoma - An Updated Review	https://pubmed.ncbi.nlm.nih.gov/33641281/	SCOPUS	Critical Reviews in Oncogenesis
3	BIOTECHNOLOGY / GENETICS	Dr. Prashanthi R	2021	CuO nanoflakes anchored polythiophene nanocomposite: Voltammetric detection of L-Tryptophan	https://www.sciencedirect.com/science/article/abs/pii/S1387700320309886	SCOPUS	Inorganic Chemistry Communication
4	BIOTECHNOLOGY / GENETICS	Dr. Sowbhagya R	2021	Decalepis hamiltonii and its bioactive constituents mitigate isoproterenol-induced cardiotoxicity in aged rats	https://doi.org/10.1016/j.sajb.2021.10.022	SCOPUS	South African Journal of Botany
5	BIOTECHNOLOGY / GENETICS	Dr. Prashanthi R	2021	Isolation, characterization, and molecular identification of soil bacteria showing antibacterial activity against human pathogenic bacteria	https://jgeb.springeropen.com/articles/10.1186/s43141-021-00219-x	SCOPUS	Journal of Genetic Engineering and Biotechnology
6	BIOTECHNOLOGY / GENETICS	Dr. Rashmi Nagesh, Dr. M. Naveen Kumar	2021	Regulation of Jun and Fos AP-1 transcription factors by JNK MAPKs signaling cascade in areca nut extract treated KB cells	https://pubmed.ncbi.nlm.nih.gov/34401529/	SCOPUS	Biochemistry and Biophysics Reports
7	BIOTECHNOLOGY / GENETICS	Dr. Vinutha M	2021	Secondary Metabolite Production and Terpenoid Biosynthesis in Endophytic Fungi Cladosporium cladosporioides Isolated from Wild Cymbopogon martinii (Roxb.) Wats	89N3PDyZzakoH7W6n8ZrjGDDktjh8iWFG6eKRvi3kvpQ	SCOPUS	Microbiology Research
8	BIOTECHNOLOGY / GENETICS	Dr. Muktha H	2022	Carbon dots derived from Beta vulgaris: evaluation of its potential as antioxidant and anticancer agent	https://doi.org/10.1088/1361-6528/ac30f1	SCOPUS	Nanotechnology
9	BIOTECHNOLOGY / GENETICS	Dr. Muktha H	2022	Carbon dots-A study of its cytotoxic activity against HepG2 and MCF-7 cell lines	https://www.sciencedirect.com/science/article/pii/S2214785321034404	SCOPUS	Materials Today: Proceedings
10	BIOTECHNOLOGY / GENETICS	Dr. Naveen Kumar M	2022	Chapter 11- Modulatory act of diverse transcriptional factors in liver carcinoma	https://www.sciencedirect.com/science/article/pii/B9780323988070000144	SCOPUS	Theranostics and Precision Medicine for the Management of Hepatocellular Carcinoma

11	BIOTECHNOLOGY / GENETICS	Dr. Radha MJ	2022	Genotoxic impact of di-n-butyl phthalate on DNA: A comparative study of three generations in the neuronal tissue of Wistar rats	10.1177/07482337221079428	SCOPUS	Toxicology and Industrial Health
12	BIOTECHNOLOGY / GENETICS	Dr. Rashmi Nagesh, Dr. M. Naveen Kumar	2022	Modulatory act of diverse transcriptional factors in liver carcinoma	https://www.sciencedirect.com/science/article/pii/B9780323988070000144	SCOPUS	Theranostics and Precision Medicine for the Management of Hepatocellular Carcinoma
13	BIOTECHNOLOGY / GENETICS	Dr. Ramakrishnaiah	2022	Morphometric Analysis of Some Nymphalidae Butterflies (Rhopalocera) from the Bannerghatta Biological Park (BBP), Bengaluru, Karnataka	https://indianjournals.com/ijor.aspx?target=ijor:ije1&volume=49&issue=1&article=045	SCOPUS	Indian Journal of Ecology
14	BIOTECHNOLOGY / GENETICS	Dr. Ramakrishnaiah	2021	Fluorescein Amidite (FAM) based RAPD barcodes for genetic analyses of mango (<i>Mangifera indica</i>) genotypes	DOI: 10.15515/abr.0976-4585.12.5.2331	WOS	Advances in Bioresearch
15	BIOTECHNOLOGY / GENETICS	Dr. Ramakrishnaiah TN, Dr. Surendra AS, Dr. Sowbhagya R	2022	Application of RAPD Barcodes in establishing the genetic variations of Lynx spiders, <i>oxyopes javanus</i> populations from the different parts of Karnataka, India		WOS	Annals of Entomology
16	BIOTECHNOLOGY / GENETICS	Dr. Vinutha M	2022	Exploration and Characterization of Wild <i>Cymbopogon martinii</i> (Roxb) Wats. Var. Sofia		WOS	Mysore Journal of Agricultural Sciences
17	BIOTECHNOLOGY / GENETICS	Dr. Vinutha M	2022	Exploration of Wild <i>Cymbopogon citratus</i> (DC.) Stapf. for Fingerprint Compounds in Volatile Oil		WOS	Mysore Journal of Agricultural Sciences
18	BIOTECHNOLOGY / GENETICS	Dr. Radha MJ, Dr. Geetika Pant	2021	Characteristics Features and Signalling Cascade of Novel Zoonotic Coronavirus	https://www.researchgate.net/publication/353153537_Characteristic_Features_and_Signalling_Cascade_of_Novel_Zoonotic_Coronavirus		Sumerianz Journal of Biotechnology
19	BIOTECHNOLOGY / GENETICS	Dr. Vinutha M	2021	Studies on biosynthesis of terpenoid compound from the essential oil of wild <i>Cymbopogon giganteus</i> (Hochst.) Chiov			International Journal of Botany Studies
20	BIOTECHNOLOGY / GENETICS	Dr. Naveen Kumar M	2022	Alumina: As a Biocompatible Biomaterial Used in Dental Implants			Journal of Dental Applications
21	CHEMISTRY / BIOCHEMISTRY	Dr. Vidya M, Dr. Amarnath Satheesh	2020	Antioxidant Analysis and Phytochemical Screening of <i>Colocasia Esculenta</i> Leaf Extract	https://www.jpsr.pharmainfo.in/Documents/Volumes/vol12issue01/jpsr12012024.pdf	SCOPUS	Journal of Pharmaceutical Sciences and Research

22	CHEMISTRY / BIOCHEMISTRY	Dr. Prasanna Kumar SG	2020	Electrochemical behavior of Heat treated Al 356 Alloy using N2-phenyl-1, 3, 5-triazine- 2, 4-diamine compound in 3.5% NaCl solution	https://worldresearchersassociations.com/Archives/RJCE/Vol(24)2020/August2020.aspx	SCOPUS	Research Journal of Chemistry and Environment
23	CHEMISTRY / BIOCHEMISTRY	Dr.Vasanth K.Bhaskara	2020	Resveratrol, cancer and cancer stem cells: A review on past to future	https://doi.org/10.1016/j.crfs.2020.10.004	SCOPUS	Current Research in Food Science
24	CHEMISTRY / BIOCHEMISTRY	Dr.Harisha S	2020	Synthesis, characterization, pharmacological evaluation and molecular docking studies of benzothiazole azo derivatives	https://doi.org/10.1016/j.molstruc.2020.128477	SCOPUS	Journal of Molecular Structure
25	CHEMISTRY / BIOCHEMISTRY	Dr.Aruna Kumari ML	2021	A facile and green synthesis of CuO/NiO nanoparticles and their removal activity of toxic nitro compounds in aqueous medium.	https://doi.org/10.1016/j.chemosphere.2020.129475	SCOPUS	Chemosphere
26	CHEMISTRY / BIOCHEMISTRY	Dr.Aruna Kumari ML	2021	Au integrated 2D ZnO heterostructures as robust visible light photocatalysts	https://doi.org/10.1016/j.chemosphere.2021.130594	SCOPUS	Chemosphere
27	CHEMISTRY / BIOCHEMISTRY	Dr.Ashly P. C	2021	Compressive strain induced by multiple phase distribution and atomic ordering in PdCu nanoparticles to enhanced ethanol oxidation reaction performance	https://doi.org/10.1016/j.jpowsour.2021.230168	SCOPUS	Journal of Power Sources
28	CHEMISTRY / BIOCHEMISTRY	Dr.Asha KS	2021	Conductive Metal-Organic Frameworks: Electronic Structure and Electrochemical Applications	https://doi.org/10.1002/chem.202100610	SCOPUS	Chemistry A European Journal
29	CHEMISTRY / BIOCHEMISTRY	Dr. Prasanna Kumar SG	2021	Role of NH4Cl as Flux on Photoluminescence properties of Ca1-xZrO3;Eux (x-0.05) Synthesized by solution combustion route	https://www.researchgate.net/publication/349356586_Role_of_NH4Cl_as_Flux_on_Photoluminescence_Properties_of_Ca1-xZrO3Eux_x_005_Synthesized_by_Solution_Combustion_Route	SCOPUS	Asian Journal of Chemistry
30	CHEMISTRY / BIOCHEMISTRY	Dr.Aruna Kumari ML	2021	Visible light driven reduced graphene oxide supported ZnMgAl LTH/ZnO/g-C3N4 nanohybrid photocatalyst with notable two-dimension formation for enhanced photocatalytic activity towards organic dye degradation	https://doi.org/10.1016/j.envres.2021.111079	SCOPUS	Environmental Research

31	CHEMISTRY / BIOCHEMISTRY	Dr. Smrithi SP	2022	Carbon dots decorated cadmium sulphide heterojunction-nanospheres for the enhanced visible light driven photocatalytic dye degradation and hydrogen generation	https://pubmed.ncbi.nlm.nih.gov/35901574/	SCOPUS	Journal of Colloid and Interface Science
32	CHEMISTRY / BIOCHEMISTRY	Dr. Bharath	2022	Development of rhodium coatings by electrodeposition for photocatalytic dye degradation	https://www.sciencedirect.com/science/article/abs/pii/S0042207X22005826	SCOPUS	Vacuum
33	CHEMISTRY / BIOCHEMISTRY	Dr. Usharani	2022	Enhancement of Band Gap Energy and Crystallinity of Cu-MOFs due to Doping of Nano Metal Oxide	https://www.scientific.net/AMR.1173.13#:~:text=Enhancement%20of%20Band%20Gap%20Energy%20and%20Crystallinity%20of,due%20to%20assembling%20of%20nanometal%20oxide%20on%20Cu-MOF%2Fnanocomposite.	SCOPUS	Advanced Materials Research
34	CHEMISTRY / BIOCHEMISTRY	Dr. Bharath	2022	Investigation of African mangosteen leaves extract as an environment-friendly inhibitor for low carbon steel in 0.5 M H ₂ SO ₄	https://www.sciencedirect.com/science/article/abs/pii/S1387700322002969	SCOPUS	inorganic chemistry communications
35	CHEMISTRY / BIOCHEMISTRY	Dr. Usharani	2022	Modulation of Optical Band Gap of 2-Amino Terephthalic Acid Cu-MOFs Doped with Ag ₂ O and rGO	https://www.researchgate.net/publication/362930972_Modulation_of_Optical_Band_Gap_of_2-Amino_Terephthalic_Acid_Cu-MOFs_Doped_with_Ag2O_and_rGO	SCOPUS	Advanced Materials Research
36	CHEMISTRY / BIOCHEMISTRY	Dr. Usharani	2022	Study on Optical Properties of Cu-MOF Nano Metal Oxide Composites		SCOPUS	Applied Mechanics and Materials
37	CHEMISTRY / BIOCHEMISTRY	Dr. Vibha	2022	Synthesis, characterization, in vitro biological evaluation and molecular docking studies of newly synthesized mononuclear lanthanum(III) complexes of N,N'-bis(2-aminoethyl)oxamide and phenanthroline bases		SCOPUS	Journal of Molecular Structure
38	CHEMISTRY / BIOCHEMISTRY	Dr. Bharath	2022	The development of platinum-rhodium alloy coatings on SS304 using a pulse/direct electrodeposition technique and their application to antibacterial activity		SCOPUS	Journal of the Indian Chemical Society

39	CHEMISTRY / BIOCHEMISTRY	Dr. Bharath	2022	The characteristics of electrodeposited nickel composite coatings a review			International Research Journal of Engineering and Technology
40	CHEMISTRY / BIOCHEMISTRY	Dr. Asha KS		Assembly of Ni-Based Metal-Organic Framework through Interconnected Adamantane like Cages	https://worldresearchersassociations.com/Archives/RJCE/Vol(24)2020/August2020.aspx		
41	CHEMISTRY / BIOCHEMISTRY	Dr. Vibha Vinayakumar Bhat		Fluorescence studies of Lanthanum (III) complexes of N, N' bis-(alkyl/aryl)-substituted oxamides and phenanthroline bases	https://worldresearchersassociations.com/Archives/RJCE/Vol(24)2020/August2020.aspx		
42	COMMERCE	Dr. Shankar Guddad	2022	A case study review on green marketing			Journal of Education: Rabintra Bharati University
43	COMMERCE	Dr. Srivaideshwari s, Dr. Shankar Guddad, Dr. BS Jayarama	2022	Consumer Buying Behavior During COVID-19 and its impact on E-Commerce industry			Fostering resilient Business ecosystems and economic growth: Towards the next normal
44	COMMERCE	Dr. Srivaideshwari S, Dr. Sai Sushmitha V	2022	Green Accounting for a Sustainable Economy: A Case Study of Marico Ltd			JNNCE Journal of Engineering and Management
45	COMPUTER SCIENCE	Mrs. Savithri Kulkarni, Mrs. Dhanashri Vaishali	2022	Analysis of sensor network in Different sectors			Indian Journal of Natural Sciences
46	COMPUTER SCIENCE	Mrs. Suma C, Mr. Shilpa Nayak		Wheelchair Stimulated by Tongue using Arduino and Hall Effect Sensors			Indian Journal of Natural Sciences
47	MANAGEMENT	Dr. Pallavi	2022	Analysis of Foreign Direct Investment Inflows of BRICS Countries for Pre-Pandemic Period and during Pandemic Crisis	https://www.naturalspublishing.com/files/published/k5acv01e99hg19.pdf	SCOPUS	Information Sciences Letters
48	MANAGEMENT	Dr. Pallavi	2021	A case study on performance management through human resource analytics during COVID-19 pandemic - a transformational approach			International Journal of Scientific Research in Engineering and Management
49	MANAGEMENT	Dr. Pallavi	2022	A case study on E-HRM: Challenges and considerations			International Journal of Scientific Research in Engineering and Management

50	MANAGEMENT	Dr. Vichitra	2022	Employee Retention as a hert of Talent Management			International Journal of All Research Education and Scientific Methods
51	MANAGEMENT	Dr. Pallavi		A Study on Brand Perception - Post Pandemic			
52	MATHEMATICS	Dr. Asharani R, Dr. Naveen Kumar R	2022	Review on Brain Tumor Image Segmentation in Time-Frequency Domain	https://www.researchgate.net/publication/363706004_Review_on_Brain_Tumor_Image_Segmentation_in_Time-Frequency_Domain		Journal of Image Processing and Artificial Intelligence
53	MICROBIOLOGY	Dr. Manikandan A	2021	Apoptosis-inducing Metabolite from Marine Mangrove Actinobacteria VITGAP173	https://www.eurekaselect.com/article/123883	SCOPUS	Anti-Cancer Agents in Medicinal Chemistry
54	MICROBIOLOGY	Dr.Prasanna Srinivas.R	2021	Isolation of Fungal Endophytes from Aloe Vera and the Study of Metabolites for Antibacterial Activity and Effect of Growth Hormones on the Plant Growth of Ocimum Sanctum and with Aniasomnifera	https://annalsofrscb.ro/index.php/journal/article/view/9279/6773	SCOPUS	Annals of the Romanian Society for Cell Biology
55	MICROBIOLOGY	Dr.Prasanna Srinivas.R	2021	Isolation of Rhizospheric and endophytic fungi from the roots of Rutagraveolens and the study of fungal metabolites for Auxins-its effect on plant growth of Alternantherasessilis and Bacopamonnieri	https://kalaharijournals.com/resources/SP-Vol.6_82.pdf	SCOPUS	International Journal of Mechanical Engineering
56	MICROBIOLOGY	Dr. Pushpa.H	2021	Statistical Analysis and Effect of Primary Nutrient (N,P,K) in Coal Ash Admixed Wasteland Soil through Vesicular–Arbuscular Mycorrhizae Invasion	https://www.nveo.org/index.php/journal/article/view/1895	SCOPUS	Natural Volatiles and Essential Oils
57	MICROBIOLOGY	Dr.Prasanna Srinivas.R	2021	Isolation of fungal endophytes from Lagerstroemia speciosa and its antibacterial effect	http://jrdrvb.com/archieves		Journal of Research & Development
58	MICROBIOLOGY	Dr.Prasanna Srinivas.R	2021	Isolation of Rhizosphere and fungal endophytes from Carissa carandas and its anti-bacterial effect.	https://ijaar.co.in/wp-content/uploads/2022/03/5.-Volume-1-Issue-5.pdf		International Journal of Advance and Applied Research
59	MICROBIOLOGY	Dr.Prasanna Srinivas.R	2021	Isolation of Rhizosphere and fungal endophytes from Premna serratifolia and its anti-bacterial effect	http://jrdrvb.com/archieves		Journal of Research & Development

60	MICROBIOLOGY	Dr.Prasanna Srinivas.R	2022	Isolation of Rhizosphere and fungal endophytes from Basella alba,its antibacterial activity and screening of compounds		Ajanta-An International Multidisciplinary Quarterly Research Journal
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