

Faculty Publications Department of Chemistry and Biochemistry

No	Department	Author Name(s)	Title of the paper	Year	Journal name	Vol (issue): page numbers	JIF/Q (1→4)	UGC/ Scopus/ others	Published	1 st page	verified
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2023											
1	Biochemistry	Ramya Kumari B S	Comparative study on the production, purification and immobilization of alkaline protease from Bacillus species present in soil rhizosphere	2023	Applied Biological Research	Vol. 25 (2): 243, ISSN: 0972-0979. Online ISSN: 0974-4517. Published, DOI: 10.5958/0974-4517.2023.00029.0	0.875	Yes (UGC and Web of Science)	Yes		verified
2	Biochemistry	Ramya Kumari B S	Text Book-Chemical Foundation of Biochemistry -I	2023	Text Book	Himalaya Publishing House ISBN:978-93-5693-629-4			yes		
3	Chemistry	P Hareesh Kumar et al	Synthesis & cytotoxic activity of Bis (μ-chloro) Bis (azobenzoyl – Di palladium complexes	2023	Material Today proceedings	I will update soon	0.3 (Q2)	Scopus	yes	accepted	
4	Chemistry	K Gurushantha, Nagaraju Kottam, SP Smrithi, MS Dharmaprasanth, K Keshavamurthy, S Meena, N Srinatha	Visible Light Active WO3/TiO2 Heterojunction Nanomaterials for Electrochemical Sensor, Capacitance and Photocatalytic Applications	2023	Catalysis Letters	https://doi.org/10.1007/s10562-023-04362-7	2.8 (Q2)	Scopus	Yes	Yes	
5	Chemistry	Saddam Sharieff, Sravanthi Veluturla, Nagaraju Kottam, SP Smrithi, Rahul Singhvi	Esterification of levulinic acid to butyl levulinate over TiO2/WO3/SO42-: optimization and kinetic study	2023	Biomass Conversion and Biorefinery	https://doi.org/10.1007/s13399-023-04016-z	4.0 (Q3)	Scopus	Yes	Yes	
6	Chemistry	GV Jagadeesha Gowda, Bharath K Devendra, GV Ashok Reddy, G Maruthi, M Manjunatha, G Harisha, C Devaraja	Structural, Physical, and Optical Properties of Lead Boro-Tellurite Glasses Doped with Europium Trioxide	2023	Rasayan Journal of Chemistry	16(2), 692-698 http://doi.org/10.31788/RJC.2023.1628300	Q2	Scopus	Yes	Yes	
8	Chemistry	Prasannakumar Jammapura Kallappa, Prakash Gowdra Kalleshappa, Basavarajappa Bachi Eshwarappa, Suresh Basavarajappa, Virupaxappa S Betageri, Bharath Kadler Devendra	Synthesis of cellulose nanofibers from lignocellulosic materials and their photocatalytic dye degradation studies	2023	International Nano letters	https://doi.org/10.1007/s40089-023-00402-7	3.7 (Q4)	Scopus	Yes	Yes	
9	Chemistry	J.K. Prasannakumar, G.K. Prakash, B. Suresh, B.E. Basavarajappa, H.S. Onkarappa, Bharath K. Devendra, S.G. Prasannakumar	Synthesis of morphological studies of nanocellulose fibers from lignocellulosic Biomass in ionic liquid	2023	Asian Journal of Chemistry	https://doi.org/10.14233/ajchem.2023.23999	0.23 (Q4)	Scopus	Yes	Yes	v
10	Chemistry	Varadaraj S, Shreeprakash B, BM Praveen, Bharath K Devendra	Investigation of Mechanical Properties Of Electrodeposited Nickel-Titanium Oxide-Functional Graphene Oxide Composite Coating	2023	International Journal of Latest Research in Engineering and Management	Volume 7 and Issue 2	----- -	Other	Yes	Yes	
2022											
1	Chemistry & Biochemistry	Surendra AS	Application of Rapd Barcodes In Establishing The Genetic Variations of	2022	Annals of Entomology	40(01): 37-46 (2022), Doc ID: https://connectjournals.com/01462.2022.40.37	4.22		YES		verified

			Lynx Spiders, <i>Oxyopes Javanus</i> Populations From The Different Parts of Karnataka, India								
2	Chemistry	P Hareesh Kumar et al	Synthesis	2022	ICARES 2022	MSRIT conference November 2022					
2	Chemistry	Bharath K. Devendra, B.M. Praveen, V.S. Tripathi, H.P. Prashanth Kumar, K.R. Chethana.	The development of platinum-rhodium alloy coatings on SS304 using a pulse/direct electrodeposition technique and their application to antibacterial activity	2022	Journal of the Indian Chemical Society	99:100466	0.243 (Q4)		Yes		Verified
3	Chemistry	Manohar R. Rathod, S.K. Rajappa, Ragini L. Minagalavar, B.M. Praveen, Bharath K. Devendra, A.A. Kittur	Investigation of African mangosteen leaves extract as an environment-friendly inhibitor for low carbon steel in 0.5 M H ₂ SO ₄	2022	Inorganic Chemistry Communications	140: 109488	3.943 (Q2)		Yes		Verified
4	Chemistry	Bharath K. Devendra, Praveen B.M., V.S. Tripathi, G. Nagaraju, B.M. Prasanna, M. Shashank	Development of rhodium coatings by electrodeposition for photocatalytic dye degradation	2022	Vacuum	205: 11460	4.11 (Q1)		Yes		Verified
5	Chemistry	Varadaraj S, Shreeprakash B, B.M. Praveen, Bharath K. Devendra	The effect of Graphene content on the corrosion and mechanical properties of an electrodeposited Ni-Graphene coating	2022	Applied Surface Science Advances	11: 100310	Q2		Yes		Verified
6	Chemistry	Bharath K. Devendra, M. Praveen, V.S. Tripathi, D.H. Nagaraju, Mahesh Padaki, H.P. Nagaswarupa, R. Hari Krishna	Advanced strategies for hydrogen generation by rhodium metal catalysts coated by the electrodeposition method	2022	Applied Surface Science Advances	12:100320	Q2		Yes		Verified
7	Chemistry	Varadaraj S, Shreeprakash B, B.M. Praveen, Bharath K. Devendra	The Characteristics of Electrodeposited Nickel composite coatings- A Review	2022	International Research Journal of Engineering and Technology (IRJET)	09:160-168	N/A		Yes		Verified
8	Chemistry	S P Smrithi, Nagaraju Kottam, Archana Narula, G M Madhu, R Agilan Pages 956-968	Carbon dots decorated cadmium sulphide heterojunction-nanospheres for the enhanced visible light driven photocatalytic dye degradation and hydrogen generation	2022	Journal of Colloid and Interface Science	627: 658-968 or Pages 956-968?	9.965		Yes		Verified
7	Chemistry	Usha Rani S R	Enhancement of Band Gap Energy and Crystallinity of Cu-MOFs Due to Doping of Nano Metal Oxide	2022	Advanced Materials Research	Volume (908)			Yes		Verified
8	Chemistry	Usha Rani S R	Modulation of Optical Band Gap of 2-Amino Terephthalic Acid Cu-MOFs Doped with Ag ₂ O and rGO	2022	Advanced Materials Research	Volume 1173			Yes		Verified
9	Chemistry	Usha Rani S R	Study on Optical Properties of Cu-MOF Nano Metal Oxide Composites	2022	Applied Mechanics and Materials	Volume (908)			Yes		Verified
10	Chemistry	Vibha Vinayakumar Bhat*, P.R. Chetana, Mohan A Dhale, Sreejit Soman	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	2022	Journal of Molecular Structure	1270 (2022) 133903	3.84		Yes		Verified
11											

1	Biochemistry	Ramya Kumari B S	Ongoing clinical and immunization trials for novel zoonotic covid-19 pandemic	2021	Sumerianz Journal of Biotechnology	Volume 4(2): 85-93. ISSN: 2617-3050. Available at www.sumerianz.com			Yes		Verified
2	Chemistry	Hareesh Kumar P, et al	Novel synthesis of Baclofen	2021	International Journal of ChemTech Research	259-262 V14N1CT.pdf (sphinxsai.com)	0.164	yes	Yes		verified
3	Chemistry	Ashly P.C. Shreya Sarkar, Saurav Ch. Sarma, Komalpreet Kaur, Ujjal K. Gautam, Sebastian C. Peter	Compressive strain induced by multiple phase distribution and atomic ordering in PdCu nanoparticles to enhanced ethanol oxidation reaction performance.	2021	Journal of Power Sources	506, 230168	9.72	SCOPUS	Yes		verified
4	Chemistry & Biochemistry	S G Prasanna Kumar	Role of NH4Cl as Flux on Photoluminescence Properties of Ca1-xZrO3:Eu(x = 0.05) Synthesized by Solution Combustion Route	2021	Asian Journal of Chemistry	https://doi.org/10.14233/ajchem.2021.23116	0.14	YES (Google Scholar)	2	yes	Verified
5	Chemistry	Bharath K. Devendra	Synthesis of morphological studies of nanocellulose fibers from lignocellulosic Biomass in ionic liquid	2022	Asian journal of chemistry	https://doi.org/10.14233/ajchem.2023.23999	0.23	Yes	Yes		verified
6	Biochemistry	Ramya Kumari B S	"Ongoing Clinical and Immunization Trials for Novel Zoonotic Covid -19 Pandemic"	2021	Sumerianz Journal of Biotechnology	Vol. 4, No. 2, pp. 85-93 DOI : doi.org/10.47752/sjb.42.85.93 ISSN(e): 2617-3050, ISSN(p): 2617-3123	0.33	YES (Google Scholar)		yes	verified

2020

1	Biochemistry	Dr. Vasanth K Bhaskara	Resveratrol, cancer and cancer stem cells: A review on past to future	2020	Current research in food science	Vol. 24 No. 3, , pp 284-295 DOI: 10.1016/j.crfs.2020.10.004 ISSN(e): 2709-9385, ISSN(p): 2709-9377	6.269	YES (PUBMED)/UGC	YES		
1											

2019

1	Biochemistry	Dr. Vasanth K Bhaskara	Aberrant signal transduction in Indian triple-negative breast cancer patients	2019	Journal of Cancer Research and Therapeutics	Vol. 15, No. 5, pp 1162-1166 DOI: 10.4103/jcrt.JCRT_803_16 ISSN(p): 0973-1482	1.331	YES (PUBMED)/UGC	YES		
2	Biochemistry	Malini M. R	Review on Pharmacological Properties of Pithecellobium Dulce Tree	2019	Research Journal of Lifesciences, Bioinformatics, Pharmaceuticals, and Chemical Sciences	ISSN 2454-6348. Page No; 263-271 DOI 10.26479/2019.0501.72		Google Scholar	yes		

BOOK Chapters

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 ?	https://doi.org/10.1016/B978-0-12-822265-2.00008-9	-	yes	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	https://doi.org/10.1016/B978-0-323-98807-0.00014-4		yes	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	https://doi.org/10.1007/978-981-19-4530-4_5	5	Yes	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	https://www.researchgate.net/publication/351617556_COVID-19_Genomics_and_Proteomics		YES			Verified
6	Langauges	Dr. Lakshmi V	Badi maa	2022	Meri zindagi kuch ankahi	ISBN-978-93-92-108-50-1			Book chapter	yes	

7	Languages	Dr. Lakshmi V	Anuraj Singh (Arjuna awardee)	2021	The Golden Book of world Records	ISBN-978-81-91119-12-6		Book chapter	yes	
8	Languages	Dr. Rohini Bai S	Adivasi sahitya samakaleen chunautiyan	2021	kahaniyan	ISBN-978-93-92928-05-5		Book chapter	yes	
9	Languages	Dr. Rohini Bai S	Third gender vimarsh	2022	Samakaleen chunautiyan	ISBN-978-93-92928-10-9		Book chapter	yes	
10	Languages	Dr. Rohini Bai S	Naveen shikshan padhathiyan	2021	Multilingualism	ISBN-978-93-5493-463-6		Book chapter	yes	
11	Languages	Dr. Padmaja MR & Dr. Shobha L	Meri zindagi kuch ankahi	2022	Meri zindagi kuch ankahi	ISBN-978-93-92-108-50-1		Book chapter	?	
12	Languages	Dr. Shobha L	Sathish Joshi (Arjuna awardee)	2021	Golden Book of world records	ISBN-978-81-91119-12-6		Book chapter	yes	
13	Languages	Dr. Shobha L	Radhakrishnan Dhamani	2020	Indian Corporates in covid -19	ISBN=978-93-02108-23-5		Book chapter	yes	
14	Languages	Prabhavathi J	Janapada vruthigayakaru-ondy adhyayana	2021	KLE college	ISBN-978-93-5526-247-9		UGC-Stried	yes	

BOOKS

No	Department	Name (S)	Book Title	Year	Publisher	ISBN:	Cite	RCASC Affiliation	1 st Page	Verify
1	Chemistry	Hareesh Kumar P, et al	An experimental treatise in organic synthesis https://www.amazon.sg/%20Experimental-Treatise-Organic-Synthesis-collection/dp/6203854220#detailBullets_feature_div	2021	Lambert Academic Press, Germany	ISBN-13 : 978-6203854220	NA		Yes	
								Yes		

Conferences

No	Department	Name (S)	Title	Year	Conference Name	Date:		RCASC Affiliation	1 st Page	Verify
1	Chemistry	Dr. Shashidhar Bharadwaj S., et.al.,	Eucalyptus Essential oils for microbial diseases and inflammation	2023	National Conference on Contextual Approaches in Applied Microbiology	9-6-2023		Yes		
2	Chemistry	Dr. Shashidhar Bharadwaj S., et.al.,	Targeting Viral N Protein through active phytochemicals of Ayurveda medicinal plants – a molecular docking study	2023	Recent Trends in Molecular Biology	30-6-2023		Yes		
3	Biochemistry	Vasanth Kumar Bhaskara, Indra Mohanam and Sanjeeva Mohanam	Effect of hypoxia and intermittent hypoxia on Hif-1 alpha-mediated neuroblastoma cell metastasis	2017	Integrated Approach to Diagnosis and Therapy in Cancer, MLA College for Women, Bengaluru, India 2017 PROCEEDINGS	(ISBN – 978-81-925437-6-5) 7 th to 8 th March 2017	YES	YES		
4	Biochemistry	Vasanth K Bhaskara et al.,	Aberrant cancer stem cell pathways in Indian Triple Negative Breast Cancer Patients.		First Indo-Australian Symposium on “Epithelial-Mesenchymal Transition”- New advances in cancer development” at IISc, Bengaluru	6 th October 2017				