

**K.S.R. COLLEGE OF ENGINEEING, TIRUCHENGODE – 637 215 (Autonomous)**

**Department: Chemistry**

**Journal Publications**

<b>Academic year</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Scopus/ WOS</b>	<b>Others</b>	<b>Total</b>
<b>2023 - 2024</b>	-	1	-	-	1	-	<b>1</b>
<b>2022 - 2023</b>	1	-	1	-	2	1	<b>3</b>
<b>2021 - 2022</b>	-	-	-	1	1	-	<b>1</b>
<b>2020 - 2021</b>	-	1	-	-	1	5	<b>6</b>
<b>2019 - 2020</b>	-	-	-	-	-	3	<b>3</b>
<b>2017 - 2018</b>	1	-	-	-	1	-	<b>1</b>
<b>Total</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>6</b>	<b>9</b>	<b>15</b>

### Journal Publications Details

Sl. No	Title of the Paper	Name of the Author/s	Name of the Journal	Vol No, Issue No & pp	Year and Month of Publication	Category Q1/Q2/ Q3/Q4	UGC Care list/Scopus/ Web of Science/other
<b>2023 - 2024</b>							
1.	Construction of SnO <sub>2</sub> /MWCNT nanocomposites as electrode materials for supercapacitor applications	P. Jayanthi,G. Saranya, J. Duraimurugan, Prabhu Sengodan, Siranjeevi Ravichandran, R. Usha & N. Bhuvaneshwari	Journal of Sol-Gel Science and Technology	Vol No. 108 & pp 112-119	July & 2023	Q2	UGC Care, Scopus and Web of science
<b>2022 - 2023</b>							
2.	Growth and characterization of cadmium mercury thiourea thiocyanate mixed crystals	M. Rajasekar and R. Veerasamy	Journal of Applied Science and Computations	Vol No. 9, Issue No. 11 & PP 248 - 255	Nov & 2022		UGC Care
3.	Greener and rapid synthesis of benzal-based Schiff base ligands as an efficient antibacterial, antioxidant, and anticancer agent	G. Saranya, K. Devendraprasad, P. Jayanthi, P. Shanmugapriya & N. Bhuvaneshwari	Synthetic Communications	Vol No. 53, Issue No. 4 & PP 316 - 331	Feb & 2023	Q3	UGC Care, Scopus and Web of science
4.	DFT calculations, molecular docking, in vitro antimicrobial and antidiabetic studies of green synthesized Schiff bases: as Covid-19 inhibitor	G. Saranya, K. Devendraprasad, P. Shanmugapriya & N. Bhuvaneshwari	Journal of Biomolecular Structure and Dynamics	DOI: 10.1080/07391102.2023.2175039	Feb & 2023	Q1	UGC Care, Scopus and Web of science
<b>2021 - 2022</b>							
5.	Growth, characterization and theoretical studies of cadmium (II) thiourea complexes: a comparative study	M. Rajasekar, K. Jayamoorthy, S.P. Meenakshisundaram, A. Aditya Prasad and K. I. Dhanalekshmi	Inorganic and Nano-Metal Chemistry	<a href="https://doi.org/10.1080/24701556.2021.1956965">https://doi.org/10.1080/24701556.2021.1956965</a>	July & 2021	Q4	UGC Care, Scopus and Web of science

2020 - 2021							
6.	Analytical Method Development and Validation of Stability Indicating assay method of analysis for Dolutegravir/Lamivudine/ Tenofovir Disoproxil Fumarate tablets using High Performance Liquid Chromatography	Tamilvanan Muthusamy R.Saravanan T.Somanathan D.Gavaskar	Research Journal of Pharmacy and Technology	Vol No. 14, Issue No.5 & PP 2434 – 2439	May & 2021	Q2	UGC Care, Scopus and Web of science
7.	GC-MS and HPLC analysis of Cocos nucifera (L.) flowers	Chinnasamy Chitra Vadivu, Mallipalayam Palanisamy Ambika Devi, Veluchamy Balakrishnan, Thirumalaisamy Sundari	International Journal of Botany Studies	Vol No. 5, Issue No. 6 & PP14-18	Nov & 2020		Web of science
8.	Phytochemical, antimicrobial and antioxidant studies of Cocos nucifera (L.) flowers	Chinnasamy Chitra Vadivu, Mallipalayam Palanisamy Ambika Devi, Veluchamy Balakrishnan and Thirumalaisamy Sundari	Asian Journal of Pharmacy and Pharmacology	Vol No. 6, Issue No. 5 & PP 337-343	Oct & 2020		UGC Care
9.	Phytochemical analysis and Colchicine concentration in cultivated Gloriosa superba L among different accessions of Tamil Nadu State, South India	JA Paul Jasmine, V Gurusamy, K Palanisamy, V Balakrishnan, T Sundari	International Journal of Botany Studies	Vol No. 5, Issue No. 4 & PP 170-175	Aug & 2020		Web of science
10.	Measurement of Acoustics in Kolli Hills-An Ecotourism Place of Eastern Ghats of Tamil Nadu State, South India	J. Karunamoorthi, K. Palanisamy, V. Gurusamy, V. Balakrishnan and T. Sundari	Indian Journal of Natural Sciences	Vol No. 10, Issue No. 61 & PP 27205 – 27213	Aug & 2020		Web of science
11.	Studies on the Antioxidants Activities in Gloriosa superba L. among Five Different Accessions of Tamil Nadu State, South India	J.A. PaulJasmine, V. Gurusamy, K. Palanisamy, V. Balakrishnan and T. Sundari	Indian Journal of Natural Sciences	Vol No. 10, Issue No. 61 & PP 27131 – 27140	Aug & 2020		Web of science

2019 - 2020						
12.	HPLC analysis of Gloriosa superba L., from five different accessions of Tamil Nadu state, India	J.A.Paul Jasmine , T. Sundari, V. Balakrishnan	Journal on New Biological Reports	Vol No. 9,Issue No. 2 & PP 223-227	May & 2020	UGC Care
13.	Analysis of Physico-Chemical Characteristics of Soil From Five Different Accessions of Gloriosa Superba L Cultivating Area	J.A. Paul Jasmine, T. Sundari and V. Balakrishnan	The International journal of analytical and experimental modal analysis	Vol No. 12,Issue No. 3 & PP 1982 – 1995	Mar & 2020	UGC Care
14.	Phytochemical analysis of Gloriosa superba L. using GC-MS from five different ecotypes of Tamilnadu state, India	J.A. Paul Jasmine, T. Sundari and V. Balakrishnan	Current Botany	Vol No. 11, Issue No. 6048 & pp 01-06	Feb & 2020	UGC Care
2017 - 2018						
15.	Synthesis of ZnO nanowire and ZnO/CeO <sub>2</sub> solid solution nanowire by biomorphing and its characterization	A. Sivakumar, B. Murugesan, A. Loganathan and P.Sivakumar	Journal of the Taiwan Institute of Chemical Engineers	Vol No.78 & PP 462-470	Sep & 2017	Q1 UGC Care, Scopus and Web of science