

# *St. Ann's College for Women*

(Autonomous), Affiliated to Osmania University  
Accredited by NAAC with A+ Grade (3<sup>rd</sup> cycle), CPE by UGC  
Mehdipatnam, Hyderabad.



## **CRITERION – III RESEARCH, INNOVATIONS & EXTENSION**

### **3.4 Research Publications & Awards**

**3.4.5 Bibliometrics of the publications  
Total number of Citations & Publications in Scopus**



**St. Ann's College for Women**  
 (Autonomous), Affiliated to Osmania University  
 Accredited 'A+' Grade by NAAC (3rd Cycle)  
 College with Potential for Excellence by UGC  
 ISO 9001: 2015-ISO 14001: 2015  
 Hyderabad- 500028, Telangana, India

### 3.4.5 Bibliometrics of the Publications during the last five years based on Paper Citations in Scopus


S.No	Authors	Title	Year	Source title	Cited by Scopus
1	Maddu S., Srivastava T., Katari N.K., Merugu K., Gundla R., Krishna Mohan S.	Studies on Ablative Performance of Silicone Low-Density Ablative Material	2023	Silicon	
2	Rani B.J., Kummari K.	Duality for fractional interval- valued optimization problem via convexificator	2023	OPSEARCH	1
3	Ray A., Mohan J.M., Amreen K., Dubey S.K., Javed A., Ponnalagu R.N., Goel S.	Ink-jet-printed CuO nanoparticle- enhanced miniaturized paper-based electrochemical platform for hypochlorite sensing	2023	Applied Nanoscience (Switzerland)	1
4	Prasad P., Kalam S., Sharma N.K., Podile A.R., Das S.N.	Phosphate solubilization and plant growth promotion by two Pantoea strains isolated from the flowers of Hedychium coronarium L.	2022	Frontiers in Agronomy	
5	Amreen K., Sujatha M.	Mesoporous Carbon Nanomaterial- Phytochemical Based Electro- active Composite Preparation and its Application for Selective Hydrazine Sensing	2022	Analytical and Bioanalytical Chemistry Research	
6	Singhal P., Satya S., N Naik S.	Effect of different drying techniques on the nutritional, antioxidant and cyanogenic profile of bamboo shoots	2022	Applied Food Research	8
7	Kaur M., Kaur H.,	Apps on Google Play Store to assist	2022	mHealth	1

	Rathi S., Ashwitha M., Joanna J., Reddy S., Idris B., Myrtle P., Kandamuru S., Fatima S., Joshi A.	in self-management of hypertension in Indian context: features analysis study			
8	Beulah G., Deepthimahanthi D., Simhachalam G., Chintagunta A.D., Sravya M.V.N., Kumar N.S.S.	Purification and characterisation of phytochemicals extracted from <i>Rhizophora mucronata</i> : Their efficacy against <i>Pseudomonas aeruginosa</i> infection in <i>Catla catla</i>	2022	Reviews in Analytical Chemistry	
9	Singhal P., Satya S., Naik S.N.	Fermented bamboo shoots: A complete nutritional, anti-nutritional and antioxidant profile of the sustainable and functional food to food security	2021	Food Chemistry: Molecular Sciences	15
10	Basu A., Prasad P., Das S.N., Kalam S., Sayyed R.Z., Reddy M.S., Enshasy H.E.	Plant growth promoting rhizobacteria (Pgpr) as green bioinoculants: Recent developments, constraints, and prospects	2021	Sustainability (Switzerland)	280
11	Pushpatha T., Nagaprasad S.	The predictive genetic algorithm (GA) load management mechanism for artificial intelligence system implementation (AI)	2021	Lecture Notes in Networks and Systems	
12	Lakshmi S.N., Paul M., Nagaprasad S.	A Nature-Inspired Solution to Managing Activities in the Cloud with Equal Time by Using Machine Learning Approach	2021	Lecture Notes on Data Engineering and Communications Technologies	
13	Aparna Y., Anuradha K., Jyothi C., Sri Manjari K., Challa A.K.	Bringing Real-World Microbiology Experiences to Undergraduate Students in Resource-Limited Environments	2020	Frontiers in Microbiology	1
14	Kalam S., Basu A., Ahmad I., Sayyed R.Z., El-Enshasy H.A., Dailin D.J., Suriani N.L.	Recent Understanding of Soil Acidobacteria and Their Ecological Significance: A Critical Review	2020	Frontiers in Microbiology	212
15	Govardhan K., Misra S., Narender G.	The effect of chemical reaction of a nano fluid past a permeable stretching sheet with MHD boundary layer flow and heat	2020	AIP Conference Proceedings	



		transfer			
16	Divya D., Beulah G., Rao K.G., Kumar N.S.S., Simhachalam G.	Phytochemical Screening of Avicennia marina Extracts and its Evaluation for Antioxidant and Antimicrobial Activities	2020	Indian Journal of Ecology	4
17	Beulah G., Divya D., Rao K.G., Kumar N.S.S., Simhachalam G.	Evaluation of Antimicrobial and Antioxidant Activity of Acanthus ilicifolius Leaf Extract	2020	Indian Journal of Ecology	4
18	Misra S., Govardhan K.	Influence of Chemical Reaction on the Heat and Mass Transfer of Nanofluid Flow over a Nonlinear Stretching Sheet: A Numerical Study	2020	International Journal of Applied Mechanics and Engineering	1
19	Rao Venkateshwar P., Ammanni S., Khairunnisa A.	Synthesis, spectral, physiological studies and application of metal complexes of a ligand 1,1-(5,5-(1e,1)-1,1-(propane-1,3-diylbis(azan-1-yl-1-ylidene) bis(ethane-1-yl-1-ylidene) bis(2,4-dihydroxy-5,1-phenylene) diethanone (PDEDPD) prepared from 1,2-diaminopropane and 4,6-diacetylresorcinol	2020	Research Journal of Chemistry and Environment	
20	Anitha, Kedarini S.	Determination of oil and grease present in the hussain sagarlake, hyderabad, telangana, india	2020	Ecology, Environment and Conservation	
21	Nagalingam S., Nithya T.V., Gayathri D., Sagarika A.S., Supriya G., Vidya D., Kiran Kumar B., Rasool A., Mir M.I.	Morphological, biochemical and plant growth promoting characterization of rhizobia isolated from root nodule of cajanus cajan l.	2020	Plant Archives	1
22	Misra S., Kamatam G.	Effect of magnetic field, heat generation and absorption on nanofluid flow over a nonlinear stretching sheet	2020	Beilstein Journal of Nanotechnology	10
					539



  
 Principal  
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