Faculty Publication – Journals (2019)

No. of Faculty	No. of SCI(E) Journals	No. of Faculty	No. of Scopus Journals	No. of Faculty	No. of UGC Journals	No. of Faculty	No. of Indexed Journals	Remarks
	24		16		2		2	Applied Surface Science*

S. No	Name(s) of Authors	Title of The Paper	Name of The Journal	Publisher	Volume & Issue Nos	SCI/Scopus/UGC indexed	Impact Factor	H-Index	Month Published
1	Poornavaishnavi C, Gowthami R, Srikanth K*, Bramhachari P.V, Venkatramaiah N	Nickel nanoparticles induces cytotoxicity, cell morphology and oxidative stress in bluegill sunfish (BF-2) cells	Applied Surface Science	Elsevier	483	SCI	5.15	159	Mar'19
2	M. Nagaraju, S. Anil Kumar, Palakolanu Sudhakar Reddy, Anuj Kumar, D. Manohar Rao, P. B. Kavi Kishor	Genome-scale identification, classification, and tissue specific expression analysis of late embryogenesis abundant (LEA) genes under abiotic stress conditions in Sorghum bicolor L	PLOS One	Public Library of Science	14:e0209980	SCI	2.76	268	
3	Venkatesh Kandula, Amareshwari Pudutha, P. Hima Kumari, S. Anil Kumar, P. B. Kavi Kishor, Roja Rani Anupalli	Overexpression of Sorghum plasma membrane-bound Na+/H+ antiporter-like protein (SbNHXLP) enhances salt tolerance in transgenic groundnut (Arachis hypogaea L.).	Plant Cell, Tissue and Organ Culture	Springer	138:325-337	SCI	2.2	74	
4	K. Srikanth, J. Venkateswara Rao, A. Ranga Rao	Trace elements in Endectyon fruticosa collected from a sewage outfall site, Therespuram, Tuticorin coast, India	International Journal of Environmental Science and Technology	Springer	https://doi.org/10.1007/s13762-019-02483-4	SCI	2.03	61	June'19
5	Dr. K. Prakash Narayana Reddy	A novel tandem repeat cloning technique for creation of multiple short peptide repeats to differentiate closely related antigens	Journal Of Immunological Methods	Elsevier	469	SCI	1.913	123	Feb'19
6	Dr. K. Prakash Narayana Reddy	IgY antibodies of chicken do not bind Staphylococcal binder of immunoglobulin (SBI) from Staphylococcal binder	Ann Microbiol	Springer	69(5)	SCI	1.431	37	Feb'19
7	Bheemareddy, B.R., Pulipeta, M., Iyer, P., **D. Vijaya Ramu**	Effect of the total galactose content on complement-dependent cytotoxicity of the therapeutic anti-CD20 IgG1 antibodies under temperature stress conditions	Journal of Carbohydrate Chemistry	Taylor & Francis	38(1), pp. 1-19	SCI	0.8	33	
8	Dr. A. Ranga Rao	Development of an aqueous scalable purification protocol for nattokinase with universal applicability for other bacillus-producing fibrinolytic enzymes.	CYTA Journal of Food	Taylor and Francis Inc.	17(1)	SCI	1.6	18	Apr'19
9	Dr. A. Ranga Rao	Industrial potential of carotenoid pigments from microalgae: current trends and future prospects	Critical Reviews in Food Science and Nutrition	Taylor and Francis Inc.	59(12),	SCI	6.7	135	Feb'19

10	Sumalatha Boddu, John Babu Dulla, Venkata Narayana Alugunulla, Anor A.Khan	An assessment on removal performance of arsenic with treated Turbinaria vulgaris as an adsorbent: Characterization, optimization, isotherm, and kinetics study	ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY	Wiley	DOI:10.1002/ ep.13313	SCI	1.59		May'19
11	R.P. Singha, Anjani Devi Chintagunta,**, Dinesh K. Agarwal, R.S. Kureel, S.P. Jeevan Kumar*	Varietal replacement rate: Prospects and challenges for global food security	Global Food Security	Elsevier	Published online on 6th October 2019	SCI	5.5	31	Oct'19
12	Nurubhasha, R., Sampath Kumar, N.S., Thirumalasetti, S.K., Simhachalam, G., **D. Vijaya Ramu**	Extraction and characterization of collagen from the skin of Pterygoplichthys pardalis and its potential application in food industries	Food Science and Biotechnology	Springer	Published online	SCI	0.9	30	
13	Sai Praveen D.S.S, Asha, S., Ravi Kumar, P	Simultaneous Determination of Alogliptin and Pioglitazone in Human Plasma by a Novel LC-MS/MS Method.	Current Pharmaceutical Analysis	Bentham &Science Publishers	Accepted	SCI E	0.859		Apr'19
14	Manoj, Kelath Murali, Abhinav Parashar, Vivian David Jacob, and Surjith Ramasamy	Aerobic respiration: proof of concept for the oxygen-centric murburn perspective	Journal Of Biomolecular Structure & Dynamics	Taylor & Francis	37 (17)	SCIE	3.31	58	Jan'19
15	M.Indira, T.C. Venkateswarulu, K. Abraham Peele, Md. Nazneen Bobby, S. Krupanidhi	Bioactive molecules of probiotic bacteria and their mechanism of action: a review	3 Biotech	Springer	9:306, ISSN 2190-572X	SCIE	1.786	19	July'19
16	Dr. A. Rangarao	Bioethanol production from agarophyte red seaweed, Gelidium elegans, using a novel sample preparation method for analysing bioethanol content by gas chromatography	3Biotech	Springer	9	SCIE	1.78	19	Jan'19
17	Dr. D. John Babu	Optimization of Cu(II) biosorption onto sea urchin test using response surface methodology and artificial neural networks	International Journal of Environmental Science and Technology		16	SCIE		61	June'19
18	Kelath Murali Manoj, Vidhu Soman, Vivian David Jacob, Abhinav Parashar, Daniel Andrew Gideon, Manish Kumar, Afsal Manekkathodi, Surjith Ramasamy, Kannan Pakshirajan, Nikolai Mikhailovich Bazhin	Chemiosmotic and murburn explanations for aerobic respiration: Predictive capabilities, structure-function correlations and chemico-physical logic	Archives of Biochemistry and Biophysics	Elsevier	676, 108128	SCIE	3.559	156	Oct'19
19	G.Kalaiarasi, S.Rex Jeya Rajkumar, S.Dharani, Nigam P. Rath, R.Prabhakaran	In vitro cytotoxicity of new water soluble copper(II) metallates containing 7-hydroxy-4-oxo-4H-chromene thiosemicarbazones	Polyhedron	Elsevier	Volume 173, 15 November 2019, 114120	SCIE	2.284	90	Aug'19
20	P. Maheshwari, Divya Kummari, Sudhakar Reddy Palakolanu, U. Nagasai Tejaswi, M. Nagaraju, G. Rajasheker, G. Jawahar, N. Jalaja, P. Rathnagiri, P. B. Kavi Kishor	"Genome-wide identification and expression profile analysis of nuclear factor Y family genes in Sorghum bicolor L. (Moench)"	PLOS ONE	PLoS	https://doi.org/10.1371/journal.pone.0222203.	SCIE	2.76	268	Oct'19
21	A.Ranganadhareddy	*Production of polyhydroxybutyrate from Acinetobacter nosocomialisRR20 strain using modified mineral salt medium: a statistical approach:*	International Journal of Environmental Science and Technology		16	SCIE	2.05	61	

22	T.C.Venkateswarulu	GC–MS analysis for compound identification in leaf extract of Lumnitzera racemosa and evaluation of its in vitro anticancer effect against MCF7 and HeLa cell lines	Journal of King Saud University - Science	Elsevier	Published online	SCI-E	2.835	27	July'19
23	T.C.Venkateswarulu	Studies on phytochemical, antioxidant, antimicrobial analysis and separation of bioactive leads of leaf extract from the selected mangroves	Journal of King Saud University - Science	Elsevier	Published online	SCI-E	2.835	27	Fen'19
24	T.C.Venkateswarulu	Removal of multiple metals using Tamarindus indica as biosorbent through optimization of process variables: A statistical approach	International Journal of Environmental Science and Technology	Springer	Published online	SCIE-E	2.035	61	Aug'19
25	G. Babul Reddy, Karuganti Sukumar, G. Muralitharan, G. Swarnabala, N. Venkata Raju, **Anjani Devi Chintagunta**	Isolation and characterization of extracellular β-D-fructan fructanohydrolase producing Trichoderma asperellum RSBR08	Research Journal of Biotechnology	World research Journal	Vol. 14 (11), November 2019	SCOPUS	0.22	13	Nov'19
26	M. Indira, T.C. Venkateswarulu, K. Abraham Peele, K. Vidya Prabhakar, S. Krupanidhi	Characterization of bacteriocin producing probiotic properties of enterococcus casseliflavus mi001 isolated from curd sample	Current Trends In Biotechnology And Pharmacy		13	SCOPUS		10	Jan'19
27	N. Venkata Raju, Sukumar K, Babul reddy, Pankaj PK, Muralitharan, Shanti A, Teja Sai, Dr. Anjani Devi Chintagunta*	In-Vitro Studies on Antitumour and Antimicrobial Activities of Methanolic Kernel Extract of Mangifera Indica L. Cultivar Banganapalli	Biomedical And Pharmacology Journal	Oriental Scientific Publishing Company	12	SCOPUS		12	Feb'19
28	Ashutosh Kumar, Dinesh Agarwal, Sunil Kumar, Mohan reddy, Anjani Devi Chintagunta, Saritha, Govind Pal, SP Jeevan Kumar	Nutraceuticals derived from seed storage proteins: Implications for health wellness	Biocatalysis And Agricultural Biotechnology	Elsevier	17	SCOPUS		23	Jan'19
29	Dr. A. Ranganadha Reddy	Comparative modeling studies of mpt51 protein	Current Trends In Biotechnology And Pharmacy		13	SCOPUS		10	Jan'19
30	T.C.Venkateswarulu, A Venkata Narayana (co-author)	Extraction of phycocyanin from Arthrospira Sp. and Screening of its antimicrobial potency against the selected pathogenic strains	CTBP	APB	Accepted	SCOPUS	NA		Nov'19
31	Charles David, M. Arivazhagan and Anushka Mishrra	Treatment of spent wash effluent using Kaolin immobilised nano ZnO photocatalyst and material characterisation	INDIAN CHEMICAL ENGINEER	Taylor and Francis Inc.	Published online	SCOPUS	NA	7	June'19
32	Venkata Narayana Alugunulla, Ranga Rao Ambati, John Babu Dulla, Chinna Venkateswarulu Thirupati, Abraham Pele Karlapudi and Sumalatha Boddu	Plackett-Burman design for screening of fermentation process parameters and their effects on Gamma Decalactone production by *Sporidiobolus salmonicolor*	Journal of Advanced Research in Dynamical and Control Systems	Institute of Advanced Scientific Research	Accepted	SCOPUS			Aug'19
33	A.Ranganadhareddy	Insilico Studies of Ras Protein in Cancer	CTBP	APB	13(3)	SCOPUS			July'19
34	A.Ranganadhareddy	Molecular Characterization of a Biopolymer Producing Bacterium Isolated from Sewage Sample	CTBP	APB	13(3)	SCOPUS			July'19
35	Sai Praveen D.S.S, Asha, S., Ravi Kumar, P	Simple and rapid liquid chromatography–tandem mass spectrometric (LC-MS/MS) method for the simultaneous determination of pioglitazone and glimepiride in human plasma.	CTBP	APB	13 (2)	SCOPUS		190	Apr'19

36	Sireesha Tanniru , Syed Asha and Malathi Jojula	Surreptitious TB Infections with Recently Identified DM People: A Cross-Sectional Study.	Infectious Disorders-Drug Targets	Bentham &Science Publishers	19(2)	SCOPUS		185	May'19
37	Jayalakshmi Uppu , Veerabhadra Swamy Challa ,.Ganga Modi Naidu Vegi and Asha, S.	).An Evaluation of Antioxidant Potential of Memecylon sisparense Gamble Leaf in Doxorubicin- Induced Cardiotoxicity in Mice".	CTBP	APB	13(1)	SCOPUS		41	Jan'19
38	T. Satish Kumar, D. Vijaya Ramu and **N.S. Sampath Kumar**	Preparation and Characterization of biodegradable collagen – chitosan scaffolds	Materials Today: Proceedings	Elsevier		SCOPUS		18	
39	**N.S. Sampath Kumar**, R. Sruthi Geetha, A. Thirumala Vasu, D. Vijaya Ramu	Performance assessment of biodiesel transesterified from Labeo rohita visceral oil using IC engine	CTBP	APB	13(4)	SCOPUS		10	
40	Nurubhasha, Ramesh; Dirisala, Vijaya R.; Thirumalasetti, Satish; Konatham, Hanumohan Reddy; G, Simhachalam; Ingilala, Satheesh; and Kumar, Sampath	Effect of Collagen Supplementation in Broiler Feed: Influence on Productive Performance and Muscle Quality in Broiler Chicken	*Karbala International Journal of Modern Science*	University of Kerbala	Vol. 5 (3)	SCOPUS			
41	T.C.Venkateswarulu, A Venkata Narayana (co-author)	GC-MS Analysis for Leaf Extract of Suaeda nudiflora and Screening of Their Invitro Antiproliferative Effect Against MCF 7 and HeLa cells	Agricultutre Research & Technology	JP	Accepted	Web of Science	NA		July'19
42	. G. Rajasheker, S. Anil Kumar, P. Hima Kumari, and P. B. Kavi Kishor	Bacterial cold shock proteins–the molecular chaperones for multiple stress tolerance	Advances in Biotechnology & Microbiology	Juniper	9275:57:00	WOS	0.734		
43	Dr. K. Sukesh	Interaction Of Fluconazole With Candida auris And Candida albicans Lanosterol 14 A- Demethylase (ERG11)	Research Journal Of Life Sciences, Bioinformatics, Pharmaceutical And Chemical Sciences		5	INDEXED			
44	Srikanth K*, Sukesh K, Rao R.A, Pavan G, Ravishankar A.G	Emerging Contaminants Effect on Aquatic Ecosystem: Human Health Risks-A Review	Agricultural Research & Technology	Juniper	19	INDEXED / WOS		24	