

3.4.5 Bibliometrics of publication based on average citation index in Scopus/ web of science / Pub Med

Dept Name	Name of Author	Title of the Paper	Journal Title	Year of Publication	Citation Index
CHEMISTRY	Dr.S.MANIVANNAN	Kinetics and mechanistic study of oxidation of alpha amino acid	Journal of Indian Chemical Society	May-20	0.4
CHEMISTRY	Dr.S.MANIVANNAN	leucine by TCICA in aqueous acetic acid medium			
CHEMISTRY	Dr.P.krishnamoorthy	Contemporary studies on Growth and characterization of	Journal of Molecular Structure	May-21	3.19
CHEMISTRY	Dr.P.krishnamoorthy	Magnesium doped gamma-glycine -A Potential optoelectronic NLO Material			
CHEMISTRY	Dr.G.Ramachandran	Effect of Sr ²⁺ substituted ferrite nanomaterials prepared by a simple microwave combustion method	Journal of superconductivity and novel magnetism	Jan-21	1.48
Computer Science	A Murugan	Analysing the effect of Dividened on the share prize using Data Mining Technique	Bulletin Monumental	Jul-20	
Computer Science	A Murugan	Serverless architecture for big data processing in enterprise data hub	PalArch's Journal of Archaeology of Egypt	Nov-20	
Computer Science	A Murugan	Why not XNOR?	International Journal of Engineering Technology Research and Management	Dec-20	
Computer Science	A Murugan	Memory Overlay Based Hybrid LRU Algorithm for Enterprise Data Hub	European Journal of Molecular & Clinical Medicine	2021	

Computer Science	A Murugan	Hybrid LRU Algorithm for Enterprise Data Hub using Serverless Architecture	Turkish Journal of Computer and Mathematics Education (TJCME)	Apr-21	
Computer Science	A Murugan	Enhancing Brute Force Algorithm for Motif Finding	International Journal of Engineering Technology Research and Management (IJETRM)	Sep 2021	
Computer Science	K.Shyamala	A Survey on Wireless Body Area Networks in Health Care Monitoring	International Journal of Engineering technology Research and management (IJETRM)	June 2020.	
Computer Science	K.Shyamala	Prediction of Cardiovascular Disease using proportional Conflict redistribution	Alochana Chakra Journal	June 2020	
Computer Science	K.Shyamala	Verb Identification using morphophonemic Rules in Tamil Language	ICTACT Journal of Soft Computing	October 2020	
Computer Science	K.Shyamala	Agent based Framework for the Analysis of Air Pollutant level using Data Mining Techniques in Chennai City	International Journal of Engineering Technology Research and Management (IJETRM)	Dec 2020	
Computer Science	K.Shyamala	Performance of HAF in attention-BiLSTM for predicting the quality of automobile ancillary suppliers	Journal of Mathematical and Computational Sciences	Feb-21	
MATHEMATICS	BALARAMA MURTHY S & KARTHIGEYAN S	Fuzzy Inventory Model with Quadratic Demand, Linear time dependent holding cost , Constant Deterioration rate & shortages	Malaya Journal of Mathematik	2020	
MATHEMATICS	G.PALANI & E.J.LALITH KUMAR	Dusty Gas Flow over a semi-infinite vertical cone	JP journal of Heat and Mass Transfer	2020	

MATHEMATICS	A.SAROJINI & G.PALANI	Effects of Pressure work over a semi-infinite vertical oscillating cylinder	International Journal of Applied Mechanics and Engineering	2020	
MATHEMATICS	M.RADHA KRISHNAN & G.PALANI	Effects of Mass Transfer on varying Viscosity and Thermal Diffusivity over a vertical plate with applied Magnetic field and heat flux	Solid state technology	2020	
MATHEMATICS	P.MURALI KRISHNA,R.VINODHKUMAR & G.PALANI	Some aspects on cubic fuzzy β -subalgebra of β -algebra	Journal of Physics:Conference series	2020	
MATHEMATICS	P.MURALI KRISHNA,R.VINODHKUMAR & G.PALANI	Applications of cubic level set on β -subalgebras	Advances in Mathematics: Scientific journal	2020	
MATHEMATICS	G.PALANI & SANTHANA KRISHNAN NARAYANAN	Exact solutions for couple stress fluid with slip boundary conditions in porous plane-poiseuille flow	International Journal of innovative science and technology	2020	
MATHEMATICS	G.PALANI & A.SAROJINI	Thermal radiation,Heat generation and solet effects on vertical oscillating cylinder	International Journal of innovative science and technology	2020	
MATHEMATICS	E.CHANDRASEKARA, GEORGE E.CHATZARAKIS, G.PALANI,E.THANDAPANI	Oscillation criteria for advanced difference equations of second order	Applied Mathematics and computation	2020	
STATISTICS	Dr. R. Lakshmi Priya	Comparative Study of Data Mining Classifiers with Different Attributes and Different Databases Domain	International Journal Of Data Mining And Emerging Technologies	2020	1

PHYSICS	Dr.S.Seshadri	Growth, structural,spectral, thermal, electrical and optical characterisation of a novel optical material: Triethanolamine picrate single crystals for optical applications	Chinese Journal of Physics	2020	2
PHYSICS	LYDIA CAROLINE MANOHAR	Spectroscopic and DFT studies, structural determination, chemical properties and molecular docking of 1-(3-bromo-2-thienyl)-3-[4-(dimethylamino)-phenyl] prop-2-en-1-one	Journal of Molecular Structure 1200, 127123	2020	8
PHYSICS	LYDIA CAROLINE MANOHAR	Crystal growth, spectroscopic, optical, thermal and hirshfeld surface analysis of glycinium hydrogen fumarate glycine solvate monohydrate (GHFGSM): A third harmonic nonlinear ...	Journal of Molecular Structure, 128187	2020	1
PHYSICS	LYDIA CAROLINE MANOHAR	Synthesis, growth, optical and third order nonlinear optical properties of l-Phenylalanine d-Mandelic acid single crystal for photonic device applications	Journal of Materials Science: Materials in Electronics 31 (22), 20460-20471	2020	6
PHYSICS	LYDIA CAROLINE MANOHAR	Linear and nonlinear optical investigation of l-arginium adipate single crystal for photonic applications	Journal of Materials Science: Materials in Electronics 31 (17), 14545-14552	2020	7

PHYSICS	S. Karthikeyan	Spectral profile index changes as biomarker of toxicity in <i>Catla catla</i> (Hamilton, 1822) edible fish studied using FTIR and principle component analysis	SN Applied Sciences https://doi.org/10.1007/s42452-020-3001-z	2020	2
PHYSICS	S. Karthikeyan	Mineralization changes substituted type B carbonate of PO ₄ ³⁻ ion in the bone minerals of an archaeological sample studied using fourier self deconvolution technique	Indian Journal of Biochemistry & Biophysics http://nopr.niscair.res.in/handle/123456789/54471	2020	5
PHYSICS	S. Karthikeyan	Effects of drying techniques on the physicochemical, functional, thermal, structural and rheological properties of mung bean (<i>Vigna radiata</i>) protein isolate powder	Food Research International https://doi.org/10.1016/j.foodres.2020.109783	2020	9
PHYSICS	S. Karthikeyan	Nitrogen influenced biomolecular changes on <i>Physalis L.</i> species studied using 2DCOS spectral analysis coupled with chemometric and Receiver operation characteristics analysis	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy https://doi.org/10.1016/j.saa.2020.119220	2020	1
PHYSICS	S. Karthikeyan	Toxicity mechanism of Cu ²⁺ ion individually and in combination with Zn ²⁺ ion in characterizing the molecular changes of <i>Staphylococcus aureus</i> studied using FTIR coupled with chemometric analysis	Journal of Biological Physics https://doi.org/10.1007/s10867-020-09560-7	2020	1
PHYSICS	S. Karthikeyan	Structural and rheological changes of texturized mung bean protein	Food Chemistry 344 https://doi.org/10.1016/j.foodc	2021	10

		induced by feed moisture during extrusion	hem.2020.128643		
PHYSICS	S. Karthikeyan	Two-trace two-dimensional (2T2D) correlation infrared spectral analysis of Spirulina platensis and its commercial food products coupled with chemometric analysis	Journal of Molecular Structure https://doi.org/10.1016/j.molstruc.2021.130964	2021	1
Visual Communication	Dr. C. Jebakumar and Jisha K	Whatsapp A Trend Setter in Mobile Communication among Chennai Youth	IOSR Journal of Humanities and Social Science Vol 19, Issue 9, Pages 1-6	2014	44
Visual Communication	Dr. C. Jebakumar	Virtual Learning Enviroment A Study of Virtual Learning Environment with reference to Perception of College Students in TamilNadu	ISSRN, Journal Communication Policy Research South , 4th Conference, Negombo, SriLanka	2009	9
Visual Communication	Dr. C. Jebakumar	A Study of Virtual Learning Environment with refernce to the Perceived Preparedness of College students in TamilNadu	4th CPR South Conference, Niigombo, SriLanka	2009	5
				TOTAL CITATION	58
ENGLISH	Dr. S Ruby Ebenezar	An analysis on the problems faced during the implementation of ICT in Higher Education Institutions, Tamilnadu	Sardar Patel Institute of Economic and Social Research; An UGC-CARE Approved Group – I Anvesak A (Multi-Disciplinary) bi-annual, bilingual Journal	January-June 2021	




 Principal
 Dr. Ambedkar Govt. Arts College
 Vyasarpadi, Chennai - 600 039