



# NEHRU ARTS AND SCIENCE COLLEGE

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Nehru Gardens, Thirumalayampalayam, Coimbatore - 641 105, Tamil Nadu.  
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## CRITERION III

### 3.4.5 & 3.4.6 Bibliometrics of Publications

S.No	Title of Paper	Name of the Journal	Year of Publication	Journal Indexed in	Citation
1	Perceptive Genetic Algorithm-Based Wolf Inspired Classifier for Big Sentiment Data Analysis	Journal of Theoretical and Applied Information Technology	2022	SCOPUS	NRV
2	The impact of entertainment amenities availability on hotel's performance	Webology	2022	SCOPUS	1
3	Enhanced visible light photocatalytic degradation of rhodamine B using Ni <sub>1-x</sub> Co <sub>x</sub> Fe <sub>2</sub> O <sub>4</sub> (0 ≤ x ≤ 0.5) nanoparticles: Performance, kinetics and mechanism	Materials Research Bulletin	2022	SCOPUS	3
4	A study on prevalence of obsessive-compulsive disorder	Xi'an ShiyouDaxueXuebao (ZiranKexue Ban)/Journal of Xi'an Shiyou University, Natural Sciences Edition	2022	SCOPUS	NRV
5	Growth prospects of franchising under current business scenario	Webology	2022	SCOPUS	NRV
6	QoS based softcomputing Techniques based techniques for evaluating efficient web service recommendation	International Journal of System assurance Engineering & Management	2022	SCOPUS, ESCI	1



  
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7	Enhanced Flower Pollination Algorithm for Edge Detection and its Application for Segmentation of Banana Leaf Disease Image	AMA, Agricultural Mechanization in Asia, Africa and Latin America	2022	SCOPUS, SCIE	NRV
8	Using PPI-GA for identifying protein complexes in protein-protein interaction networks	International Journal of Health Sciences	2022	SCOPUS, ESCI	NRV
9	Cloud Computing Data Security Challenges and Algorithms to Protect Security Issues	Journal of Human University Natural Sciences	2022	SCOPUS	NRV
10	Efficacy Of Two Competing Black Hole Detection Mechanism In Manets: ABIP And KNN Clustering With Fuzzy Inference	Webology	2022	SCOPUS	NRV
11	Regularized Isotonic Regression Based Jensen-Shannon Boosting Classification for Plant Leaf Disease Identification	Suranaree Journal of Science & Technology	2021	SCOPUS, ESCI	NRV
12	SMART CITIES USING MACHINE LEARNING AND IOT TECHNOLOGY FOR BUSINESS INTELLIGENCE	Journal of Positive School Psychology	2022	SCOPUS	NRV
13	RGO encapsulated ZnS photocatalysts for enhanced hydrogen evolution	Materials Letters	2022	SCOPUS, SCIE	NRV
14	Enhanced H <sub>2</sub> evolution of visible light active SnO <sub>2</sub> @ Mg nanoflower	Materials Today: Proceedings	2022	SCOPUS, SCIE	2



  
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S.No	Title of Paper	Name of the Journal	Year of Publication	Journal Indexed in	Citation
15	Systematic healthcare smart systems with the integration of the sensor using cloud computing techniques	IEEE Xplore	2022	SCOPUS	NRV
16	Physicochemical, techno-functional and structural properties of gluten-free crackers developed from sorghum ( <i>Sorghum bicolor</i> (L.) varieties	International Journal of Food Science and Technology	2022	SCOPUS, SCIE	1
17	Using PPI-GA for identifying protein complexes in protein-protein interaction networks	International Journal of Health Sciences (IJHS)	2022	SCOPUS	NRV
18	Smart Cities Using Machine Learning and IoT Technology for Business Intelligence	Journal of Positive School Psychology	2022	SCOPUS	NRV
19	Optimal code word generation based image compression technique using novel modified masking neighbourhood coding scheme	Design Engineering	2021	SCOPUS	NRV
20	Image classifications on covid 19 cxr images using auto color correlogram filter	Indian Journal of Computer Science and Engineering (IJCSE)	2021	SCOPUS	2
21	Influence of Thermal Radiation on Squeezing Flow of CopperWater Nanofluid between Parallel plates	Elsevier: Materials Today Proceedings	2021	SCOPUS	NRV



  
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22	Buoyancy driven second grade nano boundary layers over a catalytic surface with reaction rate, heat of reaction and activation energy at boundary	Elsevier: Case studies in thermal Engineering	2021	SCOPUS	7
23	"Assesment of free radical scavenging activity and inhibitory properties of aqueous extract of Cymodocea serrulata segrass towards $\alpha$ -glucosidase and $\alpha$ -amylase enzyme".	Journal of University of Shanghai for Science and Technology,	2021	SCOPUS	NRV
24	Facile synthesis of Cu1-xCoxFe2O4 ( $0 \leq x \leq 0.5$ ) nanoparticles with enhanced magnetic and photocatalytic performances for organic dye degradation	Advanced Powder Technology	2021	SCOPUS	2
25	Green synthesized zinc sulfide nanoparticles from Tridax procumbens plant extract for improved photocatalytic activity	Materials Today: Proceedings	2021	SCOPUS, SCIE	2
26	Investigation on the structural, optical and photocatalytic degradation properties of Zns/Mn: Zns thin films under visible light irradiation	Materials Today: Proceedings	2021	SCOPUS, SCIE	7



  
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S.No	Title of Paper	Name of the Journal	Year of Publication	Journal Indexed in	Citation
27	Nanoparticles as Antimicrobial Agents and Drug Delivery Systems - A Review	Journal of Pure and Applied Microbiology	2021	SCOPUS, ESCI	NRV
28	Evaluation of lignin waste as potential carriers for phosphate solubilizing bio-fertilizers: A zero waste technology	International Journal of Recycling of Organic Waste in Agriculture	2021	SCOPUS	NRV
29	Investigation of Mn doping concentration on the structural, optical, antimicrobial and dye degradation properties of ZnS thin films	Materials Today: Proceedings	2021	SCOPUS	6
30	Nitrogen doped 2D graphene/Zn <sub>3</sub> V <sub>2</sub> O <sub>8</sub> nanocomposite with enhanced supercapacitive features	Surfaces and Interfaces	2021	SCOPUS, SCIE	5
31	Design of zinc vanadate (Zn <sub>3</sub> V <sub>2</sub> O <sub>8</sub> )/nitrogen doped multiwall carbon nanotubes (N-MWCNT) towards supercapacitor electrode applications	Journal of electroanalytical Chemistry	2021	SCOPUS, SCIE	11
32	Controllable synthesis of ZnO nanorods at different temperatures for enhancement of dye-sensitized solar cell performance	Materials Letters	2020	SCOPUS, SCIE	12
33	Novel Study On Machine Learning Algorithms For Cloud Security	Journal of Critical Reviews	2020	SCOPUS	2



  
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S.No	Title of Paper	Name of the Journal	Year of Publication	Journal Indexed in	Citation
34	Effect of annealing temperature and Mn doping on the structural and optical properties of ZnS thin films for enhanced photocatalytic degradation under visible light irradiation	Inorganic Chemistry Communications	2020	SCOPUS, SCIE	20
35	A novel green synthesis approach for improved photocatalytic activity and antibacterial properties of zinc sulfide nanoparticles using plant extract of <i>Acalypha indica</i> and <i>Tridax procumbens</i>	Journal of Materials Science: Materials in Electronics	2020	SCOPUS, SCIE	20
36	Wet chemical mediated hematite $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles synthesis: Preparation, characterization and anticancer activity against human metastatic ovarian cancer	Journal of Alloys and Compounds	2020	SCOPUS	37
37	Cellulolytic bacteria isolation, screening and optimization of enzyme production from vermicompost of paper cup waste	Waste Management	2020	SCOPUS	20
38	In vitro Neutralization Potential of Metal-Herbal (Copper- <i>Leucas zeylanica</i> ) Nanocomposite (MHNC) against <i>Naja naja</i> and <i>Bungarus caeruleus</i> Venoms	International Journal of Research in Pharmaceutical Sciences	2020	SCOPUS	NRV
39	Biofilm Expressing Genes in Bacteria Causing Urinary Catheter Associated Infections	International Journal of Research in Pharmaceutical Sciences	2020	SCOPUS	NRV



  
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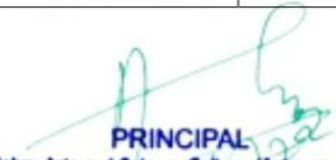
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40	Hydrothermally Synthesized Zinc Vanadate Rods for Electrochemical Supercapacitance Analysis in Various Aqueous Electrolytes	Journal of Inorganic and Organometallic Polymers and Materials	2020	SCOPUS, SCIE	7
41	Improved photocatalytic degradation of rhodamine B under visible light and magnetic properties using microwave combustion grown Ni doped copper ferrite spinel nanoparticles	Solid State Sciences	2020	SCOPUS, SCIE	20
42	Microwave-assisted combustion synthesis of pure and zinc-doped copper ferrite nanoparticles: Structural, morphological, optical, vibrational, and magnetic behavior	Journal of Physics and Chemistry of Solids	2020	SCOPUS, SCIE	41
43	Neutralizing potential of Rauvolfia serpentina root extract against Naja naja venom	Brazilian Journal of Pharmaceutical Sciences	2020	SCOPUS, SCIE	5
44	Study of topic modelling technique for biomedical document classification	Journal of Critical Reviews	2020	SCOPUS	NRV
45	Expression and purification of an immunogenic SUMO-OmpC fusion protein of Salmonella Typhimurium in Escherichia coli	Biologicals	2020	SCOPUS, SCIE	2
46	Propose of high performance resistive type H <sub>2</sub> S and CO <sub>2</sub> gas sensing response of reduced graphene oxide/titanium oxide (rGO/TiO <sub>2</sub> ) hybrid sensors	Journal of Materials Science: Materials in Electronics	2020	SCOPUS, SCIE	9



  
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47	Effect of annealing temperature on the structural, optical and dye degradation properties of cadmium sulfide thin films	Materials Today: Proceedings	2020	SCOPUS, SCIE	6
48	Enhanced photocatalytic and antibacterial activity of Cu: SnO <sub>2</sub> nanoparticles synthesized by microwave assisted method	Materials Today: Proceedings	2020	SCOPUS, SCIE	24
49	Diagnosis of Alzheimer's Disease using Wavelet Transform and Artificial Neural Network	Journal of Advanced Research in Dynamical & Control Systems	2019	SCOPUS	0
50	Blasius and Sakiadis slip flow of H <sub>2</sub> O–C <sub>2</sub> H <sub>6</sub> O <sub>2</sub> (50: 50) based nanoliquid with different geometry of boehmite alumina nanoparticles	Elsevier: Case studies in thermal Engineering	2019	SCOPUS, SCIE	24
51	Inhibition of membrane bound lipophilic ( <i>Borassus flabellifer</i> L.) peroxidase by phenolic compounds	International Journal of Biological Macromolecules	2019	SCOPUS, SCIE	NRV
52	Influence of (Cu, Al) doping concentration on the structural, optical and antimicrobial activity of ZnS thin films prepared by Sol-Gel dip coating techniques	Optik	2019	SCOPUS, SCIE	33
53	Purification and characterization of membrane-bound <i>Borassus flabellifer</i> L. thermostable peroxidase	Indian Journal of Biochemistry & Biophysics	2018	SCOPUS, SCIE	2



  
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54	Identification and Quantification of antivenom compounds from aqueous extract of <i>Cyclea peltata</i> root	Research Journal of Pharmacy and Technology	2018	SCOPUS	2
55	Characterization, antimicrobial activity and photocatalytic degradation properties of pure and biosynthesized zinc sulfide nanoparticles using plant extracts	Journal of Materials Science: Materials in Electronics	2018	SCOPUS, SCIE	16
56	Antibacterial activity of carbon nanoparticles isolated from chimney soot	IET Nanobiotechnology	2018	SCOPUS, SCIE	3
57	Enhanced hierarchical attribute based encryption with modular padding for improved public auditing in cloud computing using semantic ontology	Cluster Computing The Journal of Networks, Software Tools and Applications	2018	SCOPUS, SCIE	10
58	Antimicrobial activity and photocatalytic degradation properties of zinc sulfide nanoparticles synthesized by using plant extracts	Journal of Nanostructures	2018	SCOPUS, ESCI	28
59	Antitoxin Activity of Aqueous Extract of <i>Cyclea peltata</i> root against <i>Naja naja</i> venom	Indian Journal of Pharmacology	2017	SCOPUS	14

\* NRC - Not Received Yet

# SCIE - Science Citation Index Expanded

Ø ESCI - Emerging Science Citation Index



  
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