

INSTITUTE NAME : V.V.VANNIAPERUMAL COLLEGE FOR WOMEN

INDIA RANKING 2018 ID : IR-C-C-36487

RESEARCH AND PROFESSIONAL PRACTICE

Publications During the Previous Three Years in Scopus/ Web of Science or PUBMED

| S.No | Title of the Paper | Name of the Author | Title of the Journal | Year of Publication | Citation Index |
|------|--|--------------------|---|---------------------|----------------|
| 1 | Adaptive PET/CT Fusion Using Empirical Wavelet Transform | R.Barani | Advances in Intelligent Systems and Computing | 2018 | 0 |
| 2 | Synthesis, structural elucidation, catalytic, antibacterial and antioxidant activity of thiophene derived mixed ligand metal complexes | M.Vairalakshmi | Journal of the Chilean Chemical Society | 2018 | 0 |
| 3 | Attenuation of dilatational wave in ferromagnetic shape memory alloy polyurethane polymer composites | C.Mahalakshmi | Journal of Composite Materials | 2017 | 0 |
| 4 | The Japanese Fissidens neomagofukui (Bryophyta: Fissidentaceae) - New to India from the Western Ghats | R.Sreebha | Lindbergia | 2017 | 0 |
| 5 | Radiative transition probabilities, lifetimes and the vibrational temperature for the astrophysical molecule CaF | G.Shanmugapriya | New Astronomy | 2017 | 0 |
| 6 | The moss actinodontium adscendens - New to India from the Western Ghats | R.Sreebha | Acta Botanica Hungarica | 2017 | 0 |
| 7 | Evaluation of antiulcerogenic activity of methanol extracts of Brassica oleracea var. Capitata rubra on albino rat gastric ulceration | K.Sudha Rameshwari | Asian Journal of Pharmaceutical and Clinical Research | 2017 | 0 |
| 8 | Cuo/ZnO Nanorods: An Affordable Efficient p-n Heterojunction and Morphology Dependent Photocatalytic Activity against Organic Contaminants | S.Indhuja | Journal of Alloys and Compounds | 2017 | 5 |

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|------|--|--------------------|---|---------------------|----------------|
| 9 | One-pot Three-Component Synthesis of Bis(Indolyl)Methanes under Solvent-free condition using Heteropoly-11-tungsto-1-vanadophosphoric acid supported on Natural Clay as Catalyst | R.Annapoorani | An International Journal for Rapid Communication of Synthetic Organic Chemistry | 2017 | 0 |
| 10 | Preparation and Characterization of Nanographite- and CuO-based Absorber and Performance Evaluation of Solar Air-Heating Collector | T.Vasantha Malliga | Journal of Thermal Analysis and Calorimetry | 2017 | 0 |
| 11 | Ectropothecium sodale (hypnaceae, bryophyta) - New to India from the Peninsula | R.Sreebha | Acta Botanica Hungarica | 2017 | 0 |
| 12 | Kinetics of the Outer Sphere Oxidation of Thiourea by Heteropoly- α 2-17-Tungsto-1-Vanadodiphosphate Anion | M.Vairalakshmi | Transition Metal Chemistry | 2017 | 0 |
| 13 | Bandgap tailored TiO Thin films by Addition of SiO for Enhanced Photocatalytic Activity against Congo red under visible light illumination | M.Sankareswari | Asian Journal of Chemistry | 2017 | 0 |
| 14 | Bandgap tailored TiO thin films by addition of SiO for enhanced photocatalytic Activity against Congo Red under Visible Light Illumination | R.Vidhya | Asian Journal of Chemistry | 2017 | 0 |
| 15 | Bandgap tailored TiO thin films by addition of SiO for enhanced photocatalytic Activity against Congo Red under Visible Light Illumination | P.Malliga | Asian Journal of Chemistry | 2017 | 0 |
| 16 | Bandgap tailored TiO thin films by addition of SiO for enhanced photocatalytic Activity against Congo Red under Visible Light Illumination | I.Rathinamala | Asian Journal of Chemistry | 2017 | 0 |

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|------|---|--------------------|--|---------------------|----------------|
| 17 | Genus <i>Wijkia</i> (Sematophyllaceae, Bryophyta) in the Western Ghats of India | R.Sreebha | Acta Botanica Hungarica | 2016 | 0 |
| 18 | Additions to the Moss Flora of Peninsular India from the Western Ghats | R.Sreebha | Acta Botanica Hungarica | 2016 | 0 |
| 19 | Distribution and Invasiveness of a Colonial ascidian, <i>Didemnum psammathodes</i> , along the Southern Indian coastal water | M.Tamilselvi | Oceanologia | 2016 | 0 |
| 20 | Ascidians in coastal water: A comprehensive inventory of Ascidian Fauna from the Indian coast | M.Tamilselvi | Springer (Book), Kindle Edition | 2016 | 1 |
| 21 | <i>Syntrichia amphidiacea</i> (Pottiaceae) - New to India from the Western Ghats | R.Sreebha | Lindbergia | 2016 | 0 |
| 22 | <i>Cheilolejeunea obtusifolia</i> (Lejeuneaceae) new to the Indian Mainland from the Western Ghats | R.Sreebha | Acta Botanica Hungarica | 2016 | 0 |
| 23 | Rediscovery of a long-lost moss <i>Fissidens serratus</i> var. <i>serratus</i> in the Western Ghats of India | R.Sreebha | Acta Botanica Hungarica | 2016 | 0 |
| 24 | A Mathematical Model of HIV-1 Infection within Host cell to Cell Viral Transmissions | M.C.Maheswari | Journal of Applied Mathematics and Computing | 2016 | 2 |
| 25 | Hybrid Neural Network for Classification of Graph Structured Data | R.B.Gnana Jothi | International Journal of Machine Learning and Cybernetics | 2015 | 7 |
| 26 | Recognition of Semigraph Representation of Alphabets using Edge Based Hybrid Neural Network | R.B.Gnana Jothi | Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) | 2015 | 0 |
| 27 | Comparative study on Bioremediation of Heavy metals by Solitary ascidian, <i>Phallusia nigra</i> , between Thoothukudi and Vizhinjam Ports of India | M.Tamilselvi | Ecotoxicology and Environmental Safety | 2015 | 11 |

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| 28 | Hybrid Neural Network for Classification of Graph Structured Data | S.M.Meena Rani | International Journal of Machine Learning and Cybernetics | 2015 | 7 |
| 29 | Recognition of Semigraph Representation of Alphabets using Edge based Hybrid Neural Network | S.M.Meena Rani | Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) | 2015 | 0 |
| 30 | Proton-coupled ElectronTransfer Reactions: Kinetic Studies on the Oxidation of Dihydroxybenzenes by Heteropoly 10-Tungstodivanadophosphate in Aqueous Acidic Medium | M.Vairalakshmi | Transition Metal Chemistry | 2015 | 0 |
| 31 | Effects of polaron on Optical Properties of a Hydrogenic Impurity in a Confined Zn1-xCdxSe/ZnSe Polar Quantum Dot | A.Azhagu Parvathi | Journal of Optoelectronics and Advanced Materials | 2015 | 1 |
| 32 | Ceratole jeuneabelangeriana (Lejeuneaceae), new to India from the Western Ghats | R.Sreebha | Acta Botanica Hungarica | 2015 | 0 |
| 33 | A Detailed Analysis of Barium Oxide Molecular Lines in Sunspot Umbral Spectra | G.Shanmugapriya | Solar Physics | 2015 | 2 |
| 34 | Inhibition of quorum sensing mediated biofilm development and virulence in uropathogens by Hyptis suaveolens | R.Salini | Antonie van Leeuwenhoek, International Journal of General and Molecular Microbiolog | 2015 | 12 |
| 35 | Interference of quorum sensing in urinary pathogen Serratia marcescens by Anethum graveolens | R.Salini | Pathogens and Disease | 2015 | 13 |