

## JOURNAL PUBLICATIONS

### BIOCHEMISTRY

#### SCOPUS INDEXED JOURNALS

- Mrs. J.Sugunabai, *Phytochemical studies in ethanolic leaves extract of aloe vera using gas chromatography*, International Journal of Research in Pharmaceutical Science, Vol. X, Pg. no.1470-1473, 2019.
- Mrs.J.Sugunabai, *Anticancer activity of Aloe vera ethanolic extracts leaves extract against invitro cancer cells*, Research Journal Pharmacy and Technology Vol. XII, Pg. no.2167-2170, 2019.
- Mrs. J.Sugunabai, *Studies on hepatoprotective and anti-inflammatory activity of Coix lacryma jobi (Linn)*, Asian journal of Pharmaceutical and Clinical Research, Vol. XI, Pg. no.290-293, 2018.
- Mrs.J.Sugunabai, *Phytochemical screening of silver nanoparticles extract of Eugenia jambolana using fourier infrared spectroscopy*, International Journal of Research in Pharmaceutical Science, Vol. VIII, Pg. no.383-387, 2017.
- Mrs.J.Sugunabai, *Genotyping of angiotensin converting enzyme (ACE I) gene in study subject with hypertension and chronic kidney disease*, Research Journal of Pharmacy and pharmaceutical Science, Vol. X, Pg. no.2607-2610, 2017.

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- Mrs.J.Sugunabai, *Phytochemical Analysis of Cinnamomum zeylanicum Bark and Molecular Docking of Procyanidin B2 against the Transcription Factor Nf-  $\kappa$ B7*, Free Radicals and Antioxidants, Vol. VII, Pg. no 195-199, 2017.
- Mrs.J.Sugunabai, *Protective effect on Centella asiatica and Phyllanthus amarus on ethanol induced hepatotoxicity*, Asian Journal of Pharmaceutical sciences, Vol. I, Pg. no 15-19, 2015.

#### OTHER JOURNALS

- Mrs. J.Sugunabai, *Outlining of phytochemicals and GC-MS profile of bioactive compound in Centella asiatica*, International Journal of Pharmaceutics & Drug Analysis, Vol. VI, Pg. no.252-256, 2018.
- Mrs.J.Sugunabai, *Analysis of functional groups by FTIR and antioxidant potential of Centella asiatica*, World Journal of Pharmacy and Pharmaceutical Sciences, Vol. IV, Pg. no 1982-1993, 2015.

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- Miss.P.Kalaimathi, *Development and study of wound healing potential of a polyherbal formulation*, International Journal of Pharmaceutics & Drug Analysis, Vol. VI, Pg. no 219 - 224, 2018.
- Miss.C.Sangeetha, *Healing potential a polyherbal ointment experimentally created incision, excision &diabetic excision wound models*, International Journal of Pharmaceutics & DrugAnalysis, Vol. VI, Pg. no 237- 243, 2018.
- Miss.C.Sangeetha, *Phytochemical Analysis And In Vitro Antioxidant Activity Of Dolichos biflorus*, International Journal of Pharmaceutics & DrugAnalysis, Vol. VI, Pg. no 307 - 311, 2018.
- Miss.M.Leena, *Free radical scavenging and cytotoxic effect of Stachytarpheta indica. Vahl., against EAC cell lines*, International Journal of Pharmaceutics & DrugAnalysis, Vol. VI, Pg. no 210 - 214, 2018.
- Miss.M.Leena, *Screening of phyto chemical and glucose absorption inhibitory potential of-Vigna radiata(L.)*, International Journal Of Pharmaceutics & DrugAnalysis, Vol. VI, Pg. no 244 - 247, 2018.

## **BUSINESS ADMINISTRATION**

### **UGC REFEREED JOURNALS**

- Dr.R.Mangaiyarkarasi, *An analysis of growth and development of Textile industry in India*, Shanlax International journal of Arts, Science and Humanities, ISSN- 2321788x, Vol. IV, Pg. no. 207-212, 2017.
- Dr.R.Mangaiyarkarasi, *Investments in Indian Pharmaceutical Industry*, Shanlax International Journal of Commerce, ISSN- 2320 – 4168, Vol. V, Pg. no. 99-102, 2017.
- S.Vaishnavi, *An analysis of growth and development of Textile industry in India*, Shanlax International journal of Arts, Science and Humanities, ISSN - 2321788x, Vol. IV, Pg. no. 207-212, 2017
- S.Vaishnavi, *A study on conflict resolution mechanism among school students*, Shanlax International journal of Arts, Science and Humanities, ISSN - 2321788x ,Vol. IV, Pg. no. 186-189, 2017
- S.Saranya, *“Cotton Mechanization in India”*, Shanlax International journal of Arts, Science and Humanities, ISSN - 2321788x, Vol. IV, Pg. no. 266-268, 2017.

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- S.Vaishnavi, *Impact of GST on Banking Sector*, Applications of Management Research in Social Science, Engineering and Technology, ISBN- 978-93-526882-9-6, Pg. no. 333-336, 2018.
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- Dr.R.Mangaiyarkarasi, *The impact of change management practices on the performance of a private limited company in Tiruchirappalli*, Scenario of change management in business, Pg. no.110-114, 2016.
- Dr.R.Mangaiyarkarasi, *A study on Green Human Resource Management Practices at HCL Technologies Limited*, Green Management India and in Abroad (e book), ISBN 978-81-828603-2-2, Pg. no. 268-273, 2016.
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## BIO TECHNOLOGY

- Dr.J.Gowri, C. Pragathiswaran & P. Arockia Sahayaraj, *Physicochemical and Heavy Metal Analysis of the Leaf, Stem and Flower Extracts of Sphenoclea zeylanica*, Innovare journal of sciences, Vol.V, 28-31, 2017.
- J. Gowri, P.Arockia Sahayaraj & M. Amaladasan, *Antimicrobial activity of the Leaf, Flower and Stem Extracts of Sphenoclea zeylanica*, International Journal Applied Science Biotechnology, Vol. IV, 325-329, 2016.
- J. Gowri, P.Arockia Sahayaraj, A. Sheik Dawood & A. Angelin Prema, *Evaluation of phytochemical qualitative and quantitative analysis of Sphenoclea zeylanica*, World Journal of Pharmacy and Pharmaceutical Sciences, Vol. V, Pg. no. 1637-1646, 2016.
- P.Arockiasahayaraj, J.Gowri, V.Dharmalingam, R.Shobana, A.Angelin Prema, *Phytochemical screening by FTIR spectroscopic analysis of leaf and stem Extracts of wedelia biflora*, International Journal of Nano Corrosion Science and Engineering, Vo. II, Pg. no. 322-334, 2015.
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- P.Kamaladevi, *Lepidagathis cristata* Willd.(Acanthaceae): A review of its phytochemical and pharmacological activities, Medical Research Archives, 5(5): 1-8. ISSN - 2375-1924, 2017.
- T.Radhamani, *Screening of Preliminary Phytochemicals and their free radical scavenging activities of ethnolic extracts of Toddalia asiatica (L) Lam., Debregeasia longifolia (Burm.F.) Wedd. and Polygala arillata Buch-Ham Ex Don.* International Journal of Engineering Research and applications, 6(1): 151-160, ISSN- 2248 – 9622, 2016.
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- Ms.U.D.Lingeswari & Dr.T.Vimala, *Kinetics, isotherms and thermodynamic modeling of reactive blue 52 and reactive orange 107 dyes from aqueous solution using PANI-CoCl<sub>2</sub> as adsorbent,* Indian Journal of Chemistry Section A (Under Revision).
- Ms.U.D.Lingeswari & Dr.T.Vimala, *Adsorption study on removal of reactive blue 21 and reactive red 180 from aqueous solution using polyaniline CuCl<sub>2</sub> assisted by UV light,* Rasayan Journal of chemistry, Vol. XIII, 2020.

- Ms.U.D.Lingeswari & Dr.T.Vimala, *Isotherm, Kinetics and Thermodynamics study of adsorption of Phthalocyanin and Azo dyes by CoCl<sub>2</sub> doped polyaniline*, Asian Journal of Chemistry, Vol. XXXII, Pg. no.746-752, 2020.
- Ms.D.Anusha, Ms.U.D.Lingeswari & Dr.T.Vimala, *Kinetics, Thermodynamics and isotherm studies for the removal of Acidred88 from aqueous medium by polyaniline CuCl<sub>2</sub> composite*, Oriental Journal of Chemistry, Vol. XXXV, Pg. no.1774-1781, 2019.
- Mr.K.Karthikeyan, Dr.I.Rama, Dr.A.Subashini, Dr.C.Arunagiri & Mr.S.Selvakumar, *Crystal structure, hydrogen bonding, Hirshfeld surface analysis and inhibition efficiency of a Schiff base 2-methoxy-6-(naphthalene-2-yliminomethyl)-phenol*, Chemical Data Collections, Vol. XXV, Pg. no.100337, 2020.
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- Dr.G.Valarmathy, Dr.R.Subbalakshmi, R.Sumathi & Prof.R.Renganathan, *Synthesis of Schiff base ligand from N-substituted benzene sulfonamide and its complexes : Spectral, thermal, electro chemical behavior, fluorescence quenching, invitro-biological and in-vitro cytotoxic studies*, Journal of molecular structure, Vol. MCXCIX, 127029, 2019.
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- Ms.B.Rajeswari & Dr.R.Santhi, *Antibacterial and antifungal activities of some novel imines of tryptamine*, Materials today: Proceedings, Vol. XIV, Pg. no. 323–331, 2019.
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- Ms.B.Rajeswari, Dr.R.Santhi, Ms.P.Sivajeyanthi & Mr.K.Balasubramani, *Crystal structure and Hirshfeld Surface analysis of 2-(1H-indol-3-yl)ethanaminium acetate hemihydrates*, Acta Cryst. E, Vol. LXXV, Pg. no. 451-455, 2019.
- Dr.A.G.Anitha, Dr.A.Subashini & Dr.C.Arunagiri, *X-ray crystal structure, Hirshfeld surface analysis, DFT and electronic properties of (E)-4-chloro-N'-(2, 4-dihydroxy-benzylidene) benzohydrazide*, Chemical Data Collections, Vol. XIX, Pg. no. 100174, 2019.
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- Dr.R.Padmavathy, Ms.K.Dhanalakshmi & Dr.N.Radha, *Effect of Drug in non-aqueous peptide solutions using ultrasonic and biological studies*, International Journal of Pure and Applied Mathematics, Vol. CXIX, Pg. no. 2013-2020, 2018.
- Dr.C.Arunagiri, Ms.A.G.Anitha & Dr.A.Subashini, *Synthesis, single crystal, structure, vibrational spectroscopy, Hirshfeld analysis of (E)-4-toluic-N'-(2,4-dihydroxy-benzylidene)benzohydrazide*, Chemical Data Collections, Vol. XVII, Pg. no.169-177, 2018.
- Dr.S.Santhi & Ms.S.Amala, *Experimental and computational investigation of highly selective dual-channel chemosensor for Al(III) and Zn(II) ions: Construction of logic gates*, Journal of Chemical Sciences, Vol. CXXX, 153, Pg. no 1-13, 2018.
- Dr.S.Santhi & Ms.S.Amala, *Synthesis, Characterization, Fluorescence, Electrochemical, Antimicrobial and Cytotoxic studies of Cobalt(II), Nickel(II) and Copper(II) complexes with N-4-Methylphenyl(2,4-dihydroxyacetophenylideneimine)*, Oriental Journal of Chemistry, Vol.XXXIV, Pg. no. 2008-2016, 2018.
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- Dr.V.Gomathi & Dr.R.Selvameena, *Spectroscopic investigation, fluorescence quenching, in vitro antibacterial and cytotoxicity assay of Co(II) and Ni(II) complexes containing 4-((3-ethoxy-2-hydroxy benzylidene)amino)-N-(pyridin-2-yl) benzenesulfonamide*, Inorganica chimica acta, Vol. CDLXXX, Pg. no. 42-46. 2018.

- Dr.V.Gomathi & Dr.R.Selvameena, *Crystal structure of 4-amino-N-pyrimidin-2-yl benzene sulfonamide*, *Bulgarian chemical communication*, Vol. L, Pg. no. 33-36, 2018.
- Ms.S.Ahalya, Dr.G.Valarmathy & Dr..R.Subbalakshmi, *Synthesis, Spectral Characterization and biological Evaluation of Cu(II) Complexes with Schiff Bases Derived from 2-Aminobenzoic Acid*, *Asian Journal of Chemistry*, Vol. XXX, Pg. no. 913-916, 2018.
- Dr.C.Arunagiri, Ms.A.G.Anitha & Dr.A.Subashini, *Synthesis, X-ray crystal structure, vibrational spectroscopy, DFT calculations, electronic properties and Hirshfeld analysis of (E)-4-Bromo-N'-(2,4-dihydroxy-benzylidene)benzohydrazide*, *Journal of molecular structure*, Vol. MCLXIII, Pg. no. 368-378, 2018.
- Dr.G.Valarmathy, Dr.R.Subbalakshmi & Prof.R.Renganathan, *Synthesis of Schiff Base (E)-2-(((3-Hydroxyphenyl)imino)methyl)-6-methoxyphenol containing N and O donors and its metal complexes: Spectral, thermal, redox behaviour, fluorescence quenching, antimicrobial and anticancer studies*, *Asian Journal of Chemistry*, Vol.XXX, Pg. no. 645-650, 2018.
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- Dr.T.Vimala & Ms. U.D. Lingeswari, *Regeneration of carbonyl compounds by deoximation of Piperidine-4-one oximes with Quinolinium Fluorochromate in*



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- Dr.T.Vimala, Dr.R.Santhi & Ms.D.Anusha, *Microwave assisted deprotection of heterocyclic semicarbazones by quinolinium flurochromate*, Asian Journal of Chemistry, Vol. XXIX, Pg. no. 2296-2298, 2017.
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- Dr.D.Kalaivani, *2-methylpyridinium 5-(2,4-dinitrophenyl)- 6-oxo-2-thioxo-1,2,3,6-tetrahydropyrimidin- 4-olate: synthesis, crystal structure, and biological evaluation*, Journal of Structural Chemistry. Vol. 57, Pg. no. 985-990, 2016.
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- Dr.N.Radha, *Betalain and anthocyanin dye-sensitized solar cell*, Journal of applied Electrochemistry, Vol. XLVI, Pg. no.929-941, 2016.
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- N.Jeeva Jasmine, Dr.P.Thomas Muthiah, Dr.C.Arunagiri & Dr.A.Subashini, *Vibrational spectra (experimental and theoretical), molecular structure, natural bond orbital, HOMO–LUMO energy, Mulliken charge and thermodynamic analysis of N-hydroxy-pyrimidine-2-carboximidamide by DFT approach*, Spectrochimica Acta Part A: Molecular and Biomolecular spectroscopy, Vol. CXLIV, Pg. no. 215–225, 2015.
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#### WEB OF SCIENCE

- Ms.U.D.Lingeswari & Dr.T.Vimala, *Kinetics, isotherms and thermodynamic modeling of reactive blue 52 and reactive orange 107 dyes from aqueous solution using PANI-CoCl<sub>2</sub> as adsorbent*, Indian Journal of Chemistry Section A(Under Revision).
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- Ms.B.Rajeswari, Dr.R.Santhi, Ms.P.Sivajeyanthi & Mr.K.Balasubramani, *Crystal structure and Hirshfeld Surface analysis of 2-(1H-indol-3-yl)ethanaminium acetate hemihydrates*, Acta Cryst. E, Vol. LXXV, Pg. no. 451-455, 2019.
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- Dr.S.Santhi & Ms.S.Amala, *Synthesis,Characterisation,Analytical and cytotoxic studies of N,N-Bis(2-hydroxynaphthalidene)-4-chlorophenyl methanediamine and its Co (II),Ni(II) and Cu (II) complexes*, Chemistry select, Vol. III, Pg. no.7378-7384, 2018.
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