

S. No.	Author (s)	TR Impact Factor
1.	Bindu B., Vijayalakshmi S., Manikandan A.Synthesis and discovery of triazolo- pyridazine-6-yl-substituted piperazines as effective anti-diabetic drugs; evaluated over dipeptidyl peptidase-4 inhibition mechanism and insulinotropic activities.European Journal of Medicinal Chemistry. 187:111912.	4.833
2.	Ramachandran V, Anand M.A.V, David E, Prof. Venkatachalam G, Vijayakumar S, Sankaran V, Balupillai A, Sangeetha C.C, Dr. Gothandam K-M, Kotakadi V.S, Ghidan A, Al Antary T, Xu B. Antidiabetic activity of gold nanoparticles synthesized using wedelolactone in RIN-5F cell line.Antioxidants.9(1):8.	4.520
3.	Samarpita S., Kim J.Y., Rasool M.K., Kim K.S.Investigation of toll-like receptor (TLR) 4 inhibitor TAK-242 as a new potential anti-rheumatoid arthritis drugArthritis research & therapy.22(1):16.	4.148
4.	Dennis Bilavendran J., Manikandan A., Thangarasu P., Sivakumar K.Synthesis and discovery of pyrazolo- pyridine analogs as inflammation medications through pro- and anti- inflammatory cytokine and COX-2 inhibition assessments.Bioorganic Chemistry.94:103484.	3.926
5.	Agarwal H., Shanmugam V.A review on anti-inflammatory activity of green synthesized zinc oxide.Bioorganic Chemistry.;94:103423	3.926
6.	Singh P., Venkatesan A., Padmanabhan P., Gulyas B., Dass J F.P. Codon usage of human hepatitis C virus clearance genes in relation to its expression. Journal of Cellular Biochemistry.121(1):534-544.	3.448
7.	R Srimathi., Gurunathan J.Metabolites from the citrus extracts inhibit the activity of selected proteins in Indian Cobra (Naja naja) venom. Journal of Ethnopharmacology.252:112575.	3.414
8.	Mathan Kumar M., Tamizhselvi R.Protective effect of diallyl disulfide against cerulein-induced acute pancreatitis and associated lung injury in mice.International Immunopharmacology.80:106136.	3.361
9.	S Shankar., Vuppu S.In vitro drug metabolism and pharmacokinetics of a novel thiazolidinedione derivative, a potential anticancer compound.Journal of Pharmaceutical and Biomedical Analysis.;179:113000.	2.983
10.	Fatima R., Priya M., Indurthi L., Radhakrishnan V., Sudhakaran R. Biosynthesis of silver nanoparticles using red algae Portieria hornemannii and its antibacterial activity against fish pathogens. Microbial Pathogenesis.138:103780.	2.581
11.	Ranganathan V., Srinivasan S., Singh A., DeRosa M.C.An aptamer-based colorimetric lateral flow assay for the detection of human epidermal growth factor receptor 2 (HER2).Analytical Biochemistry.588:113471.	2.507
12.	Kumar S U., Kumar D T., R S., Doss C G.P., Zayed H. An extensive computational approach to analyze and characterize the functional mutations in the galactose- 1-phosphate uridyl transferase (GALT) protein responsible for classical galactosemia. Computers in Biology and Medicine117:103583.	2.286
13.	Akkara P.J., Sabina E.P. Pre-treatment with Beta Carotene Gives Protection Against Nephrotoxicity Induced by Bromobenzene via Modulation of Antioxidant System, Pro-inflammatory Cytokines and Pro-apoptotic Factors. Applied Biochemistry and Biotechnology. 190(2):616-633.	2.140

14.	Subramanian P., Gurunathan J. Differential Production of Pigments by Halophilic Bacteria Under the Effect of Salt and Evaluation of Their Antioxidant Activity. Applied Biochemistry and Biotechnology. 190(2):391-409.	2.140
15.	Karthikeyan K., Saranya R., Bharath R., Vidya R., Itami T., Sudhakaran R. A simple filter paper-based method for transporting and storing Enterocytozoon hepatopenaei DNA from infected Litopenaeus vannamei tissues. Journal of Invertebrate Pathology. 169:107305.	2.101
16.	Chatterjee A., Das R., Abraham J. Bioremediation of heavy metals from spent batteries using Aspergillus nomius JAMK1. International Journal of Environmental Science and Technology.17, 49–66.	2.031
17.	Saha P., Rao K.V.B. Biotransformation of Reactive Orange 16 by alkaliphilic bacterium Bacillus flexus VITSP6 and toxicity assessment of biotransformed metabolites. International Journal of Environmental Science and Technology.17, 99–114	2.031
18.	Nagarajan H., Narayanaswamy S., Vetrivel U. Mutational landscape screening of methylene tetrahydrofolate reductase to predict homocystinuria associated variants: An integrative computational approach. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis. 819-820:111687.	2.011
19.	Jyotsna, Vijayakumar P., Mani R., Raja S., Dhas T.S. Susceptibility of betanodavirus in a newly established vertebra-derived cell line from Mosquitofish (Gambusia affinis). Journal of Fish Diseases. 43(2):263-273.	1.988
20.	Andrew M., Jayaraman G. Structural features of microbial exopolysaccharides in relation to their antioxidant activity. Carbohydrate Research. 487:107881.	1.873
21.	Nanda H., Ponnusamy N., Odumpatta R., Jeyakanthan J., Mohanapriya A. Exploring genetic targets of psoriasis using genome wide association studies (GWAS) for drug repurposing. 3 Biotech. 487:107881.	1.786
22.	Vasudevan V., Siva R., Krishnan V., Manickavasagam M. Polyamines, sonication and vacuum infiltration enhances the Agrobacterium-mediated transformation in watermelon (Citrullus lanatus Thunb). South African Journal of Botany. 128:333-338	1.504
23.	Raguraman V., Suthindhiran K. Comparative ecotoxicity assessment of magnetosomes and magnetite nanoparticles. International Journal of Environmental Health Research. 30(1):13-25.	1.465
24.	Jain A., James N., Shanthi V., Ramanathan K. Design of ALK Inhibitors for Non-Small Cell Lung Cancer – A Fragment Based Approach. Indian Journal of Pharmaceutical Education and Research. 54(1):114-124	0.425
25.	Menon S., Agarwal H., Rajeshkumar S., Jacqueline Rosy P., Shanmugam V.K. Investigating the Antimicrobial Activities of the Biosynthesized Selenium Nanoparticles and Its Statistical Analysis. BioNanoScience. 10, pages122–135	
26.	Panchangam, R.L., Upputuri, R.T.P. In vitro biological activities of silver nanoparticles synthesized from scedosporium sp. Isolated from soil. Brazilian Journal of Pharmaceutical Sciences. 55: e00254.	
27.	Mandal, S.K., Ojha, N., Das, N. Role of yeast consortium for the remediation of perylene from aqueous environment: Process optimization. Journal of Microbiology, Biotechnology and Food Sciences 9(1):132-139	

28.	Indhumathi, S.V., Swetha, S., Janani, L.R., Preethi, K., Krithika, P. Evaluation of culinary plants by using ABST and MIC for pharmacological studies. International Journal of Scientific and Technology Research 8;12	
29.	Dash D.M., Osborne W.J. Rapid biodegradation and biofilm-mediated bioremoval of organophosphorus pesticides using an indigenous <i>Kosakonia oryzae</i> strain -VITPSCQ3 in a Vertical-flow Packed Bed Biofilm Bioreactor. Ecotoxicology and Environmental Safety. 192:110290.	4.527
30.	Ishaque N.M., Burgsdorf I., Malit J.J.L., Saha S., Teta R., Ewe D., Kannabiran K., Hrouzek P., Steindler L., Costantino V., Saurav K. Isolation, genomic and metabolomic characterization of <i>Streptomyces tendae</i> VITAKN with quorum sensing inhibitory activity from Southern India. Microorganisms.16;8(1):121.	4.167
31.	Thirumal Kumar D., Udhaya Kumar S., Nishaat Laeeque A.S., Apurva Abhay S., Bithia R., Magesh R., Kumar M., Zayed H., George Priya Doss C. Computational model to analyze and characterize the functional mutations of NOD2 protein causing inflammatory disorder – Blau syndrome. Advances in Protein Chemistry and Structural Biology. 120:379-408.	3.783
32.	Udhaya Kumar S., Thirumal Kumar D., Mandal P.D., Sankar S., Haldar R., Kamaraj B., Walter C.E.J., Siva R., George Priya Doss C., Zayed H. Comprehensive in silico screening and molecular dynamics studies of missense mutations in Sjogren- Larsson syndrome associated with the ALDH3A2 gene. Advances in Protein Chemistry and Structural Biology.120:349-377.	3.783
33.	Jayaraj R., Kumarasamy C., Sabarimurugan S., Madhav M.R., Shetty S.S., Baxi S. Conceptual interpretation of findings on systematic review and meta-analysis of altered-fractionation radiotherapy improves local control in the early-stage glottic carcinoma. Oral Oncology. 101:104319.	3.730
34.	Samarpita S., Ganesan R., Rasool M. Cyanidin prevents the hyperproliferative potential of fibroblast-like synoviocytes and disease progression via targeting IL-17A cytokine signalling in rheumatoid arthritis. Toxicology and Applied Pharmacology. 391:114917.	3.585
35.	Nagpal U., Kamalesh D., Raghuraman P., Ramireddy S., Sudandiradoss C. Delineating the folding perturbations and molecular mechanisms of Thr-Ala 642 mutation in Rab-GTPase activating protein Akt substrate of 160kDa and its impact on the aetiology. Journal of Biomolecular Structure and Dynamics.18;1-12.	3.310
36.	Thirumal Kumar D., Jain N., Udhaya Kumar S., George Priya Doss C., Zayed H. Identification of potential inhibitors against pathogenic missense mutations of PMM2 using a structure- based virtual screening approach. Journal of Biomolecular Structure and Dynamics. 39(1):171-187.	3.310
37.	Thabassum Akhtar Iqbal S., Tirupathi Pichiah P.B., Raja S., Arunachalam S. Paeonol Reverses Adriamycin Induced Cardiac Pathological Remodeling through Notch1 Signaling Reactivation in H9c2 Cells and Adult Zebrafish Heart. Chemical Research in Toxicology. 33(2):312-323.	3.274
38.	Sabarimurugan S., Madhav M.R., Kumarasamy C., Gupta A., Baxi S., Krishnan S., Jayaraj R. Prognostic Value of MicroRNAs in Stage II Colorectal Cancer Patients: A Systematic Review and Meta-Analysis. Molecular Diagnosis and Therapy. 24(1):15-30.	3.058

39.	Bajpai A.K., Davuluri S., Tiwary K., Narayanan S., Oguru S., Basavaraju K., Dayalan D., Thirumurugan K., Acharya K.K. Systematic comparison of the protein- protein interaction databases from a user's perspective. <i>Journal of Biomedical Informatics</i> . 103:103380.	2.950
40.	Sinha A., Eniyan K., Manohar P., Ramesh N., Bajpai U. Characterization and genome analysis of B1 sub-cluster mycobacteriophage PDRP _{xv} <i>Virus Research</i> .279:197884.	2.736
41.	Divya M., Govindarajan M., Karthikeyan S., Preetham E., Alharbi N.S., Kadaikunnan S., Khaled J.M., Almanaa T.N., Vaseeharan B. Antibiofilm and anticancer potential of β -glucan-binding protein-encrusted zinc oxide nanoparticles. <i>Microbial Pathogenesis</i> . 141:103992.	2.581
42.	Divya M., Karthikeyan S., Ravi C., Govindarajan M., Alharbi N.S., Kadaikunnan S., Khaled J.M., Almanaa T.N., Vaseeharan B. Isolation of β -glucan from <i>Eleusine coracana</i> and its antibiofilm, antidiabetic, antioxidant, and biocompatible activities. <i>Microbial Pathogenesis</i> .40:103955.	2.581
43.	Bavithra, G.; Azevedo, J.; Oliveira, F.; Morais, J.; Pinto, E.; Ferreira, I.M.P.L.V.O.; Vasconcelos, V.; Campos, A.; Almeida, C.M.R. Assessment of Constructed Wetlands' Potential for the Removal of Cyanobacteria and Microcystins (MC-LR). <i>Water</i> 2020, 12, 10.	2.524
44.	Sundar V., Senthil Kumar K.A., Manickam V., Ramasamy T. <i>Journal of Pharmacy and Pharmacology</i> .Current trends in pharmacological approaches for treatment and management of acute pancreatitis - a review. <i>J Pharm Pharmacol</i> . 72(6):761-775.	2.390
45.	Sabarimurugan S., Kumarasamy C., Royam Madhav M., Samiappan S., Jayaraj R. The significance of miRNAs as a prognostic biomarker for survival outcome in T cell – acute lymphoblastic leukemia patients: A systematic review and meta-analysis. <i>Cancer Management and Research</i> . 12:819-839.	2.243
46.	Mannully S.T., Rekha V.P.B., Singh N., Shanthi C., Pulicherla K.K. Purification and in vivo stability and half-life of recombinant lipid modified staphylokinase. <i>Biologicals</i> . 64:15-22.	1.960
47.	Gunasekaran B., Gothandam K.M. A review on edible vaccines and their prospects. <i>Brazilian Journal of Medical and Biological Research</i> . 53(2):e8749.	1.850
48.	Bhattarai A., Emerson I.A. Dynamic conformational flexibility and molecular interactions of intrinsically disordered proteins. <i>Journal of Biosciences</i> . 45:29.	1.823
49.	Ashok S.R., Shivananda M.K., Shet Prakash M., Sreenivasa S., Manikandan A. Synthesis and discovery of N-(1- methyl-4-oxo-4,5-dihydro-1H-imidazol- 2-yl)-[1,1'-biphenyl]-2-carboxamide derivatives as antimicrobial agents. <i>Journal of Heterocyclic Chemistry</i> . Volume57, Issue3	1.241
50.	Aggile K., Alagumuthu M., Kumar P., Napoleon A.A. Improved multicomponent, one-pot synthesis of functionalized tetrahydropyrans cardiovascular dysfunction regulators. <i>Journal of Heterocyclic Chemistry</i> . Volume57, Issue3	1.241
51.	Bilavendran J.D., Manikandan A., Thangarasu P. Synthesis and biological activities of nitro-hydroxy-phenylquinolines; validation of antibiotics effect over. <i>Journal of Heterocyclic Chemistry</i> . Volume57, Issue3	1.241
52.	Venkatraman K.L., Syed A.A., Indumathi P., Mehta A. VITPOR AI, a coagulation factor XIIa inhibitor from <i>Porphyra yezoensis</i> : In vivo mode of action and assessment of platelet function analysis. <i>Protein and Peptide Letters</i> . (3):243-250.	1.168

53.	Jacob J.J., Suthindhiran K. Immobilisation of lipase enzyme onto bacterial magnetosomes for stain removal. <i>Biotechnology Reports</i> . 25:e00422.	
54.	Loganathan G., Balamurugan A.N., Venugopal S. Human pancreatic tissue dissociation enzymes for islet isolation: Advances and clinical perspectives. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> . (2):159-166.	
55.	Annageldiyev C., Gowda K., Patel T., Bhattacharya P., Tan S.- F., Iyer S., Desai D., Dovat S., Feith D.J., Loughran T.P., Jr., Amin S., Claxton D., Sharma A. The novel Isatin analog KS99 targets stemness markers in acute myeloid leukemia. <i>Haematologica</i> . 105(3):687-696.	7.570
56.	Simkin A.J., Faralli M., Ramamoorthy S., Lawson T. Photosynthesis in non-foliar tissues: implications for yield. <i>Plant Journal</i> . 101(4):1001-1015.	5.726
57.	Sujitha S., Dinesh P., Rasool M. Berberine encapsulated PEG-coated liposomes attenuate Wnt1/ β -catenin signaling in rheumatoid arthritis via miR-23a activation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> . 149:170-191.	4.708
58.	Dinesh P., Kalaiselvan S., Sujitha S., Rasool M. MiR-145-5p mitigates dysregulated Wnt1/ β -catenin signaling pathway in rheumatoid arthritis. <i>International Immunopharmacology</i> . 82:106328.	3.361
59.	Debroy R., Miryala S.K., Naha A., Anbarasu A., Ramaiah S. Gene interaction network studies to decipher the multi-drug resistance mechanism in <i>Salmonella enterica</i> serovar Typhi CT18 reveal potential drug targets. <i>Microbial Pathogenesis</i> . 142:104096.	2.581
60.	Prajapati R., Emerson I.A. Global and regional connectivity analysis of resting-state function MRI brain images using graph theory in Parkinson's disease. <i>International Journal of Neuroscience</i> . 131(2):105-115.	1.852
61.	Shiny Matilda C., Madhusudan I., Gaurav Isola R., Shanthi C. Potential of proteomics to probe microbes. <i>Journal of Basic Microbiology</i> . 60(6):471-483.	1.760
62.	Singh J., Mehta A. Rapid and sensitive detection of mycotoxins by advanced and emerging analytical methods: A review. <i>Food Science and Nutrition</i> . 8(5):2183-2204.	1.747
63.	Rao A., Sathivelu A., Mythili S. Mini review on nanoimmobilization of lipase and cellulase for biofuel production. <i>Biofuels</i> . Volume 11, 2020 - Issue 2. Pages 191-200.	1.130
64.	Balaji L., Chittoor J.T., Jayaraman G. Optimization of extracellular lipase production by halotolerant <i>Bacillus</i> sp. VITL8 using factorial design and applicability of enzyme in pretreatment of food industry effluents. <i>Preparative Biochemistry and Biotechnology</i> . 50(7):708-716.	1.117
65.	Sundar R.D.V., Arunachalam S. Anti-inflammatory and antifungal activity of <i>Dracaena victoria</i> leaf extract. <i>Bangladesh Journal of Pharmacology</i> . 15 (1), 44-45.	0.811
66.	Sasikumar K., Dubey V., Ghosh A.R. Oleanolic acid from black raisins, <i>vitis vinifera</i> with antioxidant and antiproliferative potentials on hct 116 colon cancer cell line. <i>Brazilian Journal of Pharmaceutical Sciences</i> . 56:e17158	0.512
67.	Babu V., Devi C.S. A Statistical Application for the Enhanced Production of Streptokinase from a Mutant Strain <i>Streptococcus equinus</i> VIT_VB2. <i>National Academy Science Letters</i> .43, pages611–617(2020)	0.331

68.	Shankaran Z.S., Walter C.E.J., Prakash N., Ramachandiran K., C G.P.D., Johnson T. Investigating the role of microRNA-27a gene polymorphisms and its interactive effect with risk factors in gastrointestinal cancers. <i>Heliyon</i> . Volume 6, Issue 3, e03565.	
69.	Krishna L., Nilawar S., Ponnalagu M., Subramani M., Jayadev C., Shetty R., Chatterjee K., Das D. Fiber Diameter Differentially Regulates Function of Retinal Pigment and Corneal Epithelial Cells on Nanofibrous Tissue Scaffolds <i>ACS Applied Bio Materials</i> .2, 823–837.	
70.	Kumar M.S., Devlina D., Nilanjana D. Microbial and plant assisted remediation of Benzo[α]pyrene from soil and aqueous environment. <i>Research Journal of Chemistry and Environment</i> . 24(2):148-159.	
71.	Murugaiah V., Varghese P.M., Saleh S.M., Tsolaki A.G., Alokayan S.H., Khan H.A., Collison K.S., Sim R.B., Nal B., Al-Mohanna F.A., Kishore U. Complement-Independent Modulation of Influenza A Virus Infection by Factor H. <i>Frontiers in Immunology</i> .11:355.	4.716
72.	Tejwani S., Machiraju P., Nair A.P., Ghosh A., Das R.K., Ghosh A., Sethu S. Treatment of glaucoma by prostaglandin agonists and beta- blockers in combination directly reduces pro-fibrotic gene expression in trabecular meshwork. <i>Journal of Cellular and Molecular Medicine</i> . 24(9):5195-5204.	4.658
73.	Unni P.A., Lulu S.S., Pillai G.G. Computational strategies towards developing novel antimelanogenic agents. <i>Life Sciences</i> . 250:117602.	3.448
74.	Thirumal Kumar D., Jain N., Kumar S U., Jena P.P., Ramamoorthy S., Priya Doss C G., Zayed H. Molecular dynamics simulations to decipher the structural and functional consequences of pathogenic missense mutations in the galactosylceramidase (GALC) protein causing Krabbe's disease. <i>Journal of Biomolecular Structure and Dynamics</i> . 39(5):1795-1810.	3.310
75.	Walter C.E.J., Durairajan S., Periyandavan K., George Priya Doss C., Dicky John Davis G., Hannah Rachel Vasanthi A., Johnson T., Zayed H. Bladder neoplasms and NF- κ B: an unfathomed association. <i>Expert Review of Molecular Diagnostics</i> . 20(5):497-508.	3.099
76.	Vignesh A., Manigundan K., Santhoshkumar J., Shanmugasundaram T., Gopikrishnan V., Radhakrishnan M., Joseph J., Ayyasamy P.M., Kumar G.D., Meganathan R., Balagurunathan R. Microbial degradation, spectral analysis and toxicological assessment of malachite green by <i>Streptomyces chrestomyces</i> S20. <i>Bioprocess and Biosystems Engineering</i> . 43(8):1457-1468.	2.371
77.	Andavar S., Vaithilingam M., Selvaraj D., Kumaran A.A., Devanathan K. Design, Synthesis and Evaluation of Novel Substituted (5-methyl-1H- pyrazol-3-yl)- 1,3,4-oxadiazole as Potent Androgen Receptor Antagonist. <i>Anti-cancer agents in medicinal chemistry</i> .20(1):84-93.	2.180
78.	Rath K., Ranganathan P., Vasappa R.K., Balasundaram S.T. Superparamagnetic hematite nanoparticle: Cytogenetic impact on onion roots and seed germination response of major crop plants. <i>IET Nanobiotechnology</i> . (2):133-141.	1.925
79.	Ekambaram N., Ph.d., Varjani S., Ph.d., Goswami S., Singh U., Kapoor T. Chitosan-Based Silver Nanocomposite for Hexavalent- Chromium Removal from Tannery Industry Effluent Using a Packed- Bed Reactor. <i>Journal of Environmental Engineering (United States)</i> . 24(9):5195-5204.	1.657

80.	Kamarudheen N., Chacko S.P., George C.A., Chettiparambil Somachandran R., Rao. An ex-situ and in vitro approach towards the bioremediation of carcinogenic hexavalent chromium. <i>Preparative Biochemistry and Biotechnology</i> . 50(8):842-848.	1.117
81.	Sen S., Dasu V.V., Mahajan D. A high-alkaline protease from <i>Bacillus pseudofirmus</i> SVB1: Potential tool for green tannery. <i>International Journal of Environment and Waste Management</i> .25(3):298.	
82.	Aboti C., Sagade C., Mehta A., Lohana M. Adaptive irrigation system based on fuzzy logic. <i>International Journal of Scientific and Technology Research</i> .14(5):e0217499.	
83.	Aswathy S.H., Narendrakumar U., Manjubala I. Commercial hydrogels for biomedical applications. <i>Heliyon</i> . 6(4):e03719.	
84.	Thimiri Govinda Raj D.B., Khan N.A., Venkatachalam S., Arumugam S. Efficient Nanobiotechnology Method for Magnetic Lysosome Enrichment Using DMSA-SPMNP 2.0. <i>BioNanoScience</i> .10, 529–533.	
85.	Karthikeyan K., Sudhakaran R. Exploring the potentiality of <i>Artemia salina</i> to act as a reservoir for microsporidian <i>Enterocytozoon hepatopenaei</i> of penaeid shrimp. <i>Biocatalysis and Agricultural Biotechnology</i> .25:101607.	
86.	Sarkar G., K S. Extraction and characterization of alkaline protease from <i>Streptomyces</i> sp. GS-1 and its application as dehairing agent . <i>Biocatalysis and Agricultural Biotechnology</i> .25(1):101590.	
87.	Swarnkumar Reddy, Osborne W.J. Heavy metal determination and aquatic toxicity evaluation of textile dyes and effluents using <i>Artemia salina</i> . <i>Biocatalysis and Agricultural Biotechnology</i> .25:101574.	
88.	Gauthaman A., Moorthy A. Prevalence of K-ras Codon 12 Mutations in Indian Patients with Head and Neck Cancer. <i>Indian Journal of Clinical Biochemistry</i> .DOI: 10.1007/s12291-020-00882-w.	
89.	Loganathan G., Venugopal S., Balamurugan A.N. Trisected pancreas model for testing tissue dissociation enzyme combinations: a novel methodology for improving human. <i>Journal of Diabetes and Metabolic Disorders</i> .19(1):381-389.	
90.	Vijayarathy S., Suneetha V. Un-noticed infections that affects public health: A brief study. <i>International Journal of Research in Pharmaceutical Sciences</i> . Vol. 11 No. 2 .	
91.	Yang C.-T., Hattiholi A., Selvan S.T., Yan S.X., Fang W.-W., Chandrasekharan P., Koteswaraiah P., Herold C.J., Gulyás B., Aw S.E., He T., Ng D.C.E., Padmanabhan P. Bimodality probes of Gd enhanced T1- Weighted magnetic resonance/optical imaging. <i>Acta Biomaterialia</i> . 110:15-36.	6.638
92.	Udhaya Kumar S., Thirumal Kumar D., Siva R., George Priya Doss C., Younes S., Younes N., Sidenna M., Zayed H. Dysregulation of Signaling Pathways Due to Differentially Expressed Genes From the B-Cell Transcriptomes of Systemic Lupus Erythematosus Patients – A Bioinformatics Approach. <i>Frontiers in Bioengineering and Biotechnology</i> . 8:276.	5.122
93.	Sannigrahi S., Arumugasamy S.K., Mathiyarasu J., K S. Magnetosome-anti-Salmonella antibody complex based biosensor for the detection of <i>Salmonella typhimurium</i> . <i>Materials Science and Engineering C</i> . 114:111071.	4.959
94.	Dinesh P., Kalaiselvan S., Sujitha S., Rasool M. MiR-145-5p mitigates dysregulated Wnt1/ β -catenin signaling pathway in rheumatoid arthritis. <i>International Immunopharmacology. Journal of Cellular Physiology</i> . 82:106328.	4.522

95.	Chattopadhyay D., Thirumurugan K. Longevity-promoting efficacies of rutin in high fat diet fed <i>Drosophila melanogaster</i> . <i>Biogerontology</i> .21(5):653-668.	3.805
96.	Renu K., Prasanna P.L., Valsala Gopalakrishnan A. Coronaviruses pathogenesis, comorbidities and multi-organ damage – A review. <i>Life Sciences</i> . 255:117839.	3.448
97.	Prasanna P.L., Renu K., Valsala Gopalakrishnan A. New molecular and biochemical insights of doxorubicin-induced hepatotoxicity. <i>Life sciences</i> .250:117599.	3.448
98.	Sundar V., Tamizhselvi R. Inhibition of Rb phosphorylation leads to H2S-mediated inhibition of NF- κ B in acute pancreatitis and associated lung injury in mice. <i>Pancreatology</i> .(4):647-658.	3.241
99.	Odumpatta R., Mohanapriya A. Next generation sequencing exome data analysis aids in the discovery of SNP and INDEL patterns in Parkinson's disease. <i>Genomics</i> . 112(5):3722-3728.	3.160
100.	Kochhar P., Manikandan C., Ravikumar G., Dwarkanath P., Sheela C.N., George S., Thomas A., Crasta J., Thomas T., Kurpad A.V., Mukhopadhyay A. Placental expression of leptin: fetal sex-independent relation with human placental growth. <i>European Journal of Clinical Nutrition</i> .74(11):1603-1612.	3.114
101.	Naha A., Kumar Miryala S., Debroy R., Ramaiah S., Anbarasu A. Elucidating the multi-drug resistance mechanism of <i>Enterococcus faecalis</i> V583: A gene interaction network analysis. <i>Gene</i> . 748:144704.	2.638
102.	Vijayakumar S., Vinayagam R., Anand M.A.V., Venkatachalam K., Saravanakumar K., Wang M.-H., Casimeer C S., KM G., David E. Green synthesis of gold nanoparticle using <i>Eclipta alba</i> and its antidiabetic activities through regulation of Bcl-2 expression in pancreatic cell line. <i>Journal of Drug Delivery Science and Technology</i> .58:101786.	2.606
103.	Srinivasan E., Rajasekaran R. A Systematic and Comprehensive Review on Disease-Causing Genes in Amyotrophic Lateral Sclerosis. <i>Journal of Molecular Neuroscience</i> .70(11):1742-1770.	2.577
104.	Mahapatra S., Manian R. Enhancement, production, and immobilization of beta-glucosidase from <i>Zobellella denitrificans</i> VIT SB117 and its utilization in bioethanol production from lignocellulosic feedstock. <i>Biomass Conversion and Biorefinery</i> . DOI: 10.1007/s13399-020-00718-w.	2.326
105.	Thiyagarajulu N., Arumugam S. Green Synthesis of Reduced Graphene oxide Nanosheets Using Leaf Extract of <i>Lantana camara</i> and Its In-Vitro Biological Activities. <i>Journal of Cluster Science</i> . DOI: 10.1007/s10876-020-018147.	2.125
106.	D. Prabhu Y., Valsala Gopalakrishnan A. γ -Linolenic acid ameliorates DHEA induced pro-inflammatory response in polycystic ovary syndrome via PPAR- γ signaling in rats. <i>Reproductive Biology</i> .20(3):348-356.	1.880
107.	Rambabu M., Jayanthi S. Screening approaches against claudin-4 focusing on therapeutics through molecular docking and the analysis of their relative dynamics: a theoretical approach. <i>Journal of Receptors and Signal Transduction</i> .40(5):436-441.	1.629
108.	Thirugnanasambantham K., Prabu G., Mandal A.K.A. Synergistic effect of cytokinin and gibberellins stimulates release of dormancy in tea (<i>Camellia sinensis</i> (L.)). <i>Physiology and Molecular Biology of Plants</i> .26(5):1035-1045.	1.539

109.	Kalathinathan P., Kodiveri Muthukaliannan G.A statistical approach for enhanced production of β -galactosidase from <i>Paracoccus</i> sp. and synthesis of galacto-oligosaccharides. <i>Folia Microbiologica</i> .65(5):811-822.	1.448
110.	Ranade S.S., Ramalingam R.Hydrogen bonds in anoplin peptides aid in identification of a structurally stable therapeutic drug scaffold. <i>Journal of Molecular Modeling</i> . 26(6):155.	1.335
111.	Reddy S., Osborne J.W.Biodegradation and biosorption of Reactive Red 120 dye by immobilized <i>Pseudomonas guariconensis</i> : Kinetic and toxicity study. <i>Water Environment Research</i> .92(8):1230-1241.	1.240
112.	Nataraj N.B., Sukumaran S.K., Sambasivam G., Sudhakaran R.Truncated Thioredoxin Peptides Serves as an Efficient Fusion Tag for Production of Proinsulin. <i>Protein and peptide letters</i> .27(5):419-431.	1.168
113.	Agarwal H., Menon S., Shanmugam V.K.Functionalization of zinc oxide nanoparticles using <i>Mucuna pruriens</i> and its antibacterial activity. <i>Surfaces and Interfaces</i> .Volume 19,100521,ISSN 2468-0230.	
114.	Mathew P.N., Das S.K., Tiwari G., Das A.K., Suneetha V.Citric acid fermentation from spoiled fruits and vegetables. <i>International Journal of Scientific and Technology Research</i> .VOLUME 9, ISSUE 04, ISSN 2277-8616.	
115.	Panchal N.K., Bhale A., Chowdary R., Verma V.K., Beevi S.S.PCR amplifiable DNA from breast disease FFPE section for mutational analysis. <i>Journal of Biomolecular Techniques</i> .31(1):1-6.	
116.	Reddy R., Jose T.G., Kingsley D.Inhalant abuses in India: A review. <i>Indian Journal of Forensic Medicine and Toxicology</i> .14(1):1441.	
117.	Miryala S.K., Anbarasu A., Ramaiah S.Gene interaction network approach to elucidate the multidrug resistance mechanisms in the pathogenic bacterial strain <i>Proteus mirabilis</i> . <i>Journal of Cellular Physiology</i> .236(1):468-479.	4.522
118.	Panchal N.K., Sabina E.P.A serine/threonine protein PIM kinase as a biomarker of cancer and a target for anti-tumor therapy. <i>Life Sciences</i> .255:117866.	3.448
119.	Borthakur A., D Prabhu Y., Valsala Gopalakrishnan A.Role of IL-6 signalling in Polycystic Ovarian Syndrome associated inflammation. <i>Journal of Reproductive Immunology</i> .141:103155.	2.654
120.	Mangrolia U., Osborne W.J. <i>Staphylococcus xylosus</i> VITURAJ10: Pyrrolo [1,2 α] pyrazine-1,4-dione, hexahydro-3-(2-methylpropyl) (PPDHMP) producing, potential probiotic strain with antibacterial and anticancer activity. <i>Microbial Pathogenesis</i> .147:104259.	2.581
121.	Yuvashree M., Ganesh R.N., Viswanathan P.Potential application of nanoemulsified garlic oil blend in mitigating the progression of type 2 diabetes- mediated nephropathy in Wistar rats. <i>3 Biotech</i> .10(6):272.	1.786
122.	Srinivasan E., Natarajan N., Rajasekaran R.TTRMDB: A database for structural and functional analysis on the impact of SNPs over transthyretin (TTR) using bioinformatic tools. <i>Computational Biology and Chemistry</i> .25;87:107290.	1.581
123.	Bhattarai A., Emerson I.A.Computational investigations on the dynamic binding effect of molecular tweezer CLR01 toward intrinsically disordered HIV-1 Nef. <i>Biotechnology and Applied Biochemistry</i> .doi: 10.1002/bab.1957.	1.559

124.	Mathiyazhagan J., Kodiveri Muthukaliannan. The role of mTOR and oral intervention of combined <i>Zingiber officinale</i> -Journal of Food Biochemistry.44(7):e13250.	1.358
125.	Joghee N.N., Jayaraman G., Selladurai M. Ne-Acetyl L- α Lysine Improves Activity and Stability of α -Amylase at Acidic Conditions: A Comparative Study with other Osmolytes. Protein and peptide letters.27(6):551-556.	1.168
126.	Sundar R.D.V., Arunachalam S. Antibacterial activity of <i>Dracaena colorama</i> . Bangladesh Journal of Pharmacology. Vol. 15, no. 2, pp. 71-73.	0.811
127.	Vaithiyalingam M., Chacko S.J., Anbalagan N., Siddique J.F. Clot buster enzyme activity from bacillus sp. Indian Journal of Pharmaceutical Education and Research. 54(2s):s374-s380.	0.425
128.	Hiray K.S., Krishnan S.P. Synthesis and characterization of un-encapsulated and pterostilbene-encapsulated DOTAP: Cholesterol liposomes Indian Journal of Pharmaceutical Education and Research. 54(2s):s182-s188.	0.425
129.	Ranjan S., Dasgupta N., Verma P., Ramalingam C. Acute and sub-chronic toxicity of titanium dioxide nanoparticles synthesized by microwave-irradiation-assisted hybrid chemical approach. Journal of the Indian Chemical Society 97:483-491.	0.158
130.	Yang C.-T., Hattiholi A., Selvan S.T., Yan S.X., Fang W.-W., Chandrasekharan P., Koteswaraiah P., Herold C.J., Gulyás B., Aw S.E., He T., Ng D.C.E., Padmanabhan P. Gadolinium-based bimodal probes to enhance T1-Weighted magnetic resonance/optical imaging. Acta Biomaterialia. 110:15-36.	7.242
131.	Karthikeyan V., Vickram A.S., Manian R. Estimation of varicocele associated human ARG2 and NOS1 proteins and computational analysis on the effect of its nsSNPs. International Journal of Biological Macromolecules. 164:735-747.	5.162
132.	Angelin J., Kavitha M. Exopolysaccharides from probiotic bacteria and their health potential. International Journal of Biological Macromolecules. 162:853-865.	5.162
133.	Murugaiah V., Agostinis C., Varghese P.M., Belmonte B., Vieni S., Alaql F.A., Alrokayan S.H., Khan H.A., Kaur A., Roberts T., Madan T., Bulla R., Kishore U. Hyaluronic Acid Present in the Tumor Microenvironment Can Negate the Pro-apoptotic Effect of a Recombinant Fragment of Human Surfactant Protein D on Breast Cancer Cells. Frontiers in Immunology. 11:1171.	5.085
134.	Rajesh Kumar M., Violet Dhayabaran V., Sudhapriya N., Manikandan A., Gideon D.A., Annappoorani S. p-TSA.H ₂ O mediated one-pot, multi-component synthesis of isatin derived imidazoles as dual-purpose drugs against inflammation and cancer. Bioorganic Chemistry. 102:104046.	4.831
135.	Banerjee K., Madhyastha H., Sandur V. R., Manikandanath N.T., Thiagarajan N., Anti-inflammatory and wound healing potential of a clove oil emulsion. Colloids and Surfaces B: Biointerfaces. https://doi.org/10.1016/j.colsurfb.2020.111102	4.389
136.	Manohar P., Loh B., Athira S., Nachimuthu R., Hua X., Welburn S.C., Leptihn S. Secondary Bacterial Infections During Pulmonary Viral Disease: Phage Therapeutics as Alternatives to Antibiotics? Frontiers in Microbiology 11: 1434.	4.235
137.	Udhaya Kumar S., Thirumal Kumar D., Siva R., George Priya Doss C. Kerala, India's Front Runner in Novel Coronavirus Disease (COVID-19) Frontiers in Medicine https://doi.org/10.3389/fmed.2020.00355	3.9

138.	Dubey V., Mishra A.K., Ghosh A.R. Cell adherence efficacy of probiotic <i>Pediococcus pentosaceus</i> GS4 (MTCC 12683) and demonstrable role of its surface layer protein (Slp). <i>Journal of Proteomics</i> . https://doi.org/10.1016/j.jprot.2020.103894	3.509
139.	Udhaya Kumar S., Thirumal Kumar D., Bithia R., Sankar S., Magesh R., Sidenna M., George Priya Doss C., Zayed H. Analysis of differentially expressed genes and molecular pathways in familial hypercholesterolemia involved in atherosclerosis: A systematic and bioinformatics approach. <i>Frontiers in Genetics</i> . https://doi.org/10.3389/fgene.2020.00734	3.258
140.	Sruthilaxmi C.B., Babu S. Proteome Responses to Individual Pathogens and Abiotic Conditions in Rice Seedlings. <i>Phytopathology</i> . 110(7):1326-1341.	3.234
141.	Datta S., Rajnish K.N., George Priya Doss C., Melvin Samuel S., Selvarajan E., Zayed H. Enzyme therapy: a forerunner in catalyzing a healthy society? <i>Expert Opinion on Biological Therapy</i> . 20(10):1151-1174.	3.224
142.	Mahalakshmi R., Pugazhendhi A., Brindhadevi K., Ramesh N. Analysis of Alkylphenol ethoxylates (APEOs) from tannery sediments using LC-MS and their environmental risks. <i>Process Biochemistry</i> . 97; DOI: 10.1016/j.procbio.2020.06.015	2.952
143.	Anbarasu A., Ramaiah S., Livingstone P. Vaccine repurposing approach for preventing COVID 19: can MMR vaccines reduce morbidity and mortality? <i>Human Vaccines and Immunotherapeutics</i> . 16(9):2217-2218.	2.619
144.	Bhati M., D. Prabhu Y., Renu K., Vellingiri B., Thiagarajan P., Panda A., Chakraborty R., Myakala H., Valsala Gopalakrishnan A. Role of TGF- β signalling in PCOS associated focal segmental glomerulosclerosis. <i>Clinica Chimica Acta</i> . 510:244-251.	2.615
145.	Mathiyazhagan J., Kodiveri Muthukaliannan G. Combined <i>Zingiber officinale</i> and <i>Terminalia chebula</i> Induces Apoptosis and Modulates mTOR and hTERT Gene Expressions in MCF-7 Cell Line. <i>Nutrition and Cancer</i> . 14;1-10.	2.363
146.	Baskaran S., Sathivelu M. Application of Attenuated Total Reflection - Fourier Transform Infrared spectroscopy to characterize the degradation of littered multilayer food packaging plastics. <i>Vibrational Spectroscopy</i> . 109:103105	1.917
147.	Silambarasan S., Abraham J. Biodegradation of carbendazim by a potent novel <i>Chryseobacterium</i> sp. JAS14 and plant growth promoting <i>Aeromonas caviae</i> JAS15 with subsequent toxicity analysis. <i>3 Biotech</i> . 10(7):326.	1.798
148.	Jacob J.J., Suthindhiran K. Diversity of Uncultured <i>Magnetospirillum</i> sp. from the Sediments of South Kerala Sedimentary Basin, India. <i>Current Microbiology</i> . 77(9):2456-2464.	1.746
149.	Ragavan M.L., Das N. In Vitro Studies on Therapeutic Potential of Probiotic Yeasts Isolated from Various Sources. <i>Current Microbiology</i> . 77(10):2821-2830.	1.746
150.	Rekha R., Mahboob S., Ramya A.K., Kerthekeyan S., Govindarajan M., Al- Ghanim K.A., Al-Misned F., Ahmed Z., Vaseeharan B. <i>Journal of Cluster Science</i> . 199:111620.	1.731

151.	Jothi S., Vuppu S. Taguchi analysis and asymmetric keto- reduction of acetophenone and its derivatives by soil filamentous fungal isolate: <i>Penicillium rubens</i> VIT SS1. Preparative Biochemistry and Biotechnology. 50(10):1042-1052.	1.415
152.	Prabhu D.S., Rajeswari V.D. PPAR-Gamma as putative gene target involved in Butein mediated anti-diabetic effect. Molecular Biology Reports. 47(7):5273-5283.	1.402
153.	Saranya S.R., Sudhakaran R. Report on prevalence of tilapia lake virus infection in tilapia fishes (<i>Oreochromis niloticus</i>). Biocatalysis and Agricultural Biotechnology. https://doi.org/10.1016/j.bcab.2020.101665	NIL
154.	Banerjee K., Saha G., Sahoo P., Chattaraj S., Dhamodhar P., Thiagarajan P. Synthesis and characterization of a lemongrass oil emulsion formulation incorporating alumina nanoparticles for activity against streptococcus mutans isolated from dental caries. Research Journal of Pharmacy and Technology. 13(5):2291	NIL
155.	Khan M.G., Yezdani U., Chakravorty A., Shukla T. Efforts and challenges paved by india to confront of corona virus (Covid-19). Bangladesh Journal of Medical Science https://doi.org/10.3329/bjms.v19i0.48198	NIL
156.	Bhattacharya P., Dhanyamraju P.K., Sarmah A., Jay M.P., Jose C.M., Dibritto S., Mallavarapu S., Patel T.N. Mutational profiling of POT1 gene and its interaction with TPP1 in cancer- A computational approach. Informatics in Medicine Unlocked. https://doi.org/10.1016/j.imu.2020.100389	NIL
157.	Durairajan S., Walter C.E.J., Periyandavan K., George Priya Doss C., Davis D.J.G., Hannah Rachel Vasanthi A., Thiruvengadam G., Johnson T. Selective susceptibility of human bladder transitional cell carcinoma t24 cells towards nbd peptide. American Journal of Biochemistry and Biotechnology. 16(2)	NIL
158.	Sharma A., Kumar P., Ambasta R.K. Cancer fighting SiRNA-RRM2 loaded nanorobots. Pharmaceutical Nanotechnology. 8(2):79-90.	NIL
159.	Kumar A., Vickram A.S., Sridharan T.B. Oxidation driven surface hydrophobicity in human seminal plasma results in protein structural changes. Journal of Molecular Liquids. 10.1016/j.molliq.2020.113900	5.065
160.	Ranganathan N., Mahalingam G. Validation of the antidiabetic potential of isolated and nanoemulsified endophytic fungal metabolite 2,4,6- triphenylaniline through AMPK activation pathway. Journal of Molecular Liquids.316:113836	5.065
161.	Jayaraj R., Shetty S., Kumaraswamy C., Raghul S., Gothandam K.M., Raymond G., Ravishankar R.M., Shaw P. Clinical comments on prognostic and clinicopathological significance of PD- L1 overexpression in oral squamous cell carcinoma (OSCC). Oral Oncology. 111:104886.	3.979
162.	Jayaraj R., Shetty S.S., Kumaraswamy C., Clinical interpretation of findings from a systematic review and a comprehensive meta-analysis on clinicopathological and prognostic characteristics of oral squamous cell carcinomas (OSCC) arising in patients with oral lichen planus (OLP) Oral Oncology. 108:104974.	3.979
163.	Manohar P., Loh B., Nachimuthu R., Hua X., Welburn S.C., Leptihn S. Secondary Bacterial Infections in Patients With Viral Pneumonia. Frontiers in Medicine. 5;7:420. doi: 10.3389/fmed.2020.00420.	3.9

164.	Udhaya Kumar S., Thirumal Kumar D., Prabhu Christopher B., George Priya Doss C. The rise and impact of COVID-19 in India. <i>Frontiers in Medicine</i> . 22;7:250. doi: 10.3389/fmed.2020.00250. eCollection 2020.	3.9
165.	Ranjan S., Dasgupta N., Mishra D., Ramalingam C. Involvement of Bcl-2 Activation and G1 Cell Cycle Arrest in Colon Cancer Cells Induced by Titanium Dioxide Nanoparticles Synthesized by Microwave-Assisted Hybrid Approach. <i>Frontiers in Bioengineering and Biotechnology</i> . 15;8:606.	3.644
166.	Menon S., Shanmugam V.K. Chemopreventive mechanism of action by oxidative stress and toxicity induced surface decorated selenium nanoparticles <i>Journal of Trace Elements in Medicine and Biology</i> 62:126549. doi: 10.1016/j.jtemb.2020.126549.	3.245
167.	Annamalai C., Ganesh R.N., Viswanathan P. Ferrotoxicity and its amelioration by endogenous vitamin D in experimental acute kidney injury. <i>Experimental Biology and Medicine</i> 245: 16: 1474-1489	3.139
168.	Upadhyaya S., Agrawal S., Gorakshakar A., Rao B.J. TOR kinase activity in <i>Chlamydomonas reinhardtii</i> is modulated by cellular metabolic states. <i>FEBS Letters</i> 594, 19: 3122-3141	3.057
169.	Ambasta R.K., Adeshara K., Yadav S., Kumar P. VEGF/CDK2 are involved in diabetic organ regeneration <i>Biochemical and Biophysical Research Communications</i> , 529, 4, 3:1094-1100	2.985
170.	Govindaraji P.K., Vuppu S. Characterisation of pectin and optimization of pectinase enzyme from novel <i>Streptomyces fumigatiscleroticus</i> VIT-SP4 for drug delivery and concrete crack-healing applications: An ecofriendly approach. <i>Saudi Journal of Biological Sciences</i> 27 12:3529-3540	2.802
171.	Odumpatta R., Arumugam M. Integrative Analysis of Gene Expression and Regulatory Network Interaction Data Reveals the Protein Kinase C Family of Serine/Threonine Receptors as a Significant Druggable Target for Parkinson's Disease <i>Journal of Molecular Neuroscience</i> 71,466–480	2.678
172.	Unni P A., Sudhakaran S.L., Pillai G.G. Review on druggable targets of key age-associated properties regulated by therapeutic agents. <i>Chemical Biology and Drug Design</i> 96, 4:1069-1083	2.548
173.	Dhamodharan P., Arumugam M. Multiple Gene Expression Dataset Analysis Reveals Toll-Like Receptor Signaling Pathway is Strongly Associated With Chronic Obstructive Pulmonary Disease Pathogenesis. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> 17, 6	2.5
174.	Raguraman V., Jayasri M.A., Suthindhiran K. Magnetosome mediated oral Insulin delivery and its possible use in diabetes management. <i>Journal of Materials Science: Materials in Medicine</i> 5;31(8):75.	2.489
175.	Saranyadevi S., Ramanathan K., Shanthi V. Exploring natural compounds for the management of non-small cell lung cancer. <i>Natural Product Research</i> . 29;1-4.	2.158
176.	Ranade S.S., Ramalingam R. In silico study on pH-based alanine scanning of Phylloseptin 2 helps determine potential mutant sites for futuristic therapeutic analogues. <i>Molecular Simulation</i> , https://doi.org/10.1080/08927022.2020.1804563	1.716
177.	Peerzada J.G., Chidambaram R. A Statistical Approach for Biogenic Synthesis of Nano-Silica from Different Agro-Wastes. <i>Silicon</i> https://doi.org/10.1007/s12633-020-00629-5	1.499

178.	Nanjundaiah S.N., MA J., Sukumaran S., Sambasivam G. Development of clone with novel TrpE fusion tag in E. coli for overexpression of trypsin in a bench-scale bioreactor. Preparative Biochemistry and Biotechnology. 51(2):144-152. doi: 10.1080/10826068.2020.1799392	1.415
179.	Dutta D., Abarna R., Shubham M., Subbiah K., Duraisamy S., Chinnusamy R., Anbalagan M. Effect of Arg399Gln single-nucleotide polymorphism in XRCC1 gene on survival rate of Indian squamous cell head-and-neck cancer patients. Journal of cancer research and therapeutics. 16(3):551-558.	1.326
180.	Sriram K.P., Mangrolia U., Osborne W.J. Isolation and characterization of culturable indigenous endophytic bacteria in the tender coconut. Food Biotechnology. 34(3):228-242	0.921
181.	Karthik T., Sarkar G., Babu S., Amalraj L.D., Jayasri M.A. Preparation and evaluation of liquid fertilizer from <i>Turbinaria ornata</i> and <i>Ulva reticulata</i> Biocatalysis and Agricultural Biotechnology DOI:10.1016/j.bcab.2020.101712	
182.	Miryala S.K., Anbarasu A., Ramaiah S. Role of SHV-11, a Class A β - Lactamase, Gene in Multidrug Resistance Among <i>Klebsiella pneumoniae</i> Strains and Understanding Its Mechanism by Gene Network Analysis Microbial drug resistance (Larchmont, N.Y.) ;26(8):900-908.	NIL
183.	Ojha N., Das N. Process optimization and characterization of polyhydroxyalkanoate copolymers produced by marine <i>Pichia kudriavzevii</i> VIT-NN02 using banana peels and chicken feather hydrolysate Biocatalysis and Agricultural Biotechnology Volume 27, 101616	NIL
184.	Prem Anand K., Suthindhiran K. Biofilm formation and pathogenicity of marine-derived <i>Acinetobacter</i> sp. VITRSA1 in <i>Paratelphusa hydrodromous</i> and its toluene remediation Biocatalysis and Agricultural Biotechnology Volume 28, 101723	NIL
185.	Ravi M., Sudhakar T., Hari Haran S., Sudhakaran R., Stalin Dhas T. Nanoparticles based DNA vaccine in marine water crabs (<i>Scylla serrata</i>) for protection against white spot syndrome virus (WSSV) Biocatalysis and Agricultural Biotechnology https://doi.org/10.1016/j.bcab.2020.101764	NIL
186.	Srivastava P., Gomathinayagam S., Easwaran N., Sankar G., Padmavathi E., Shankar M., Gothandam K.M., Sivashanmugam K. Comparative data analysis of two multi-drug resistant homoserine lactone and rhamnolipid producing <i>Pseudomonas aeruginosa</i> from diabetic foot infected patient Data in Brief https://doi.org/10.1016/j.dib.2020.106071	NIL
187.	Swetha V., Aarthi R., Godwin Christopher J., Usha S. Women empowerment through green leafy vegetables business in Vellore. International Journal of Psychosocial Rehabilitation Volume 24 - Issue 8	NIL
188.	Vadakkan K., Hemapriya J., Anbarasu A., Ramaiah S., Vijayanand S. Quorum quenching by 2- Hydroxyanisole extracted from <i>Solanum torvum</i> on <i>Pseudomonas aeruginosa</i> and its inhibitory action upon LasR protein Gene Reports Volume 21, 100802	NIL
189.	Mishra A.K., Ghosh A.R. Probiotic <i>Enterococcus faecalis</i> AG5 mitigated high fat diet induced obesity and produced propionic acid stimulated apoptosis in 3T3-L1 pre-adipocyte. Life Sciences 261, 15: 118292	3.647

190.	Renu K., Saravanan A., Elangovan A., Ramesh S., Annamalai S., Namachivayam A., Abel P., Madhyastha H., Madhyastha R., Maruyama M., Balachandar V., Valsala Gopalakrishnan A. An appraisal on molecular and biochemical signalling cascades during arsenic-induced hepatotoxicity <i>Life Sciences</i> 260, 118438	3.647
191.	Panigrahi T., D'Souza S., Shetty R., Padmanabhan Nair A., Ghosh A., Jacob Remington Nelson E., Ghosh A., Sethu S. Genistein-Calcitriol Mitigates Hyperosmotic Stress-Induced TonEBP, CFTR Dysfunction, VDR Degradation and Inflammation in Dry Eye Disease <i>Clinical and Translational Science</i> https://doi.org/10.1111/cts.12858	3.373
192.	Shyamsivappan S., Saravanan A., Vivek R., Suresh T., Shankar R., Gothandam K.M., Mohan P.S. Novel phenyl and thiophene dispiro indenoquininoxaline pyrrolidine quinolones induced apoptosis via G1/S and G2/M phase cell cycle arrest in MCF-7 cells. <i>New Journal of Chemistry</i> 35, https://doi.org/10.1039/D0NJ02588G	3.288
193.	Madurantakam Royam M., Nachimuthu R. Isolation, characterization, and efficacy of bacteriophages isolated against <i>Citrobacter</i> spp. an in vivo approach in a zebrafish model (<i>Danio rerio</i>). <i>Research in Microbiology</i> . https://doi.org/10.1016/j.resmic.2020.08.003	3.217
194.	Dinesh P., Kalaiselvan S., Sujitha S., Rasool M. MicroRNA-532-3p Regulates Pro-Inflammatory Human THP-1 Macrophages by Targeting ASK1/p38 MAPK Pathway <i>Inflammation</i> 44, 229–242	3.212
195.	Sana S.S., Dogiparthi L.K., Gangadhar L., Chakravorty A., Abhishek N. Effects of microplastics and nanoplastics on marine environment and human health <i>Environmental Science and Pollution Research</i> 27, 44743–44756	3.056
196.	Mathew G.E., Oh J.M., Mohan K., Kumar K.S., Jayanthi S., Kim H., Mathew B. Inhibitions of monoamine oxidases and acetylcholinesterase by 1- methyl, 5-phenyl substituted thiosemicarbazones: Synthesis, biochemical, and computational investigations <i>Process Biochemistry</i> https://doi.org/10.1016/j.procbio.2020.05.016	2.952
197.	Nithyanandam S., Evan Prince S. Toxins mechanism in instigating hepatotoxicity <i>Toxin Reviews</i> https://doi.org/10.1080/15569543.2020.1818105	2.851
198.	Patel T.N., Priyanka R., Vashi Y., Bhattacharya P. Toxic impacts and industrial potential of graphene <i>Journal of Environmental Science and Health, Part C: Toxicology and Carcinogenesis</i> 38(3):269-297.	2.552
199.	Kamalesh D., Nair A., Sreeshma J., Arundhati P.S., Sudandiradoss C. Statistical and molecular dynamics (MD) simulation approach to investigate the role of intrinsically disordered regions of shikimate dehydrogenase in microorganisms surviving at different temperatures <i>Extremophiles</i> 24, 831–842	2.462
200.	Ibrahim A.Z., Thirumal Kumar D., Abunada T., Younes S., George Priya Doss C., Zaki O.K., Zayed H. Investigating the structural impacts of a novel missense variant identified with whole exome sequencing in an Egyptian patient with propionic acidemia. <i>Molecular Genetics and Metabolism Reports</i> . https://doi.org/10.1016/j.ymgmr.2020.100645	2.022

201.	Anushree G., Aravind P., Vinod D., Hemalatha N., Girisha S.T., Devaraju K.S. Peroxynitrite-induced conformational changes in DNA that lead to cell death: UV, CD spectral, molecular dynamics simulation and FACS analysis Nucleosides, Nucleotides and Nucleic Acids 40(1):1-15.	1.556
202.	Saranyadevi S., Shanthi V. Molecular simulation strategies for the discovery of selective inhibitors of β -catenin Journal of Theoretical and Computational Chemistry 19,07, 2050022 https://doi.org/10.1142/S0219633620500224	0.848
203.	Maurya V.K., Singh J., Ranjan V., Gothandam K.M., Bohn T., Pareek S. Factors affecting the fate of β - carotene in the human gastrointestinal tract: A narrative review International Journal for Vitamin and Nutrition Research 10.1024/0300-9831/a000674	0.765
204.	Simon J.P., Katturaja R.K., Namachivayan A., Nithyanandham S., Parthasarathy M., Prince S.E. Anti-inflammatory potential of the aqueous extract of cyamopsis tetragonoloba against the msu- induced arthritis in female wistar albino rats. Asia-Pacific Journal of Molecular Biology and Biotechnology 10.35118/apjmbb.2020.028.3.01	NIL
205.	Shri Preethi M., Jain N., Chakravarty Y., Asha Devi S. Effect of non-synonymous single nucleotide polymorphisms in rho domain of tagap: Structural modeling and molecular dynamics simulation approach. International Journal of Pharmaceutical Research 425(21):3949-63. doi: 10.1016/j.jmb.2013.07.012.	NIL
206.	Segaran G., Uma Anitha K.P.G., Sathivelu M. Evaluation of antioxidant, total phenol and phytoconstituents of <i>Curvularia</i> sp., a fungal endophyte of <i>Boerhaavia diffusa</i> L. Research Journal of Biotechnology 15(6):117-122	NIL
207.	Sigamani S., Ahmed M.H., Natarajan H., Ramamurthy D. Identification of Phytoplankton from Fresh Water and Growth Optimization in Potent Algae by Response Surface Methodology for Enhanced Biomass Production. Smart Science. https://doi.org/10.1080/23080477.2020.1814125	NIL
208.	Hemagowri V., Selvaraj V., Jesu Jaya Sudan R., Chinnappan S., Bhuvan A., Santhakumar K. Identification of zebrafish fumarate hydratase active site by molecular docking and simulation studies. Journal of Biomolecular Structure and Dynamics 1-13. doi: 10.1080/07391102.2020.1824812	NIL
209.	Sankar P., Venugopal S. Immuno-informatics approach based epitopes prediction for vaccine design against severe acute respiratory syndrome coronavirus-2. International Journal of Pharmaceutical Research 10.1101/2020.07.23.218529	NIL
210.	Sekar N., Gopalakrishnan A.V. Insertion/deletion of angiotensin- converting enzyme gene polymorphism as a marker of polycystic ovary syndrome (PCOS) development in South Indian cohort women. Asia-Pacific Journal of Molecular Biology and Biotechnology. 10.35118/apjmbb.2020.028.2.03	NIL
211.	Thosar A., Satpathy P., Jemimah Naine S., Devi C.S. Marine streptomycetes sp. Vitasp as a source of new bioactive secondary metabolites Current Bioactive Compounds. 10.2174/1573407214666180904100049	NIL

212.	Rathod P., Patel T., Desai A., Chandel D. Socioeconomic, biological and genetic factors influencing preterm birth. <i>Asian Pacific Journal of Reproduction</i> . 9:5 215-222	NIL
213.	Ashok N., Kirubakaran R., Saraswathy R. Association of vitamin D gene polymorphisms in children with asthma - A systematic review. <i>Heliyon</i> . https://doi.org/10.1016/j.heliyon.2020.e04795	NIL
214.	Muthukumar J., Selvasekaran P., Lokanadham M., Chidambaram R. Food and food products associated with food allergy and food intolerance – An overview. <i>Food Research International</i> 138:109780	4.972
215.	Renu K., Subramaniam M.D., Chakraborty R., Myakala H., Iyer M., Bharathi G., Siva K., Vellingiri B., Valsala Gopalakrishnan A. The role of Interleukin-4 in COVID-19 associated male infertility – A hypothesis <i>Journal of Reproductive Immunology</i> , 142:103213	4.018
216.	Banerjee S., Kalyani Yabalooru S.R., Karunakaran D. Identification of mRNA and non-coding RNA hubs using network analysis in organ tropism regulated triple negative breast cancer metastasis. <i>Computers in Biology and Medicine</i> 127:104076. doi: 10.1016/j.combiomed.2020.104076.	3.434
217.	Palanisamy C.P., Cui B., Zhang H., Jayaraman S., Muthukaliannan G.K. A comprehensive review on corn starch-based nanomaterials: Properties, simulations, and applications. <i>Polymers</i> 12(9), 2161; https://doi.org/10.3390/polym12092161	3.426
218.	Sethi A., Sanam S., Munagalasetty S., Jayanthi S., Alvala M. Understanding the role of galectin inhibitors as potential candidates for SARS-CoV-2 spike protein:: In silico studies. <i>RSC Advances</i> 10, 29873-29884	3.119
219.	Sundar V., Vimal S., Sai Mithlesh M.S., Dutta A., Tamizhselvi R., Manickam V. Transcriptional cyclin-dependent kinases as the mediators of inflammation-a review. <i>Gene</i> https://doi.org/10.1016/j.gene.2020.145200	2.984
220.	Basu S., Veeraraghavan B., Ramaiah S., Anbarasu A. Novel cyclohexanone compound as a potential ligand against SARS-CoV-2 main-protease. <i>Microbial Pathogenesis</i> 149;104546	2.914
221.	Manimegalai S., Mahboob S., Al-Ghanim K.A., Al-Misned F., Govindarajan M., Anbarasu K., Devi Rajeswari V. Down-regulation of hepatic G-6-Pase expression in hyperglycemic rats: Intervention with biogenic gold nanoconjugate. <i>Saudi Journal of Biological Sciences</i> 27, 12:3334-3341	2.802
222.	Patil V., Pal J., Mahalingam K., Somasundaram K. Global RNA editome landscape discovers reduced RNA editing in glioma: Loss of editing of gamma- amino butyric acid receptor alpha subunit 3 (GABRA3) favors glioma migration and invasion. <i>PeerJ</i> 8:e9755.	2.379
223.	Bhattacharya R., Chatterjee R., Mandal A.K.A., Mukhopadhyay A., Basu S., Giri A.K., Chatterji U., Bhattacharjee P. Theaflavin-Containing Black Tea Extract: A Potential DNA Methyltransferase Inhibitor in Human Colon Cancer Cells and Ehrlich Ascites Carcinoma-Induced Solid Tumors in Mice <i>Nutrition and Cancer</i> 1-13.	2.363
224.	Lokesh R., Jeyakanthan J., Kannabiran K. Targeting VEGFR2 protein by marine <i>Streptomyces globosus</i> VITL GK011- derived compound BECA: An in vitro and in silico analysis. <i>Journal of Basic Microbiology</i> . https://doi.org/10.1002/jobm.202000461	1.909

225.	Gomathinayagam S., Kodiveri Muthukaliannan G. Metagenomic Analysis of the Faecal Microbiome of Rats with 1, 2- Dimethylhydrazine Induced Colon Cancer and Prophylactic Whole-Cell Carotenoid Intervention. Indian Journal of Microbiology. DOI: 10.1007/s12088-020-00909-z	1.83
226.	Veni A., Lokeswari T.S., Krishna Kumari G.N., Gayathri D., Sudandiradoss C. Bioactivity of melianone against Salmonella and in silico prediction of a membrane protein target. 3 Biotech (10):460.	1.798
227.	Akkara P.J., Sabina E.P. A biochemical approach to the anti- inflammatory, antioxidant and antiapoptotic potential of beta- carotene as a protective agent against bromobenzene-induced hepatotoxicity in female wistar albino rats. Journal of Applied Biomedicine. 18:87-95, 10.32725/jab.2020.011	1.7
228.	Subburaj S., Nagrale T.A., Khan M.M., James N., Karuppasamy R., Veerappapillai S. Discovery of anaplastic lymphoma kinase inhibitors from natural product library: A holistic in silico approach. Biotechnology and Applied Biochemistry. https://doi.org/10.1002/bab.2040	1.638
229.	Karunakaran K., Muniyan R. Genetic alterations and clinical dimensions of oral cancer: a review. Molecular Biology Reports. 47(11):9135-9148. doi: 10.1007/s11033-020-05927-0.	1.402
230.	Sarkar G., Suthindhiran K. Identification of urease producing <i>Virgibacillus</i> sp. UR1 from marine sediments. Indian Journal of Biotechnology IJBT Vol.19(1)	0.413
231.	Fatima R., Karthikeyan K., Sudhakaran R., Anuja K., Prafull R., Ganesh K. Efficacy studies on commercially available probiotics to induce immune response and resistance in tilapia fish (<i>Oreochromis mossambicus</i>), against <i>Vibrio</i> infection. Indian Journal of Geo- Marine Sciences 49(07):25	0.328
232.	Sundar R.D.V., Arunachalam S. A review on Endophytic bacteria and their potential pharmacological applications. Research Journal of Biotechnology 15(8)	NIL
233.	Ramesh P., Karuppasamy R., Veerappapillai S. A review on recent advancements in diagnosis and classification of cancers using artificial intelligence. BioMedicine (Taiwan) 10(3): 5–17.	NIL
234.	Jerine Peter S., Ram Kumar K., Arun Raj N., Sangeetha N., Manisha P., Kumari U., Prince S.E. Evaluation of the antioxidant and potential binding affinity of cyamopsis tetragonoloba seed against the receptor responsible for gouty arthritis. Research Journal of Pharmacy and Technology 13: 5	NIL
235.	Chaturvedi S., Megha Vinod P.I., Mosha G., Ramanathan K. Exploring molecular docking algorithm for lung cancer drug discovery – a case study with ret protein International Journal of Research in Pharmaceutical Sciences. https://doi.org/10.26452/ijrps.v11i4.3127	NIL
236.	Manjubala I., Somaiya Y.R., Ye C.Z., Priya G., Narendrakumar U. Extraction and characterization of sericin protein from <i>Bombyx mori</i> . Environmental Engineering and Management Journal 10.1016/j.procbio.2017.06.019	NIL
237.	Chandrasekhar G., Rajasekaran R. Investigating the pernicious effects of heparan sulfate in serum amyloid A1 protein aggregation: a structural bioinformatics approach. Journal of Biomolecular Structure and Dynamics 1-15.	NIL

238.	Ravi L., Selvaraj V., Shankar S., Sundar R.D.V., Segaran G., Kumaresan S., Sadhana V. Methylene blue degradation by AgCuO bimetallic nanomaterial, green synthesized using cordia sebestena leaves. Research Journal of Pharmacy and Technology 10.5958/0974-360X.2020.00552.1	NIL
239.	Mohan R., Venugopal S. Molecular binding and simulation studies of staphylococcus aureus superantigens with flavonoid compounds. Infectious Disorders - Drug Targets. 20(4):531-542. doi: 10.2174/1871526519666190207092307.	NIL
240.	Manogharan A., Samy R.M.R., Mohan R. Molecular effects of mutated amino acids involved in transmembrane and domain regions on the bcr oncogene protein using in silico techniques. International Journal of Research in Pharmaceutical Sciences https://doi.org/10.26452/ijrps.v11i4.3234	NIL
241.	Rajeshkumar S., Santhoshkumar J., Lakshmi T., Ponnanikajamdeen M., Vanaja M., Pavunraj M. Morphological characterisation of zinc sulfide nanoparticles using electron microscopy and X-ray diffraction assay Plant Cell Biotechnology and Molecular Biology 21:29-30	NIL
242.	S U.K., R B., D T.K., Doss C.G.P., Zayed H. Mutational landscape of K-Ras substitutions at 12th position-a systematic molecular dynamics approach. Journal of Biomolecular Structure and Dynamics https://doi.org/10.1080/07391102.2020.1830177	NIL
243.	Udayaraja G.K., Arnold Emerson I. Oncogenomics and CYP450 implications in personalized cancer therapy. Current Pharmacogenomics and Personalized Medicine. 10.2174/1875692117999200517122652	NIL
244.	Shanthini T., Ramesh N. Phenotypic detection of hypermucoviscous phenotype in colistin-resistant klebsiella oxytoca from tamil nadu. Research Journal of Biotechnology 14:2	NIL
245.	Gauthaman A., Moorthy A. R248W mutations in p53 gene are rare among Indian patients with head-and neck cancer. Indian Journal of Medical and Paediatric Oncology 41(4):519 10.4103/ijmpo.ijmpo_248_19	NIL
246.	Pagolu N., Khora S.S. Wound healing activity of polysaccharides from marine algae Codium tomentosum Stackhouse, 1797 from Tamil Nadu coast of Bay of Bengal, India. Research Journal of Biotechnology	NIL
247.	Samrot A.V., Sean T.C., Kudaiyappan T., Bisayah U., Mirarmandi A., Faradjeva E., Abubakar A., Ali H.H., Angalene J.L.A., Suresh Kumar S. Production, characterization and application of nanocarriers made of polysaccharides, proteins, bio- polyesters and other biopolymers: A review International Journal of Biological Macromolecules 165(Pt B)	5.162
248.	Sreedurgalakshmi K., Srikar R., Rajkumari R. CRISPR-Cas deployment in non-small cell lung cancer for target screening, validations, and discoveries. Cancer Gene Therapy doi: 10.1038/s41417-020-00256-7.	4.534
249.	Khare P., Maurya R., Bhatia R., Mangal P., Singh J., Podili K., Bishnoi M., Kondepudi K.K. Polyphenol rich extracts of finger millet and kodo millet ameliorate high fat diet-induced metabolic alterations. Food & function 11(11):9833-9847. doi: 10.1039/d0fo01643h.	4.171

250.	Udhaya Kumar S., Rajan B., Thirumal Kumar D., Anu Preethi V., Abunada T., Younes S., Okashah S., Ethiraj S., George Priya Doss C., Zayed H. Involvement of essential signaling cascades and analysis of gene networks in diabetesGenes 11(11), 1256.	3.759
251.	Arokiaraj S.R., Tajuddin N.B., Muthusamy K., Jayaraj J.M., Alagumuthu M. TRAF2 and NCK-Interacting Kinase Inhibitors for Colorectal Cancer: In Vitro and Theoretical Validations. ACS combinatorial science. 22(11):608-616. doi: 10.1021/acscombsci.0c00027.	3.381
252.	Madhyastha H., Halder S.,b Queen Intan N.,a Madhyastha R.,a Mohanapriya A.,b Sudhakaran R.,b Sajitha L. S.,b Banerjee K.,b Bethasiwi P., Daima H.,c Navya P. N.,d Maruyama M.a and Nakajima Y. Surface refined uercetinnanoconjugate stimulates dermal cell migration: Possible implication in wound healing. RSC Advances 10, 37683-37694	3.119
253.	Kumar V., Sekar M., Sarkar P., Acharya K.K., Thirumurugan K. Dynamics of HOX gene expression and regulation in adipocyte development. Gene 768:145308.	2.984
254.	Varghese P.M., Tsolaki A.G., Yasmin H., Shastri A., Ferluga J., Vatish M., Madan T., Kishore U. Host-pathogen interaction in COVID- 19: Pathogenesis, potential therapeutics and vaccination strategies. Immunobiology 225:6, 152008	2.788
255.	Sanyal A., Antony R., Ganesan P., Thamban M. Metabolic activity and bioweathering properties of yeasts isolated from different supraglacial environments of Antarctica and Himalaya. Antonie van Leeuwenhoek, International Journal of General and Molecular Microbiology 113(12):2243-2258	2.674
256.	Babu M.A., Srinivasan R., Subramanian P., Kodiveri Muthukaliannan G. RNAi silenced ζ -carotene desaturase developed variegated tomato transformants with increased phytoene content Plant Growth Regulation. 93, pages189–201	2.388
257.	Prajapati R., Emerson I.A. Construction and analysis of brain networks from different neuroimaging techniques. International Journal of Neuroscience. https://doi.org/10.1080/00207454.2020.1837802	2.107
258.	Dhanyamraju P.K., Patel T.N., Dovat S. Medulloblastoma: “Onset of the molecular era”. Molecular Biology Reports. 47(12):9931-9937.	1.402
259.	Shruthi T.G., Subramanian S.,Eswaran S. Design, synthesis and study of antibacterial and antitubercular activity of quinoline hydrazone hybrids. Heterocyclic Communications https://doi.org/10.1515/hc-2020-0109	1.057
260.	Prajapati R., Emerson I.A. Gene Prioritization in Parkinson's Disease Using Human Protein-Protein Interaction Network. Journal of Computational Biology 27(11):1610-1621.	1.054
261.	Varadharaj V.A., Suresh P.K. Arecoline, hesperidin and trifluoperazine-mediated cytotoxicity and cell death potential in nih/3t3 fibroblasts cells –toxicity/safety assessment in a nih/3t3 model fibroblast cell line. Indian Journal of Pharmaceutical Education and Research 54(3s):s537-s551	0.501

262.	Sundar R.D.V., Arunachalam S. In vitro anti-inflammatory potential of selected medicinal plants Research Journal of Biotechnology	NIL
263.	Abraham J., Chatterjee A., Sharma J. Isolation and characterization of a new bacillus licheniformis strain for bioleaching heavy metals. Journal of Applied Biotechnology Reports. 10.30491/jabr.2020.110332	NIL
264.	Thiyagarajulu N., Arumugam S., Narayanan A.L., Mathivanan T., Renuka R.R. Green synthesis of reduced graphene nanosheets using leaf extract of tridax procumbens and its potential in vitro biological activities. Biointerface Research in Applied Chemistry 10.1007/s10876-020-01814-7	NIL
265.	Jayakodi S., Shanmugam V.K. Statistical optimization of copper oxide nanoparticles using response surface methodology and box– behnken design towards in vitro and in vivo toxicity assessment. Biointerface Research in Applied Chemistry. 11(3):10027 - 10039	NIL
266.	Kanagavelu R., Veerappapillai S. Identification of novel neuraminidase inhibitors through e-pharmacophore based virtual screening. International Journal of Computational Biology and Drug Design. Vol.13 No.4 10.1504/IJCDD.2020.111054	NIL
267.	Karn R., Emerson I.A. Molecular dynamic study on PTEN frameshift mutations in breast cancer provide c2 domain as a potential biomarker. Journal of Biomolecular Structure and Dynamics 13;1-12.	NIL
268.	Ashwini D., Mahalingam G. Green synthesized metal nanoparticles, characterization and its antidiabetic activities-a review Research Journal of Pharmacy and Technology 13(1):468-474	NIL
269.	Anne Sahithi S.T., Muthu T., Saraswathy R. Migraine: Update and Future Perspectives International Journal of Nutrition, Pharmacology, Neurological Diseases 10: 4, 179-187	NIL
270.	Subramaniam M.D., Venkatesan D., Iyer M., Subbarayan S., Govindasami V., Roy A., Narayanasamy A., Kamalakannan S., Gopalakrishnan A.V., Thangarasu R., Kumar N.S., Vellingiri B. Biosurfactants and anti-inflammatory activity: A potential new approach towards COVID-19. Current Opinion in Environmental Science and Health https://doi.org/10.1016/j.coesh.2020.09.002	NIL
271.	Subramaniam M.D., Iyer M., Nair A.P., Venkatesan D., Mathavan S., Eruppakotte N., Kizhakkilach S., Chandran M.K., Roy A., Gopalakrishnan A.V., Oxidative stress and mitochondrial transfer: A new dimension towards ocular diseases Genes and Diseases DOI 10.1016/j.gendis.2020.11.020	4.803
272.	Kalpana V.N., Alarjani K.M., Rajeswari V.D. Enhancing malaria control using Lagenaria siceraria and its mediated zinc oxide nanoparticles against the vector Anopheles stephensi and its parasite Plasmodium falciparum. Scientific Reports 0.1038/s41598-020-77854-w	3.998
273.	Udhaya Kumar S., Sankar S., Younes S., Thirumal Kumar D., Ahmad M.N., Okashah S.S., Kamaraj B., Al-Subaie A.M., George Priya Doss C., Zayed H. Deciphering the role of filamin B calponin-homology domain in causing the larsen syndrome, boomerang dysplasia, and atelosteogenesis type I spectrum disorders via a computational approach. Molecules 25(23), 5543; https://doi.org/10.3390/molecules25235543	3.267

274.	Thirumal Kumar D., Udhaya Kumar S., Magesh R., George Priya Doss C. Investigating mutations at the hotspot position of the ERBB2 and screening for the novel lead compound to treat breast cancer – a computational approach. <i>Advances in Protein Chemistry and Structural Biology</i> 123:49-71. doi: 10.1016/bs.apcsb.2020.10.001.	3.014
275.	Mishra S., Shah M.I., Udhaya Kumar S., Thirumal Kumar D., Gopalakrishnan C., Al-Subaie A.M., Magesh R., George Priya Doss C., Kamaraj B. Network analysis of transcriptomics data for the prediction and prioritization of membrane-associated biomarkers for idiopathic pulmonary fibrosis (IPF) by bioinformatics approach. <i>Advances in Protein Chemistry and Structural Biology</i> 123:241-273. doi: 10.1016/bs.apcsb.2020.10.003.	3.014
276.	Mishra S., Joghee N.N., Jayaraman G. <i>Virgibacillus dokdonensis</i> VITP14 produces α -amylase and protease with broader operational range but with differential thermodynamic stability. <i>Biotechnology and Applied Biochemistry</i> . doi: 10.1002/bab.2084.	1.638
277.	John R., Rajan A.P. Effective sequestration of chromium by bacterial biosorption: a review <i>Preparative Biochemistry and Biotechnology</i> https://doi.org/10.1080/10826068.2020.1861010	1.415
278.	Upadhyay R., Dass J F.P. Physicochemical analysis, microbial survivability, and shelf life study of spray-dried synbiotic guava juice powder. <i>Journal of Food Processing and Preservation</i> https://doi.org/10.1111/jfpp.15103	1.405
279.	Karthikeyan V., Manian R. A review on antioxidant therapy for varicocele associated male infertility. <i>European Journal of Molecular and Clinical Medicine</i> . Volume 7, Issue 06	NIL
280.	Jaya P., Suresh S., Arya K., Sarkar A., Bhaskara Rao K.V. A study on marine bacterial invertase enzyme sourced from bay of bengal, west bengal; its isolation and optimization. <i>Research Journal of Pharmacy and Technology</i> . 10.5958/0974-360X.2020.00913.0	NIL
281.	Manogharan A., Sami R.M.R., Mohan R. Identification of the motifs of beta-turns and mutated amino acids studies on bcr (Breakpoint cluster region) protein using insilico techniques. <i>International Journal of Research in Pharmaceutical Sciences</i> . https://doi.org/10.26452/ijrps.v11i4.3678	NIL
282.	Venugopal S. SARS CoV-2 infection induced changes in physiological function, <i>International Journal of Research in Pharmaceutical Sciences</i> 11 Special Issue 1	NIL
283.	Ragavan M.L., Das N. Production and Purification of Killer Toxin from Probiotic Yeasts and Its Effect on Foodborne Pathogens. <i>Journal of Microbiology, Biotechnology and Food Sciences</i> . https://doi.org/10.15414/jmbfs.2020.10.3.350-353	NIL
284.	Dash D.M., Itusha A., Jabez Osborne W. Bioremoval of acephate by biofilm- forming enterobacter cloacae – vitdaj8 in a vertical packed bed biofilm bioreactor. <i>Asia-Pacific Journal of Molecular Biology and Biotechnology</i>	NIL

285.	Kavi L., Chocangum K., Menta V., Krishnan K. Marine actinomycetes derived pyrrolo compounds mediated green synthesis of AgO and Ag ₂ O ₃ nanoparticles and its antidermatophytic activity. Nanoscience and Nanotechnology - Asia 10:6 DOI : 10.2174/2210681209666190923110244	NIL
286.	Nancy VeenaKumari D., Vickram A.S., Sridharan T.B. Plant Growth Promoting Rhizobacteria (PGPR) pseudomonas stutzeri from forest soil: A review. European Journal of Molecular and Clinical Medicine. 7:2,5721-5738	NIL
		299.778