

Avinashilingam Institute for Home Science and Higher Education for Women

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Coimbatore - 641 043, Tamil Nadu, India

DEPARTMENT OF BIOCHEMISTRY, BIOTECHNOLOGY AND BIOINFORMATICS

LIST OF PUBLICATIONS BY FACULTY

S.No.	Title of the paper	Name of the authors	Name of the Journal	Year of Publication	Vol. No.	Issue No.	Page No.	ISSN No.
1.	Absence of knowledge and awareness about cervical cancer among educated women: A need for education about cervical cancer	Sudha, B., Senthil Kumar, N. and Sumathi, S.	Indian Journal of Gynecologic Oncology	2022	20	11	1-8	2363-8397, 2363-8400
2.	Mechanistic study on thymoquinone conjugated ZnO nanoparticle mediated cytotoxicity and anticancer activity in triple negative breast cancer cells	Banupriya, S., Kavithaa, K., Poornima, A. Sumathi, S.	Anti-cancer agents in medicinal chemistry	2022	22		313-327	1871-5206 (print)
3.	An overview of Tofu: History, types, manufacturing process and health benefits	Shalini, K.V, Sanjitha, Sandhya, Vasuki and Kalaisevi Senthil	Journal of University of Shanghai for Science and Technolog	2021	23	10		1007-6735
4.	<i>In vitro</i> free radical scavenging potential of <i>Tabebuia pallida</i> leaf extracts	Suseela and Nirmaladevi, R	The Indian Journal of Nutrition and Dietetics	2021		S3	10 to 19	0022-3174
5.	Therapeutic potential of <i>Withania somnifera</i> (Linn) Dunal (Ashwagandha) in historical perspective and pharmacological evidence	Krishnapriya Santhanu and Kalaiselvi senthil	Annals of Ayurvedic medicine	2021	10	2	135 - 147	2277-4092

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6.	Evaluation of antioxidant potential of green synthesized <i>Tabebuia pallida</i> silver nanoparticles	Suseela and Nirmaladevi, R	Journal of Advanced Scientific Research	2021	12	S3	76-85	0976-9595
7.	Quantitative Phytochemical screening and GC/MS analysis of the ethanolic extract of <i>Tabebuia roseae</i>	Priyanka, Suseela and Nirmaladevi, R	The Indian Journal of Nutrition and Dietetics	2021	58	3	317-325	0022-3174
8.	Antagonistic activity of <i>Aspergillus giganteus</i> against filamentous fungal pathogens	Ramya, R and Kavitha D	Research Highlights	2021	31	1	20-25	2231-2374
9.	Synergistic effect of anethole and doxorubicin alleviates cell proliferation, cell cycle arrest and ER stress and promotes ROS mediated apoptosis in triple negative breast cancer cells	Poornima,A, S.J.S.Banupriya, Hamsa, P, Balusamy SR, Ramesh B and Sumathi S	Journal of Biochemical and Molecular Toxicology	2021	35	12	E22928	1099-0461
10.	Green synthesis and in silico characterization of 4-hydroxy-3-methoxy benzaldehyde schiff bases for insulin inhibition potential lead for type 2 diabetes mellitus	Sridevi C, Vasantha Raj, P., Suganya, K, Sumathi, S and Varadharajulu, V	Journal of Applied Pharmaceutical Science	2021	11	7	63 to 71	2231-3354
11.	Withaferin A – A natural multifaceted therapeutic compound	Sangeetha Vinod and Kalaiselvi Senthil	Current Botany	2021	12			2220-4822

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12.	Quantitative Proteomics Analysis for the Identification of Differential Protein Expression in Calf Muscles between Young and Old SD Rats Using Mass Spectrophotometry	Jin A. Kim, Preethi Vetrivel, Seong Min Kim, Sang Eun Ha, Hun Hwan Kim, Pritam Bhagwan Bhosale, Jeong Doo Heo, Won Sup Lee, Kalaiselvi Senthil, and Gon Sup Kim	ACS Omega	2021	6	11		2470-1343 (print); 2470-1343 (web)
13.	Curcumin and its modified formulations on inflammatory bowel disease (IBD): the story so far and future outlook	Adhimoolam Karthikeyan, Kim Na Young, Mohammad Moniruzzaman, Anteneh Maregn Beyene, Kyoungtag Do, Senthil Kalaiselvi, Taesun Min	Pharmaceutics	2021	13	4		1999-4923
14.	Synthesis, characterization and cytotoxicity of thymoquinone conjugated ZnO nanoparticles in triple negative breast cancer cells	Sampath K Banupriya, Krishnamoorthy Kavithaa, Arumugam Poornima, Sundaravadivelu Sumathi	Scrutiny international journal of Biological and environmental science	2021	7	8		1871-5206 (print) 1875-5992 (web)
15.	An In vitro study on the anti-angiogenic effect of <i>Majorana hortensis</i> leaves	S. T. Yamuna, B. Sowndharyalatha, A. Poornima and S. Sumathi	International Journal of Pharmaceutical Sciences Review and Research	2021	12	5		0976-044X
16.	Isolation, identification, and free radical scavenging potential of acetogenic rich fractions from <i>Annona muricata</i> leaves	Ilango, Suganya, Priyanka Jayachandran, and Ramalingam Nirmaladevi	The Indian Journal of Nutrition and Dietetics	2021				0022-3174

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17.	Study on clinical features of polycystic ovarian syndrome women of overweight and obese population	Velvizhi S and Annapoorani S	The Indian Journal of Nutrition and Dietetics	2021				0022-3174
18.	Prognostic Role of Emt Transcription Factors in Carcinoma- A Systematic Review and Meta-Analysis	Vidyalakshmi Subramanian, Xavier Joshna Catherine, Rajeswari Murugesan	Middle East Journal of Cancer	2021				2008-6709, 2008-6687
19.	Flavonolignans-routed synthesis of selenium nanowires (SeNWs) and their cytotoxicity, cell migration potential against triple negative breast cancer cells	Kavithaa, Krishnamoorthy & Paulpandi, Manickam & Vadivalagan Ph.D, Chithravel & Asaikkutti, Annamalai & Sundaravadivelu, Sumathi.	Micro & Nano Letters	2020	16	2		1750-0443
20.	An update on Degalactotigonin: Current perceptions on therapeutic properties	Hamsa D and Sumathi S	Journal of Huazhong University of Science and Technology	2020	50	3		1671-4512
21.	Potential use of <i>Brassica oleracea</i> L. (Purple cabbage) waste as a valuable source of natural colorant for the textile industry	M., Priyadarshini; Subash, Anitha; A., Shobana; A., Sujatha	Journal of Advanced Scientific Research	2021				0976-9595
22.	Immobilization and characterization of protease and peroxidase from crude and purified extracts of <i>Carica papaya</i> seeds and <i>Brassica oleracea</i> wastes	Jaincy Jayan, N., Shobana, A., Sujatha, A., Anitha Subash	International Journal for Research in Engineering Application & Management	2021				2454-9150

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23.	Mining of Algal Lipids for the Production of Biofuel Using <i>Oedogonium tyrolicum</i>	Karukuvel Raja R, Rekha Shanmugam, Sanjay Prasad S, K. V. Shalini	Journal of University of Shanghai for Science and Technolog	2021	23	9		1007-6735
24.	Solid waste Management - Current Situation and Challenge: A review	Anitha Subash, A. Shobana, A. Sujatha	Research Highlights	2021	31		107-116	
25.	Vaccines for Covid19	Anitha Subash	Research Highlights	2020	30		289-297	
26.	Isolation and characterization of pigments from soil microbes and its application	Nagadevi.B, Prasanna R Kovath and Angayarkanni. T	International Journal of Multidisciplinary Educational Research	2021	10	7(7)		2277-7881
27.	Phytochemical and anti-inflammatory activity of medicinal plants	C. V. Aswathi Sreenivasan*1 and T. Angayarkanni1	Asian Journal of Research in Chemistry and Pharmaceutical Sciences	2020	8	3	221-224.	
28.	Drug Receptor Interactions, Metabolism, and Preclinical Drugs for SARS COV 2	Angayarkanni Thirumalai, Chalos Angel Varghese, Harsha N, Deepika J	Int. J. Pharm. Sci. Rev. Res.,	2021			70-80	

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29.	Isolation and characterization of pigments producing bacteria and their possible use in textile industry	Muneefa K and and Angayarkanni. T	Journal of Advanced Scientific Research	2021	12	1	132-139	0976-9595
30.	Antagonistic mechanism of antifungal compounds from <i>Aspergillus giganteus</i> on human fungal pathogens	D.Kavitha and Ramya, K	International Journal of Pharmaceutical Sciences and Research	2021	12	12		0975-8232(online), 2320-5148(print)
31.	Current understanding of gut microbiota in tackling COVID-19	S. Sumathi, K. Suganya, K. Swathi, B. Sudha and S. Sneha	Annals of Phytomedicine	2021	10	1	1 to 13	2278-9839
32.	High-Throughput Virtual Screening for a New Class of Antagonist Targeting LasR of <i>Pseudomonas aeruginosa</i>	Aishwarya Vetrivel, Santhi Natchimuthu, Vidyalakshmi Subramanian, and Rajeswari Murugesu	ACS Omega	2021	6	28	18314 – 18324	2470-1343

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33.	A broad perspective on COVID-19: a global pandemic and a focus on preventive medicine	Sundaravadivelu Sumathi , Kandasamy Swathi, Kanagaraj Suganya, Balraj Sudha, Arumugam Poornima, Dharmalingam Hamsa and Sampath Kumar Banupriya	Traditional Medicine Research	2021	6	2	1-18	2413- 3973
34.	An in vitro study on the anti-angiogenic effect of <i>Majorana hortensis</i> leaves	S. T. Yamuna, B. Sowndharyalatha, A. Poornima and S. Sumathi	International Journal of Pharmaceutical sciences and Research	2021	12	5	1000- 1011	2320- 5148
35.	An update on Degalactotigonin: Current perceptions on therapeutic properties	Hamsa,D and Sumathi,S	Journal of Huazhong University of science and technology	2021	50	3	1-11	1671- 4512
36.	Assessment of polyethylene degradation by biosurfactant producing ligninolytic bacterium	Rangasamy Kavitha and Vembu Bhuvaneswari	Biodegradation	2021			https://doi.org/10.1007/s10532-021-09949-8 (0123456789).,volIV()0123458697(),-volIV)	0923- 9820
37.	Combinatorial effect of anethole and etoposide triggers cell death via	Poornima,A, S.J.S.Banupriya,K.Suganya, B.Sudha,K.Swathi and Sumathi,S	Journal of Huazhong University of science and technology	2021	50	3	1-15	1671- 4512

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	apoptosis in triple negative breast cancer cells,							
38.	<i>In vitro</i> antioxidant activity of <i>Annona muricata</i> leaves	Suganya Ilango, Priyanka Jayachandran, Ramalingam Nirmaladevi	Journal of Advanced Scientific Research Available	2021	12	1-Suppl 1	32-41	0976-9595
39.	Network Pharmacological Approach to Reveal the Pharmacological Targets and Its Associated Biological Mechanisms of Prunetin-5-O-Glucoside against Gastric Cancer	Vetrivel, Preethi; Murugesan, Rajeswari; Bhosale, Pritam Bhagwan; Ha, Sang Eun; Kim, Hun Hwan; Heo, Jeong Doo; Kim, Gon Sup	Cancers.	2021	13	8	https://doi.org/10.3390/cancers13081918	2072-6694
40.	Review: Approaches for network based drug discovery	Priyanka Jayachandran , Suganya Ilango , Biswaranjan Paital , Shravani Bhanja , Ramalingam Nirmaladevi	Frontiers in Bioscience-Scholar	2021	13	1	30-43	1093-9946 (print) 1093-4715 (web)
41.	Temporal morphometric analyses of <i>Pila globosa</i> in India for its use in aquaculture and food industry	Falguni Panda, Samar Gourav Pati, Abhipsa Bal, Shivangi Mathur, Ramalingam Nirmaladevi, Biswaranjan Paital	The Journal of Basic and Applied Zoology	2021	82	1	-	2090-990X (electronic)
42.	Therapeutic potential of processed fruits of <i>Durio ziberthinus</i>	Akshaya, S., Shalini, K.S., Suganya, I., Priyanka.J. and Nirmaladevi, R.	International Journal of All Research Education & Scientific Methods	2021	9	1	1076-1082	2455-6211

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43.	Analyses of In-vitro antioxidant and anticancer activity of <i>Cissus quadrangularis</i> stem extract in osteoblastic cell line – UMR - 106	Suchitra M R, Abinaya P, Sampathkumar P, Sumathi S, Poornima A, Parthasarathy S	International Journal of Research in Pharmaceutical Sciences	2020	11	4	5293-5300	0975-7538
44.	Antagonistic Activity of <i>Aspergillus giganteus</i> against Filamentous Fungal Pathogens	Ramya, R. and Kavitha, D.	Research Highlights	2020	31	1	20-25	2231-2374
45.	A review on drug safety, regulation and factors affecting the drug safety and efficacy	S. T. Shanmugapriya, T. Sritha, S. Sumithra, Angayarkanni Thirumalai	Advance Pharmaceutical Journal 2020; 5(6):201-205	2020	5	6	201-205	2456-1436
46.	Antagonistic efficiency of <i>Aspergillus giganteus</i> as a biocontrol agent against aflatoxigenic aspergillus flavus infecting maize	Krishnamurthy R., Padma P.R., Dhandapani K.	Journal of Pure and Applied Microbiology	2020	14	1	527-539	9737510
47.	Comparative proteomic analysis uncovers potential biomarkers involved in the anticancer effect of Scutellarein in human gastric cancer cells	VenuVenkatarama Gowda Saralamma, Preethi Vetrivel, , Ho JeongLee,Seong Min Kim, Sang Eun Ha, , Rajeswari Murugesan, EunHee Kim, Jeong Doo Heo and Gon SupKim	Oncology report	2020	44	3	939-958	1791-2431
48.	Compound Prunetin induces cell death in gastric cancer cell with potent anti-proliferative properties: in vitro assay molecular docking dynamics and ADMET	Preethi Vetrivel,Seong Min Kim ,Sang Eun Ha ,Hun Hwan Kim ,Pritam Bhagwan Bhosale	Bio molecules	2020	10	7	1086	2218-273x

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		,Kalaiselvi Senthil andGon Sup Kim						
49.	Enzyme mediated synthesis and characterization of silver nanoparticles using keratinase enzyme producing micro-organisms	B. Sudha, S. Sumathi and V.Swabna	Annals of Phytomedicine	2020	9	1	147-153	2393-9885
50.	Epigenetic alterations in cancer	Ilango, S., Paital, B., Jayachandran, P., Padma, P.R., Nirmaladevi, R.	Frontiers in Bioscience - Landmark	2020	1	25	1058-1109	1093-9946 (print) 1093-4715 (web)
51.	Establishment of callus and cell suspension culture of <i>Sophora alopecuroides</i> Linn. for the production of oxymatrine	Tsolmon, M., G. Oyundari, O. Yu, and K. Senti	Journal of Phytology	2020	12	-	35-39	2075-6240
52.	Evaluation of Antioxidant and Antibacterial activity of Methanolic extracts of <i>Annona muricata</i>	Nithya Devi, M and Nirmaladevi, R	International Journal of All Research Education & Scientific Methods	2020	8	11	708-714	2455-6211
53.	Flavonolignans-routed synthesis of selenium nanowires (SeNWs) and their cytotoxicity and cell migration potential negative breast cancer cells	Krishnamoorthy Kavithaa, Manickam Paulpandi, Chithravel Vadivalagan, Annamalai Asaikkutti and Sundaravadivelu Sumathi	micro and nanoletters	2020	-	-	1-5	Online 1750-0443

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54.	Identification of a novel strain of fungus <i>Kalmusia italica</i> from untouched marine soil and its heavy metal tolerance activity	S. Sumathi , V. , Priyanka , V. Krishnapriya and K. Suganya	Bioremediation Journal	2020	Online	-	-	1088-9868 (Print) 1547-6529 (Online)
55.	Impact of soaking sprouting on antioxidant and anti-nutritional factors in millet grains	G. Bhuvaneshwari, A. Nirmalakumari and S. Kalaiselvi	Journal of Phytology	2020	12	-	62-66	2075-6240
56.	Marker aided introgression of opaque 2(o2) allele improving lysine and tryptophan in maize (<i>Zea mays</i> L.)	Pukalenty B, Manickam D, Adhimoolam K, Mahesh SG, Ramanathan N, Chandran S, Sampathrajan V, Rajasekaran R, Arunachalam K, Senthil K, Muthusamy V, Hossain F and Natesan S.	Physiology and Molecular Biology of Plants	2020	26	9	1925-1930	0971-5894
57.	Molecular docking and Dynamic studies on the Bioactive principles of <i>Solanum nigrum</i> and synthetic drugs against Triple Negative Breast Cancer Targets	Sumathi Sundaravadivelu, Durgadevi Balu, Poornima Arumugam, Suganya Kanagaraj	International Journal of Pharmaceutical Sciences Review and Research	2020	63	1	143-148	0976-044X
58.	Prognostic Role of Emt Transcription Factors in Carcinoma- A Systematic Review and Meta Analysis	Vidyalakshmi Subramanian, Xavier Joshna Catherine, Rajeswari Murugesan	Middle East Journal of Cancer	2020	12	2	161-171	2008-6709

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59.	Rural Women Empowerment through Nutritional and Health Education on Consumption of Millets and its processed Products	Radha R, Kalaiselvi S, Lincy C and Vallikannu k	Research Journal of Agricultural Sciences	2020	11	5	1136-1138	0976-1675
60.	Screening and partial purification of protease produced by bacteria isolated from termite soil	Gayathri, R., Shobana,A., Sujatha, A. and Anitha Subash	Asian Journal of Microbiology, Biotechnology and Environment Sciences	2020	22	1	133-139	0972-3005
61.	Screening of key modulatory genes by Degalactotigonin in Triple Negative Breast Cancer Cells – An <i>in silico</i> approach	Hamsa D, Praveen Kumar K, Shanmugavel P, Poornima A, Sumathi S	Meta Gene	2020	26	-	100799	2214-5400
62.	Studies on genetic variability of <i>Capsicum frutescens</i> var. Cakra Hijau induced by ethyl methane sulphonate (EMS) using SSR marker	Nur Rahmattullah, Ranya Khrisnamurty, Kalaiselvi Senthil, Estri Laras Arumingtya	Current Botany	2020	11	-	125–131	2220-4822
63.	Study on reversal of ABCB1 mediated multidrug resistance in Colon cancer by acetogenins: An in- silico approach	M Jeevitha Priya, S Vidyalakshmi, M Rajeswari	Journal of Biomolecular Structure and Dynamics	2020			https://doi.org/10.1080/07391102.2018.55249	0739-1102
64.	Synthesis, characterisation and cytotoxicity of thymoquinone	Banupriya,S.J.S,Kavithaa, K,Poornima,A and Sumathi,S	Scrutiny international journal of Biological and	2020	7	8	-	ISSN - 2348 - 5787

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	conjugated ZnO nanoparticles in TNBC,		environmental science					
65.	An in vitro antibiofilm activity of <i>Chlorella vulgaris</i>	Sridevi NS, Dhnusha V, Rajeswari M and Santhi N	Asian Journal of Pharmaceutical and clinical research	2019	12	8	239-242	1868-6478, 1868-6486
66.	An in vitro antibiofilm activity of <i>Spirulina platensis</i>	Sridevi NS, Divyaprabha N, Rajeswari M and Santhi N.	Journal of Biological and Chemical research	2019			2319-3077	0970-4973, 2319-3072
67.	Antibacterial activity of synthesized silver nanoparticles from leaves of <i>Terminalia bellirica</i>	Nandhini. B, Priyanga and S.Gayathri Devi	Asian Journal of Multidimensional Research	2019			2278-4853	2278-4853
68.	Anticariogenic effect of <i>Vaccinium macrocarpon</i> Aiton against causative organisms of dental caries	S. Sumathi , K. Suganya, A. Vishali and P.R. Padma	Annals of Phytomedicine	2019	8	2	99-104	2393-9885
69.	Assessment of gluconic acid producing fungi as biocontrol agents against aflatoxigenic <i>Aspergillus flavus</i> and <i>Aspergillus parasiticus</i>	Ramya, K, Kavitha, D. and Padma, P. R.	Asian journal of Microbiology, Biotechnology, and Environmental Science	2019	21	4	1057-1062	0972-3005
70.	Characterization antimicrobial and metabolic activity of green and chemically synthesized ZNO nanoparticle	Sumathi.S., Banupriya.S.J.S.,Akhila.V and Padma,P.R.	Asian Journal of Pharmaceutical and Clinical research	2019	12	11	11-17	0974-2441

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71.	In Silico Antimicrobial Activity of Bioactive Compounds from Roots of <i>Pisonia grandis</i>	Rajeswari M, Santhi N and Sripathi, SK	International Journal of Pharmacy and Biological Sciences	2019	9	1	1125-1137	2230-7605
72.	Innovative nano-carriers in anticancer drug delivery – a comprehensive review	Peng Dong, K.P.Rakesh, H.M.Manukumar, Yasser Hussein Eissa Mohammed, C.S. Karthik, S.Sumathi, P.Mallu, Hua-Li Qin	Bioorganic chemistry	2019	85		325-336	0045-2068
73.	microRNAs: Epigenetic players in cancer and aging	Ganapathy T Iswariya, Biswaranjan Paital, Padma R P, Ramalingam Nirmaladevi	Frontiers In Bioscience (Scholar)	2019	11	1	29-55	online 1945-0524
74.	Molecular docking studies of derivatives of Majorana hortenssi leaves against antiapoptotic targets	Radha R and Padma PR	International Journal of ChemTech Research	2019	12	1	302-306	0974-4290
75.	Reverse screening bioinformatics approach to identify potential anti breast cancer targets using thymoquinone from neutraceuticals black cummin oil	Sumathi Sundaravadivelu, Sonia K. Raj, Banupriya S. Kumar, Poornima Arumugam and Padma P. Rangunathan	Anti-Cancer Agents in Medicinal Chemistry	2019	19	5	599-609	1875-5992/19
76.	A novel synergistic fibroblast optimization based Kalman estimation model for forecasting time - series data	Dhivyaprabha.,T.T., Subashini.P., Krishnaveni.M., Santhi.N., Ramesh Sivanpillai. And Jayashree, G.	Evolving Systems An Interdisciplinary Journal for Advanced Science and Technology	2018	10		205-220	1868-6486

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77.	A study on thrombolytic potential of <i>Moringa pterygosperma</i> Gaertn	Pappa Ammal. R, Pushpa.A and Nivetha.C.	Asian Journal of Multidimensional Research (AJMR)	2018	7	5	515-521	2278 - 4853
78.	Antidiabetic Activity of Synthesized silver nanoparticles of ethanolic extract of fruits of <i>Terminalia bellirica</i> in Streptozotocin induced diabetic rats	Kaviyarasi.P and Gayathri Devi.S	Asian Journal of Multidimensional Research	2018	7	5	372-375	2278-4853
79.	Antihyperlipidemic property of <i>Boerhavia diffusa</i> leaf extract in Streptozotocin- induced diabetic rats	Vasundhara,C.C.S and Gayathri Devi,S.	Asian Journal of Pharmaceutical and Clinical Research	2018	11	4	173-176	0974-2441
80.	Biomolecular protective effect of the methanolic extract of the flowers of <i>Caesalpinia pulcherrima</i> Swartz.	Yamuna, S.T. and Padma, P.R	International Journal of Pharmaceutical Sciences and Research	2018	10	2	802-810	2320-5148
81.	Cytotoxicity and insilico studies of anethole in Triple Negative Breast Cancer Cells	S Sumathi, A Poornima, D Muthukumari and P R Padma	International Journal of Pharmaceutical Sciences and Research	2018	9	8	3414-3419	0975-8232
82.	Effect of ethanolic extract of leaves of <i>Boerhavia diffusa</i> on carbohydrate metabolising enzymes renal and hepatic markers in streptozotocin induced diabetic rats	Vasundhara, C.C.S and Gayathridevi, S.	International Journal of Pharmaceutical and Clinical Research	2018	31	1	223-227	0975-1556

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83.	Estimation of total flavonoid phenolic content and free radical scavenging potential of <i>Glycyrrhiza glabra</i> root extract	Velvizhi, S. and Annapurani S,	Asian Journal of Pharmaceutical and Clinical Research	2018	11	4	231-235	0974-2441
84.	Evaluation of metallothioneins in the cultured human lymphocytes on exposure to silver ions, World Journal of Pharmacy and Pharmaceutical Sciences,	Shalini, K.V and Jeyanthi, G.P	World Journal of Pharmacy and Pharmaceutical Sciences	2018	7	8	922-945	2278-4357
85.	Evaluation of risk factors and impact of body mass index (BMI) on metabolic syndrome in polycystic ovarian syndrome (PCOS) women of selected population	Velvizhi S, Annapurani S	Asian Journal of Multidimensional Research	2018	7	5	555-562	2278-4853
86.	In vitro Antioxidant Activity screening of Protease Enzyme isolated from Termite soil Bacteria	Sujatha. A, Anitha Subash and Shobana. A	Asian Journal of Multidimensional Research	2018	7	5	263-269	2278-4853
87.	In vitro evaluation of anti leukemic activity of the methanol extract of <i>Citrus limetta</i> <i>Citrus sinensis</i> pulp and Narinogenin	Ishwarya, G.T., Padma, P.R. and Nirmaladevi, R	International Journal of Research and Reviews in Pharmacy and Applied science	2018	9	1	055-068	2249-1236
88.	Isolation and Purification of an extracellular protease from <i>Bacillus subtilis</i> ASASBT isolated from termite soil	Sujatha.A and Anitha Subash	International Journal of Pharmaceutical Science and Research	2018	9	11	4812-4819	23205148

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89.	Preliminary studies on <i>Coriandrum sativum</i> - Alzheimers disease	Nandhini. B; Deepika. A. and Anitha Subash	Asian Journal of Multidimensional Research	2018	7	5	395-403	2278-4853
90.	A study on phytochemical analysis and cytotoxic activity of ethanolic extract of <i>Anona muricata</i>	Nithya Devi,M., Iswariya,G.T., Padma,P.R and Nirmaladevi,R	International Journal of Applied and Advanced Scientific Research	2017	2	2	286-293	2456-3080
91.	A Study on the influence of plant growth regulation on shoot multiplication and evaluation of major withanolides in <i>Withania somnifera</i>	Parameswari Murugesan., Estri Laras, A., Joni K., Valizadeh, M and Kalaiselvi, M	World Journal of pharmacy and pharmaceutical sciences	2017	6	8	842-853	2278-4357
92.	Anticancer activity of plant protein against dalton's lymphoma ascites tumor cell lines	Srilatha. M., Santhi, R. and Annapurani, S	Asian Journal of Pharmaceutical and Clinical Research	2017	10	1	206-210	0974-2441
93.	Comparative study on polycystic ovarian syndrome in normal, overweight and obese women of selected Population	Velvizhi S, Annapurani S	International Journal of Development Research	2017	7	12	18084 - 18087	2230-9926
94.	Effect of ethanolic extract of <i>C. senna</i> leaves (EECSL) on marker enzymes of Ehrlich Ascites Carcinoma (EAC) induced mice	Amutha Priya. R and Suganthi. B	International Journal of Pharmaceutical Sciences Review and Research	2017	46	2	22-27	0976044 X
95.	Effects of Glycyrrhiza glabra roots in combating Polycystic ovarian syndrome in letrozole induced inflammation in rats	Velvizhi, S. and Annapurani S,	International Journal of Current Research	2017	9	11	61195 - 61198	0975-833X

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96.	Embryotoxicity In Danio Rerio using <i>Foeniculum vulgare</i> and its abortifacient activity	Poornima Venkatesh., Sulagna Mukherjee., N.Sanathi., Guruprasad Ramakrishna	International Journal of Pharmaceutical Sciences and Research	2017	8	3	469-1475	0975-8232
97.	Free radical scavenging activity of leaves of <i>Volkameria inermis</i>	Lavanya, K., Santhi, R. and Annapurani, S	International journal of current Research	2017	9	3	48289 - 48293	0975-833X
98.	Identification of differentially expressed genes in omental adipose tissues of obesity and Type2 diabetes: A meta analysis of microarray datasets	Vetrivel Preethi, Murugesan Rajeswari, Senthil Kalaiselvi And Natchimuthu Santhi	Int. J. Pharma Bio Sci	2017	9	4	135-144	09756299
99.	Incorporation of Natural Antimicrobials in Edible Films for Food Preservation: A Review	Kavitha.D, Ramya, K and Padma, P.R.	Asian Journals of Advanced Basic Sciences	2017	5	2	54-59	2347-4114
100.	Influence of Auxin on biomass production and withanolide accumulation in adventitious root culture of Indian rennet: <i>Withania Coagulans</i>	Parameswari Murugesan and Kalaiselvi Senthil	Asian Journal of Pharmaceutical and Clinical Research	2017	10	7	131-134	9742441
101.	Intracellular uptake of PEG functionalized Baicelein loade iron oxide nanoparticles regulates apoptotic genes in triple negative breast cancer cells: mitochondrial pathway targeted therapy for breast cancer	Kavithaa, K., Sumathi, S. and Padma, P.R.	Journal of Cluster Science	2017	28		2057–2073	1040-7278

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102.	Novel T-C@Ag NPs mediated biocidal mechanism against biofilm associated methicillin resistant <i>Staphylococcus aureus</i> (Bap-MRSA) 090 cytotoxicity and its molecular docking studies	Manukumar,H.M., Chandrasekhar B., Rakesh, K.P., Anada, A.P., Nandhini, M., Lalitha,P., Sumathi,S., Qin,H-L. and Umesha,S.	Medicinal Chemistry Communication	2017	8		2181-2194	2040-2503
103.	Occupational exposure to photocopiers and their toners cause genotoxicity	V Kasi, N Elango, S Ananth, B Vembhu and and JG Poornima	Human and Experimental Toxicology	2017	37	2	205-217	0960-3271
104.	Optimization of laccase production from <i>Bacillus</i> sp. PK4 through statistical design of experiments	Murugesan Rajeswari and Vembu Bhuvaneswari	Microbiology and Biotechnology Letters	2017	45	4	330-342	2234-7305
105.	Phytochemical screening Antioxidant activity and antimicrobial activity of <i>Allium tuberosum</i>	Angayarkanni, T., Dhivya.R and Santhy.A.S	World Journal of Pharmaceutical Research	2017	6	16	994-1004	2277-7105
106.	Phyto fabrication and encapsulated of silver nanoparticles from <i>Gloriosa superba</i>	Devi, MS; Ashokkumar, K; Annapoorani, S	Materials Letters	2017	188	1	197-200	0167-577X
107.	Proximate analysis of selected green leafy vegetables in fresh water 75% of silk dyeing effluent and biotreated effluent.	Sumaya, A.R. and Sivagami, S.	Research Journal of Pharmacology and Technology	2017	6	1	20-24	0974-360X (Online) 0974-3618 (Print)

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108.	Withanolides against TLR4-Activated Innate Inflammatory Signalling Pathways: A Comparative Computational and Experimental Study	Preethi M P, Jin-Man Kim, Eun-Kyeong Jo, Kalaiselvi S	Phytotherapy Research	2017	31	1	152-163	1099-1573
109.	Anticancer activity of silver nanobioconjugates synthesised from Piper betle leaves extract and its active compound eugenol	Preethi, R. Padma, P.R.	International Journal of Pharmacy and Pharmaceutical Sciences	2016	8	9	201-205	0975-1491
110.	Antiobesity activity of ethanolic extract of fruits of Terminalia bellirica on atherogenic diet induced obesity in experimental rats	Mary Shoba Das,C. Gayathri Devi, S.	Journal of Chemical and Pharmaceutical Research	2016	8	3	191-197	0975-7384
111.	Antioxidant status and radical scavenging effects of <i>Bacopa monnieri</i> (L.) Pennell	Radha, P. Padma, P.R.	Annals of Phytomedicine	2016	5	1	104-109	2393-9885
112.	Apoptosis-induced <i>in vitro</i> anticancer activity of methanolic extract of leaves and rhizomes of <i>Curcuma amada</i> Roxb. against breast cancer cells	Sivaprabha, J. Dharani, B. Padma, P.R. Sumathi, S.	International Journal of Green Pharmacy	2016	10	2	98-103	0973-8258
113.	Biocompatibility of biosynthesized silver nanobioconjugates derived from methanolic extract of <i>Piper betle</i> leaves	Preethi, R. Padma, P.R.	Indo American Journal of Pharmaceutical Research	2016	6	5	5661-5670	2231-6876

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114.	Biocompatibility of silver nanobioconjugates from <i>Vitis vinifera</i> seeds and its major component resveratrol	Preethi R Padma PR	International Journal of Drug Delivery Techology	2016	6	3	99-109	0975-4415
115.	Biometric analysis of selected green leafy vegetables in fresh water different concentrations of effluent and biotreated effluent	Sumaya, A.R. and Sivagami, S.	World Journal of Pharmaceutical Research	2016	10	8	72137-7214	2277-7105
116.	Biomolecule-Protective activity of the bacoside fraction from <i>Bacopa monnieri</i>	Mohana, M. Padma, P.R.	Asian Journal of Science and Technology	2016	7	3	2657-2652	0976-3376
117.	Biosynthesis and bioactivity of silver nanobioconjugates from grape (<i>Vitis vinifera</i>) seeds and its active component resveratrol	Preethi R Padma PR	International Journal of Pharmaceutical Science and Research	2016	7	10	4253-4562	0975-8232
118.	Characterisation of anethole coated iron oxide nanoparticles and assessment of its biological activity	Banupriya, S., Kavithaa, K., Padma, P.R. Sumathi, S.	European Journal of Biomedical and Pharmaceutical Sciences	2016	3	1	272-278	2349-8870
119.	Comparative Phytochemical Screening and Total Phenolic Content of Different Extracts of <i>Ficus racemose</i> , <i>Morinda tinctoria</i> and <i>Nerium indicum</i> fresh leaves	Hemmalakshmi, S, Annapurani, S and Gayathri Devi, S	Research Journal of Pharmacology and Technology	2016	9	12	2222-2227	0974-3618
120.	Comparison of enzymic and non-enzymic antioxidants status in the	Jagathambal, M. Padma, P.R.	International Journal of Pharmacy and	2016	6	3	1-13	2349-7203

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	leaves of five selected plants from <i>Apiaceae</i> family		Pharmaceutical Research					
121.	Cytotoxic Effect of Citrus limetta and <i>Citrus sinensis</i> on Molt-3 Cell line	Iswariya,G.T., Suganya,V., Padma,P.R Nirmaladevi,R	International Journal of Pharmaceutical Sciences Review and Research	2016	41	2	111-115	0976044 X
122.	Effect of bacoside fraction from <i>Bacopa monnieri</i> against oxidative stress-induced apoptosis in untransformed (buccal) and transformed (KB Oral Carcinoma) cells	Mohana, M. Padma, P.R.	International Journal of Pharmaceutical Research and Bio-Science	2016	5	2	75-88	2277-8713
123.	Evaluation of withaferin a content in different accessions and in <i>in vitro</i> cultures of <i>Withania coagulans</i> (Stocks) Dunal.	Bagheri A. Valizadeh M. Sharifi A. Kalaisevi S.	Iranian Journal of Medicinal and Aromatic Plants	2016	32	2	231-244	0905-1735
124.	Free radical scavenging activity of the bacoside fraction from <i>Bacopa monnieri</i>	Mohana, M. Padma, P.R.	International Journal of Current Pharmaceutical Review and Research	2016	8	2	61-64	0975-7066
125.	Green synthesis of silver nanobioconjugates from <i>Piper betle</i> leaves and its anticancer activity of A549 cells	Preethi R Padma PR	Asian Journal of Pharmaceutical and Clinical Research	2016	9	1	252-257	0974-2441

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126.	Hepatoprotective and antioxidant role of <i>Ziziphus jujube</i> leaves on paracetamol induced hepatic damage in rats	Preethi, J. Vennila, K. Penislusshiyam, S. Velvizhi, S.	Journal of Diseases and Medicinal Plants	2016	2	1	1-10	2469-8210
127.	<i>In vitro</i> and omics technologies opens a new avenue for deciphering withanolide metabolism in <i>Withania somnifera</i>	Pankajavalli, T. Kalaiselvi, S.	International Journal of Pharmacy and Pharmaceutical Sciences	2016	8	7	17-26	0975-1491
128.	Induction of intrinsic apoptotic pathway and cell cycle arrest via baicalein loaded iron oxide nanoparticles as a competent nano-mediated system for triple negative breast cancer therapy	Kavithaa, K., Paulpandi, M., Padma, P.R. Sumathi, S.	RSC Advances	2016	6		64531 - 64543	2046-2069
129.	Induction of intrinsic apoptotic pathway in human breast cancer (MCF-7) cells through facile biosynthesized zinc oxide nanorods	Kavithaa, K. Paulpandi, M. Ponraj, T. Murugan, K. Sumathi, S.	Karbala International Journal of Modern Science	2016	2	1	46-55	2405-609X
130.	Influence of fresh water 75% of silk dyeing effluent and biotreated effluent on the mineral contents of the selected GLVS (Green Leafy Vegetables)	Sumayya, A.R. Sivagami, S.	World Journal of Pharmaceutical Research	2016	5	3	676-680	2277-7105
131.	Investigation on the mechanism of action of the leaves of <i>Trianthema portulacastrum</i> on human pathogens	Kavitha, D. Vidhya, S. Padma, P.R.	Asian Journal of Pharmaceutical and Clinical Research	2016	9	3	135-146	0974-2441

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132.	Isolation and characterization of the bacoside fraction from <i>Bacopa monnieri</i>	Mohana, M. Padma, P.R.	World Journal of Pharmacy and Pharmaceutical Sciences	2016	5	4	1513-1521	2278-4357
133.	Isolation of flavonoid fractions from the leaves of <i>Volkameria inermis</i> and its <i>in vitro</i> cytotoxic study	Krishnadas, L., Santhi, R and Annapurani, S	International Journal of Pharmaceutical and clinical research	2016	8	12	1648-1653	0975-9506
134.	Kaempferol exerts a differential effect on KB oral carcinoma cells and normal human buccal cells	Sivapriyadarshini S. Padma, P.R.	International Journal of Pharma and Bio Sciences	2016	7	3	1244-1252	0975-6299
135.	Metabolite Profiling of <i>In vitro</i> Cultured and Field Grown Rhizomes of <i>Acorus calamus</i> from Mongolia Using GC-MS	Deepalakshmi, P.D. Odgerel, K. Pankajavalli, T. Yungeree, O. Khorolrgchaa, A. Kalaiselvi, K.	Chromatographia	2016	79		1359-1371	0009-5893
136.	Overexpression of geraniol 10-hydroxylase from <i>Panax ginseng</i> conferred enhanced resistance to <i>Pseudomonas syringae</i> in <i>Arabidopsis</i>	Balusamy, S.R.D. Rahimi, S. Cho YG., Kalaiselvi, S. Yang, D.C	Plant Growth Regulation	2016	81		305-316	1676903
137.	Pancreatic lipase inhibitory activity of leaves fruits and bark of <i>Terminalia bellirica</i>	Mary Shoba Das,C. Gayathri Devi, S.	Wide Spectrum	2016	4.9	33-38	2250-2815	2250-2815
138.	Physical characterization of Battery Slag Leachate	Jeba Sweetly, D. Suganthi, B.	International Journal of Pharmaceutical and Chemical Sciences	2016	5	2	146-149	2277-5005

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139.	Phytochemical analysis and free radical scavenging potential of <i>Medicago sativa</i> Linn seeds	Gomathi, R. Banu, S. Usha, K.	International Research Journal of Pharmacy	2016	7	6	71-76	2230-8407
140.	Phytochemical and antioxidants in leaf extracts of <i>Thespesia populnea</i> – An important medicinal plant	Santhi, R. and Annapurani, S	Wide Spectrum	2016	4	8	18-32	2250-2815
141.	Pomegranate-A double edged sword for Thrombolysis and oxidative stress	Shalini, H.K. Pushpa, A.	World Journal of Pharmaceutical Research	2016	5	4	1780-1793	2277-7105
142.	Production of extracellular laccase from the newly isolated <i>Bacillus</i> sp. PK4	M Rajeswari V Bhuvaneswari	African Journal of Biotechnology	2016	15		1818-1826	1684-5315
143.	Protective effect of the flowers of <i>Caesalpinia pulcherrima</i> Swartz. against oxidative stress-induced apoptotic events in <i>Saccharomyces cerevisiae</i> cells	Yamuna, S.T. and Padma, P.R,	Indo American Journal of Pharmaceutical Research	2016	6		5788-5799	2231-6876
144.	Thrombolytic potential of <i>Punica granatum</i> and lipid profile: A correlation analysis	Shalini, H.K. Pushpa, A.	Journal of Chemical and Pharmaceutical Research	2016	8	3	534-540	0975-7384
145.	Antibacterial activity of herbal preparation -Agnijith	Karthiha N., Gayathri Devi S.	International Journal of Phytomedicine	2015	7	1	18-22	(0)9750185

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146.	Antimicrobial efficacy of silver nanoparticles conjugated with <i>Agertina adenophora</i> leaf extract.	Ramya, N., Mayuri, P.K., Santny, A.S. and Angayarkanni, T.	Asia Pacific Journal of Research	2015	1		170-176	2347-4793
147.	Antioxidant potential of the roots of <i>Coleus forskohlii</i> in Balb/C mice with DLA tumor	Malarvizhi A., Sivagami Srinivasan	International Journal of Pharmaceutical Sciences Review and Research	2015	31	1	38-41	0976044 X
148.	Assessment of Enzymic, Non-enzymic antioxidants and <i>in vitro</i> free radical scavenging activities of different extracts of leaves and roots of <i>Eclipta alba</i> .	Karunambigai, A. and Gayathridevi, S.	International Journal of Life Sciences Biotechnology and Pharmaceuticals Research.	2015	4	4	1-10	2250-3137
149.	Biometric analysis of selected green leafy vegetables in fresh water different concentrations of effluent and biotreated effluent.	Sumaya, A.R. and Sivagami, S.	International Journal of Advances in Pharmacy, Biology and Chemistry.	2015	4	4	805-808	2277-4688
150.	Comparative chemometric profiles between leaf tissues of <i>Withania somnifera</i> cultured <i>in vitro</i> and field	Thirugnanasambantham P., Senthil K., Oh T.-J., Choi H.-K.	International Journal of Pharmacy and Pharmaceutical Sciences	2015	7	11	66-71	(0)97514 91
151.	Degradation of textile dyes by isolated bacterial strain	Rajeswari M., Parameswari D., Bhuvanewari V.	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	2015	17	3	661-666	9723005

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152.	Effect of <i>Coleus forskohli</i> root extracts on liver marker enzymes.	Malarvizhi. A. and Sivagami Srinivasan	Journal of Acute Disease	2015	4	3	158-162	2221-6189
153.	Evaluation of antioxidant potential in the leaves and seeds of <i>Boerhavia diffusa</i>	Vasundhara C.C.S. and Gayathri Devi S.	International Journal of Pharmaceutical Sciences Review and Research	2015	31	1	223-227	0976044 X
154.	Evaluation of lenticular reduced glutathione ascorbic acid and lipid peroxidation levels among cataractous men.	Sreeja, S., Jeyanthi, G.P. and Gayathridevi. S.	Journal of Chemical, Biological and Physical Sciences	2015	4	4	61-65	2249-1929
155.	Free radical scavenging activity and comparative metabolic profiling of <i>in vitro</i> cultured and field grown <i>Withania somnifera</i> roots	Kalaiselvi Senthil,Pankajavalli Thirugnanasambantham, Taek Joo Oh, So Hyun Kim,Hyung Kyoon Choi	PLoS ONE	2015	10	4	1-14	1932620 3
156.	Free radical scavenging activity of bark of <i>Terminalia bellirica</i>	Mary Shoba Das C., Gayathri Devi S.	International Journal of Pharma and Bio Sciences	2015	6	1	733-742	(0)97562 99
157.	Free radical scavenging activity of leaves of <i>Boerhavia diffusa</i>	Vasundhara C.C.S., Gayathri Devi S.	International Journal of Pharma and Bio Sciences	2015	6	3	77-84	(0)97562 99

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158.	Hepatoprotective effect of aqueous leaf extract of <i>Erythrina subumbrans</i> in ammonium acetate induced hepatotoxicity in mice	Velvizhi S., Nithya P.	International Journal of Pharmaceutical Sciences Review and Research	2015	8	1	7-12	0976044 X
159.	<i>In vitro</i> antioxidant activity of <i>Prosopis cineraria</i> leaves against H ₂ O ₂ -induced oxidative stress in goat liver slices	Dharani B, Sivaprabha Ja, Palghat Raghunathan Padma, Sumathi,S	International Journal of Pharmacy and Pharmaceutical Sciences	2015	7	5	33-37	9751491
160.	<i>In vitro</i> cytotoxicity and glucose uptake activity of fruits of <i>Terminalia bellirica</i> in Vero L-6 and 3T3 cell lines	Mary Shoba Das C., Gayathri Devi S.	Journal of Applied Pharmaceutical Science	2015	5	12	92-95	2231335 4
161.	<i>In vitro</i> evaluation of enzymic antioxidants in the seed and leaf samples of <i>Syzygium cumini</i> and <i>Memordica charantia</i> .	Sharmila, R. and Pushpa, A.	International Journal of Pharmacy and Pharmaceutical Sciences	2015	5	12	476-480	0975-1491
162.	<i>In vitro</i> glucose binding activity of <i>Terminalia bellirica</i>	Mary Shoba Das C., Gayathri Devi S.	Asian Journal of Pharmaceutical and Clinical Research	2015	8	2	320-323	(0)97424 41
163.	<i>In vitro</i> propagation and enhancement of phytoconstituents in <i>Withania coagulans</i> .	Preethi. M.P., Archana, T.M., Pradeepa, D. Kalaiselvi, S.	Bulletin of Environment, Pharmacology and Life Sciences	2015	4	7	122-131	2277-1808
164.	Induction of DNA damage by the leaves and rhizomes of <i>Curcuma amada</i> Roxb in breast cancer cell lines	Sivaprabha, J., Dharani, B., Padma, P.R. Sumathi, S.	Research Journal of Recent Sciences	2015	4	1	12-17	2277-2502

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165.	Influence of methanolic extract of <i>Zea mays</i> leaves against CCl ₄ and H ₂ O ₂ induced oxidative stress in <i>Drosophila melanogaster</i>	Kiruthika, B., Jincy, P.A. and Padma, P.R.	Indo American Journal of Pharmaceutical Research	2015	5	1	566-577	2231-6876
166.	Optimization of laccase production from <i>Bacillus cereus</i> TSS1 using Box-Behnken design	M Rajeswari, K Vennila, V Bhuvaneshwari	International Journal of Chemical and Pharmaceutical Sciences	2015	6	1	95-101	0976-9390
167.	Optimization of process parameters for α -amylase production under solid-state fermentation by <i>Aspergillus awamori</i> MTCC 9997	Kalaiarasi K., Parvatham R.	Journal of Scientific and Industrial Research	2015	74	5	286-289	224456
168.	<i>Prosopis cineraria</i> leaf extract protect H ₂ O ₂ induced oxidative stress – induced cell death in <i>Saccharomyces cerevisiae</i> .	Dharani, B., Sivaprabha, J., Padma, P.R. and Sumathi, S.	Asian Journal of Pharmaceutical and Clinical Research	2015	8	2	311-315	0974-2441
169.	Proteomic analysis of ageing in black gram (<i>Vigna mungo</i> L.) seeds and its relation to seed viability	Sathish S., Ahamed R., Senthil N., Arulkumar N., Park H.S., Kalaiselvi S., Umarani R., Raveendran M., Bhaskaran M., Kim G.S.	Plant OMICS	2015	8	3	201-211	18360661
170.	Status of enzymatic antioxidants in eye lens extracted from cataractous subjects	Sreeja S., Jeyanthi G.P., Gayathri Devi S.	International Journal of Pharmacy and Pharmaceutical Sciences	2015	7	7	139-142	9751491

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171.	The Cytotoxic activity of roots of <i>Coleus forskohlii</i> against Daltons Lymphoma (DLA) cells.	Malarvizhi. A. and Sivagami Srinivasan	WORLD JOURNAL OF PHARMACY AND PHARMACEUTICAL SCIENCES	2015	4	7	723-732	2250-3153
172.	Transcriptome analysis reveals <i>in vitro</i> cultured <i>Withania somnifera</i> leaf and root tissues as a promising source for targeted withanolide biosynthesis	Kalaiselvi Senthil, Murukarthick Jayakodi, Pankajavalli Thirugnanasambantham, Sang Choon Lee, Pradeepa Duraisamy, Preethi M Purushotham, Kalaiselvi Rajasekaran, Shobana Nancy Charles, Irene Mariam Roy, Arul Kumar Nagappan, Gon Sup Kim, Yun Sun Lee, Senthil Natesan, Tae-Sun Min & Tae Jin Yang	BMC Genomics	2015	16	14	1-16	14712164
173.	A comparison of <i>in vitro</i> free radical scavenging activity of fresh and dry rhizomes of <i>Curcuma longa</i>	Mohana, M. Padma, P.R	International Journal of Pharma and Biosciences	2014	5	2	673 – 681	0975-6299
174.	A quest for potent plant based thrombolytics	Kumar, S.H. Pushpa, A	Journal of Pharmaceutical and Biological Research	2014	2	8	168-173	2347-8330
175.	A study of purification profile and molecular weight of fish visceral	Vijayalakshmi, G., Subash, A. and Shobana, A.	International Journal of Current Research	2014	6	3	6042-6045	0975-833X

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	protease precipitated with different precipitating agents.							
176.	Allelopathic effect of parthenium hysterophores plant and its component on the growth attributes of Green gram and soybean	Suganthi, B. Pushpa, A.	Helix	2014	6	10	635-640	2319-5592
177.	Analysis of chemical characteristics in untreated and biotreated silk dyeing effluent by <i>Azospirillum</i> sp. and <i>Pseudomonas fluorescens</i>	Sumayya, A.R. and Srinivasan, S.	International Journal of advances in Pharmacy, Biology and Chemistry	2014	3		176-179	2277-4688
178.	Analysis of expressed sequence tags from a normalized cDNA library of perilla (<i>Perilla frutescens</i>)	Lee, S., Lee, J., Kim, N., Park, J.Y., Kim, H.U., Lee, H.O., Choi, B., Kim, K., Lee, J., Lee, M., Senthil, K., Jiang, X. Sun, C., Kim, T. Yang, T.	Journal of Plant Biology	2014	57	1	312-320	1226-9239
179.	Antibacterial activity of leaves and roots of <i>Eclipta alba</i>	Karunambigai, A. Gayathri Devi, S.	International Journal of Pharmacy and Pharmaceutical Sciences	2014	6	1	454-456	0975-1491
180.	Antioxidant Potential of <i>Artemisia vulgaris</i> L. Leaves	Haniya, A.M.K. and Padma, P.R.	World Journal of Pharmacy and Pharmaceutical Sciences	2014	3	2	654-660	2278-4357

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181.	Assessment of <i>Trianthema portulacastrum</i> for its antimicrobial potential and investigation of their phytochemicals using HPTLC GC-MS and IR	Kavitha, D., Parvatham, R. and Padma, P.R.	International Journal for Pharmacy and Pharmaceutical Sciences	2014	6	1	675-686	2320-7353
182.	Biochemical and rheological characterization of protease from fruits of <i>Withania coagulens</i> with a milk clotting activity	Beigomi, M., Mohammadifar, M.A., Hashemi, M., Rohani, M.G., Senthil, K. Valizadeh, M.	Food Science and Biotechnology	2014	23	5	1805-1813.	1226-7708
183.	Biodegradation of low density polyethylene by bacterial isolated from oil contaminated soil	Kavitha, R., Mohanan, A.K. and Bhuvneshwari, V.	International Journal of Plant, Animal and Environmental Science	2014	4	7	601-610	2231-4490
184.	Biotoxicity analysis of fishes in fresh water untreated and biotreated silk dyeing effluent	Sumayya, A.R. Srinivasan, S.	Journal of Chemical, Biological and Physical Sciences	2014	4	1	2258-2264	2249-1929
185.	Cardiac biomarkers and atherogenic indices in hypertensive postmenopausal women with co-morbidities	Salini, A. Jeyanthi, G.P.	International Journal of Pharmaceutical Research and Bioscience	2014	3	2	389-406	2277-8713
186.	Cardioprotective effect of ethanolic extract of <i>Medicago sativa</i> stem on isoproterenol induced myocardial infarction in Wistar Albino rats	Gomathi, R., Vijipriya, M. and Usha, K	International Journal of Pharmacy and Pharmaceutical Sciences	2014	6	1	839-842	0975-1491

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187.	Comparative evaluation of free radical scavenging activity of <i>Cleome viscosa</i> and <i>Trichodes maindicum</i>	Sangeetha S., Mary shoba das, C. and Gayathri Devi, S.	International Journal of Pharmacy and Pharmaceutical Sciences	2014	6		318-325	0975-1491
188.	Cytotoxic activity of the methanolic extract of leaves and rhizomes of <i>Curcuma amada</i> Roxb against breast cancer cell lines	Jambunathan, S. Bangarusamy, D. Padma, P.R. Sumathi, S.	Asian Pacific Journal of Tropical Medicine	2014	4	3	S774-S778.	1995-7645
189.	Effect of <i>Artemisia vulgaris</i> leaf extract on antioxidant status of primary chick embryo fibroblast	Sharmila, K. and Padma, P.R	International Journal of Pharma and Biosciences	2014	5	11	731-738	9756299
190.	Effect of exogenous indole-3-butyric acid and indole-3-acetic acid on biomass and secondary metabolites from <i>in vitro</i> root cultures of <i>Withania somnifera</i> – Jawahar 20 cultivar.	Pankajavalli, T., Kalaiselvi, R., Pradeepa, D. Senthil, K.	International Journal of Pharma and Bio Sciences	2014	5	3	971-979	0975-6299
191.	Effect of individual and combined application of biofertilizers vermicompost and inorganic fertilizers on soil enzymes and minerals during the post harvesting stage of chilli (NS 1701)	Densilin, D.M. Srinivasan, S.	Research Journal of Agricultural and Environment Management	2014	3	4	434-441	2315-8719
192.	Effect of sucrose and auxin concentration on induction of <i>in vitro</i> adventitious roots of <i>Withania somnifera</i>	Pradeepa, D., Kalaiselvi, R., Pankajavalli, T. Senthil, K.	International Journal of Pharma and Bio Sciences	2014	5	3	596-603	0975-6299

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193.	Effect of <i>Tridax procumbens</i> extract on calcium oxalate crystallization under <i>in vitro</i> conditions	Kalpana, S., Shrinidhi, R. Niramaladevi, R.	Advances in Applied Science Research	2014	5	9	411-416	0976-8610
194.	Effects of secondary metabolites status of Bacillus Spp. on fungal pathogen <i>Alternaria alternata</i>	Angayarkanni, T. Subash, A.	Asian Journal of Microbiology, Biotechnology and Environmental Science	2014	16	12	201-204	0972-3005
195.	Efficacy of talc-based formulation of pseudomonas fluorescens on the management of leaf spot disease of <i>Stevia rebaudiana</i> Bertoni	Angayarkanni, T., Subash, A., and Kamalakannan, A.	Helix	2014	0	1	460-467	2319-5592
196.	Evaluation of free radical scavenging activity of selected parts of <i>Cassia senna</i>	Priya, R.A., Suganya, V., Suganthi, B. Aishwarya, K	International Journal of Pharmaceutical Sciences Review and Research	2014	27	3	74-78	0976044 X
197.	Evaluation of <i>in vitro</i> free radical scavenging activity of <i>Tephrosia purpurea</i>	Gayathri Devi, S. Sabna, K.A. Das, C.M.S.	World Journal of Pharmacy and Pharmaceutical Sciences	2014	3	2	1236-1244	2278-4357
198.	Evaluation of renal status among hypertensive postmenopausal women with and without renal insufficiency	Salini, A. Jeyanthi, G.P.	Research Journal of Recent Sciences	2014	3	2	327-331	2277-2502
199.	Evaluation of selected medicinal plants its antilithiatic potential under <i>in vitro</i>	Shrinidhi, T., Kalpana, S. and Nirmaladevi, R.	American Journal of Pharmacy and Health Research	2014	2	5	203-211	2321-3647

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200.	Evaluation of thrombolytic activity of <i>Murraya koenigii</i> and <i>Spinacia oleracea</i> <i>in vitro</i> and <i>in vivo</i>	Pappa Ammal, R. Pushpa, A.	Helix	2014	6	1	622-630	2319-5592
201.	Evaluation of liver function markers among workers in jewellery units	Shalini, K.V. and Jeyanthi, G.P.	International Journal of Pharmacy and Pharmaceutical Sciences	2014	6	1	388-392	0975 – 1491
202.	Flavonoid content and antibacterial activity of <i>Albizia julibrissin</i> .durazz leaf stem and flower extracts against clinically isolated bacterial pathogens.	Rajalakshmi,P.V Senthil. K	International Journal of Pharmacy and Pharmaceutical Sciences	2014	6	10	506-508	0975-1491
203.	Free radical scavenging activity of metallothioneins from peripheral blood lymphocytes of gold jewellery karigars	Shalini, K.V. and Jeyanthi, G.P.	International Research Journal of Medical Sciences	2014	2	1	15-20	2320-7353
204.	Hypolipidemic activity of <i>Bryonia scabrella</i> (Linn) leaves in Mice fed with high fat di	Velvizhi, S. and Vijipriya, M.	International Journal of Scientific Research	2014	3	12	22-24	2277-8179
205.	Impact of tannery effluent on biochemical parameters of <i>Brassica juncea</i>	Shakila, P.B. and Usha, K.	International Journal of Current Research and Development	2014	2	2	1-6.	2321-0516
206.	<i>In vitro</i> antiapoptotic activity of thymoquinone in <i>Saccharomyces cerevisiae</i> cells	Soniya Raj, K., Padma, P.R. and Sumathi, S.	Journal of Pharmacy Research	2014	8	4	1380-1386	0974-6943

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207.	<i>In vitro</i> antidiabetic activity of leaves and seeds of <i>Boerhavia diffusa</i>	Vasundhara, C.C.S. and Gayathri Devi, S	Journal of Pharmaceutical and Biological Research	2014	2	6	184-189	2347-8330
208.	Increased anticancer efficacy by the combined administration of quercetin in multidrug resistant breast cancer cells	Kavithaa, K., Sumathi, S., Paulpandi, M. Padma, P.R.	BMR cancer Research	2014	1	3	1 to 13	2239-4581
209.	Influence of phosphorus and molybdenum on ammonia assimilating enzymes in <i>Sesbania rostrata</i>	Srinivasan, S. Radha, P	International Journal of Scientific Research	2014	3	5	27-28	2277-8179
210.	Ontogenetic assessment of withanolide biogenesis and expression of selected pathway genes in <i>Withania somnifera</i> a traditional medicinal herb	Pankajavalli, T. Roy, I.M. Charles, S.N. Senthil, K	Journal of Pharmacy Research	2014	8	10	1344-1351	0974-6943
211.	Pharmacophore and virtual screening of JAK3 inhibitors	Rajeswari, M., Santhi, N. and Bhuvaneshwari, V.	Bioinformation	2014	10	1	157-163	0973-2063
212.	Phytochemical investigation of methanolic extract of <i>Artemisia vulgaris</i> leaves	Haniya A.M.K. Padma, P.R.	Internationa Journal of Pharma and Biosciences	2014	5	2	184 – 195	0975-6299
213.	Principal component analysis and HPTLC fingerprint of <i>in vitro</i> and field grown root extracts of <i>Withania coagulans</i>	Preethi, M.P., Sangeetha, U., Pradeepa, D., Valizadeh, M. Senthil, K.	International Journal of Pharmacy and Pharmaceutical Sciences	2014	6		480-488.	0975-1491

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214.	<i>Zea mays</i> leaf extracts exhibits anticancer property and enhance the chemotherapeutic action of etoposide in cancer cells	Kiruthika, B., Vidhya, A., Thiruselvi, M., Sudhadevi, M. Padma, P.R.	Indo American Journal of Pharmaceutical Research.	2014	4	4	1530-1539	2231-6876
215.	<i>Zea mays</i> leaf extracts inhibits etoposide – induced apoptosis in primary chick embryo fibroblasts	Balasubramanian, K., Manickam, S. and Padma, P.R.	Biomedicine and Preventive Nutrition	2014	4	1	161-169	2210-5239
216.	A Study on thrombolytic cytotoxic and antioxidant potential of <i>Murraya koenigii</i> .	Shalini, R. Pushpa, A.	International Journal of Pharmaceutical Sciences Review and Research	2013	20	2	98-100	0976044 X
217.	Anticancer activity of <i>Artemisia vulgaris</i> on hepato cellular carcinoma (HEPG2) cells	Sharmila, K. Padma, P.R.	International Journal of Pharmacy and Pharmaceutical Sciences	2013	5	5	479-483.	0975-1491
218.	Anticancer activity of <i>Zea mays</i> leaf extracts on oxidative stress-induced Hep2 cells. .	Kiruthika, B. and Padma, P.R.	Journal of Acupuncture and Meridian Studies	2013	6	6	149-158	2005-2901
219.	Antioxidant effect of <i>Artemisia vulgaris</i> leaf extracts on oxidatively stressed precision-cut liver slices.	Haniya, A.M.K. and Padma, P.R.	International Research Journal of Pharmacy	2013	4	3	55-60	2230-8407
220.	Antioxidant Potential of <i>Chenopodium album</i> (L) as influenced by Biofertilizers Chemical fertilizers and Vermicompost	Sivagami, S. and Sabitha, A	Research Highlights	2013	0		23-26	2231-2374

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221.	Antioxidant potential of the flowers of <i>Caesalpinia pulcherrima</i> Swartz in an <i>in vitro</i> system subjected to oxidative stress.	Yamuna, S.T. and Padma, P.R,	Journal of Pharmacy Research	2013	7	7	661 - 665	0974-6943
222.	Antioxidative activity of methanoloic extract of <i>Gloriosa superba</i> Seed Tuber and Leaves.	Saradha, D.M. and Annapurani, S.	International Journal of Pharmaceutical Research and Development	2013	5		102-108	0974-9446
223.	Automatic identification of algal community from microscopic images.	Santhi, N., Pradeepa, C., Subashini, P. Kalaiselvi, S.	Bioinformatics and Biology Insight	2013	7	3	327-334.	1177-9322
224.	Cardio protective effect of Nelumbo nucifera flower extract against isoproterenol induced oxidative stress in male Swiss Albino rats..	Kirthika, T. Gomathi, R. Usha, K.	International Journal of Recent Scientific Research	2013	4	10	1056-1059	0976-3031
225.	Cell death induced by methanolic extract of <i>Prosopis cineraria</i> leaves in MCF-7 breast cancer cell line.	Sumathi, S. Dharani. B. Sivaprabha. J. Sonia Raj, K. Padma, P.R.	International Journal of Pharmaceutical Science Invention	2013	2	1	21-26	23196718
226.	Chronic exposure to emissions from photocopiers in copy shops causes oxidative stress and systematic inflammation among photocopier operators in India.	Elango, N, Kasi, V, Vembhu, B and JG Poornima	Environmental Health	2013	12	14	78	1476-069X
227.	Comparative evaluation of phytochemicals and antioxidant potential of <i>Cleome viscosa</i> and <i>Trichodesma indicum</i>	Gayathri Devi. S., Sangeetha, S. and Das, M.S.C.	International Journal of Pharmacy and Pharmaceutical Sciences	2013	23		253-258	0975-1491

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228.	Comparative study of radical scavenging activity and phytochemical analysis of fresh and dry rhizomes of <i>Curcuma zeodaria</i>	Sumathi, S., G.T Iswarya. J. Sivaprabha. B. Dharani. P.Radha Padma, P.R.	International Journal of Pharmaceutical Sciences and Research	2013	4	2	1069-1073	0975-8232
229.	Comparative study on Precipitation techniques for protease isolation and purification from <i>Labeorohita viscera</i>	Geethanjali, S. and Subash,A.	Journal of Aquatic Food product Technology	2013	22		121-128	1049-8850
230.	Cytotoxic influencing activity of latex of <i>Euphorbia antiquoram</i> Linn.	Hamsa, D. Sumathi, S. Sowmini, C.M. Padma, P.R.	International Journal of Pharmacy and Pharmaceutical Sciences	2013	5		130-133	0975-1491
231.	Evaluation of antioxidant potential in <i>Ocimum americanum</i> .	Sangeetha K. Suganthi B. Amuthapriya R.	International Journal of Pharmaceutical Science Review and Research	2013	20	1	109-113	0976-044X
232.	Free radical scavenging activity of <i>Artemesia vulgaris</i> L. leaf extracts.	Haniya, A.M.K. and Padma, P.R.	World Journal of Pharmacy and Pharmaceutical Sciences	2013	2	10	6381-6390	2278-4357
233.	<i>In vitro</i> analysis of anethole as an anticancerous agent for triple negative breast cancer.	Muthukumari, D., Sumathi, S. and Padma, P.R.	International Journal of Pharmaceutical Sciences Review and Research	2013	23	2	314-318	0976044 X
234.	<i>In vitro</i> cytotoxicity testing of <i>Curcuma amada</i> Roxb using oxidatively stressed <i>Saccharomyces cerevisiae</i> cells.	Sivaprabha, J. Dharani, B., Padma, P.R. and Sumathi, S.	Indo American Journal of Pharmaceutical Research	2013	3	7	5386-5394	2231-6876

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235.	<i>In vitro</i> evaluation of Isatin from <i>Couroupita guianensis</i> Aubl against the clinical isolates of bacteria and fungi.	Kavitha, D., Nandhini, G. and Padma, P.R	International Journal of Pharmaceutical Science Review and Research	2013	23	1	228-230	0976-044X
236.	<i>In vitro</i> free radical scavenging activity of <i>Euphorbia hirta</i> leaves and its preliminary phytochemical analysis.	Sumathi, S. Premalatha, R. Kavithaa, K. Padma, P.R.	International Journal of Advances in Pharmaceutical Research	2013	4	2	2019-2023.	2230-7583
237.	<i>In vitro</i> growth inhibitory activity of <i>Prosopis cineraria</i> leaves in MCF-7 breast cancer cell line.	Sumathi, S. Dharani. B. Sivaprabha. J. Sonia Raj, K. Padma, P.R.	International Journal of Research in Pharmaceutical Science	2013	4		40-44	0975-7538
238.	Individual and combined effect of biofertilizer chemical fertilizer and vermicompost on <i>Amaranthus tristis</i>	Kavitha, Srinivasan, S. and Ranjini	International Journal of Pharmaceutical Sciences Review and Research	2013	20	2	190-195	0976044 X
239.	Inhibition of calcium oxalate crystallization <i>in vitro</i> by the extract of banana cultivar Monthan.	Kalpana, S., Shrinidhi.Rai, T., Karthika, P and Nirmaladevi, R.	International Journal of Pharmacy and Pharmaceutical Sciences	2013	5	4	649-653	0975-1491
240.	Optimization and immobilization of purified <i>Labeo rohita</i> visceral protease by entrapment method.	Geethanjali, S. Anitha Subash.	Enzyme Research	2013			1-7	2090-0414
241.	Partial Characterization of Protease from the Visceral Organ Waste of Cobia (<i>Rachycentron canadum</i>).	Shobana, A. and Anitha Subash	Journal of Biology, Agriculture and Healthcare	2013	3	6	5-9	22243208

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242.	Phytochemical screening and free radical scavenging activity of <i>Medicago sativa</i> leaves.	Gomathi, R., Priyadharshini, T., Kirithika, T. and Usha, K.	International Journal of Pharmaceutical Research and Bioscience	2013	2	6	29-38.	2277-8713
243.	Preliminary phytochemical screening and antioxidant activity of various extracts of <i>Sargassum wightii</i> Greville.	Bhaigyabati, T. and Usha, K.	International Journal of Universal Pharmacy and Biosciences	2013	2	2	60-69.	2319-8141
244.	Preliminary phytochemical screening and antioxidant property of various extracts of <i>Albizia saman</i> leaves.	Kirithika, T. Bhaigyabati, T. Gomathi, R. Usha, K.	International Journal of Pharmaceutical Research and Bio-Science	2013	2	3	315-323	2277-8713
245.	Preliminary phytochemical screening and free radical scavenging activity on aerial plant of <i>Nelumbo nucifera</i> flowers.	Kirithika, T. Bhaigyabati, T. Gomathi, R. Usha, K.	American Journal of PharmaTech Research	2013	3	1	659-665	2249-3337
246.	Preliminary Screening of phytochemicals in Agatikeerai (<i>Sesbania grandiflora</i>)	Sumayya, A.R. Sivagami Srinivasan Nabeelah Amatullah	International Journal of Pharmaceutical and Chemical Sciences	2013	2	1	594-596	2277-5005
247.	Protective effect of <i>Bacopa monnieri</i> leaf extract against oxidative stress induced hepatotoxicity in rats	Radha, P. Padma, P.R.	International Journal of Pharmacy and Pharmaceutical Sciences	2013	5	3	555-558	0975-1491
248.	Quantification of biochemical parameters in Araikeerai (<i>Amaranthus tristis</i>) and Agati (<i>Sesbania grandiflora</i>).	Sumayya A. Sivagami Srinivasan	International Journal of Pharmaceutical Sciences Review and Research	2013	19	2	58-59	0976044 X

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249.	Radical scavenging activity of <i>Saraca indica</i> bark extracts and its inhibitory effect on the enzymes of carbohydrate metabolism.	Gayathri, P and Jeyanthi, G.P.	International Journal of Chemical and Pharmaceutical Sciences	2013	4		87-96.	0976-9390
250.	<i>Solanum nigrum</i> leaves improve the oxidative status of liver tissue <i>in vitro</i>	Padma, P.R. and Kalaivani, K	Indian Journal of Nutrition and Dietetics	2013	50	4	440-449.	0022-3174
251.	Studies on the effect of sucrose light and hormones on micropropagation and invitro flowering of <i>Withania somnifera</i> Var. Jawahar-20.	Nathiya, S. Pradeepa, D. Devasena, T. Senthil, K.	The Journal of Animal & Plant Sciences	2013	23	7	1391-1397.	1018-7081
252.	Transcript pattern of cytochrome p450 antioxidant and ginsenoside biosynthetic pathway genes under heavy metals stress in <i>Panax ginseng</i> meyer	Balusamy SR, Kim YJ, Rahimi S, Senthil KS, Lee OR, Lee S, Yang DC.	Bulletin of Environmental Contamination and Toxicology	2013	19	2	194-202	0007-4861
253.	<i>Zea mays</i> leaf extracts protect <i>Saccharomyces cerevisiae</i> cells against oxidative stress-induced cell death.	Kiruthika, B. and Padma, P.R.	Journal of Acute Medicine	2013	3	4	83-92.	2211-5587
254.	<i>Zea mays</i> leaf extracts protects primary chick embryo fibroblast cells from apoptosis induced by hydrogen peroxide <i>in vitro</i> .	Kiruthika, B., Manickam, S.D. and Padma, P.R.	Journal of Pharmacy Research	2013	6	1	638-646	0974-6943