

RESEARCH CONTRIBUTION
Research Papers Published in peer reviewed journals

S.No.	Details of publication			
National Journals				
		ISSN No.	Impact factor	Indexing
1.	V.Dhanalakshmi1*, K.Shanthi2, S.Mariselvi 2, E.Neelamathi3Phytoremediation of a eutropic pond Krishnan anaikattu kulam of Pollachi town by <i>Vetiveria zizanioides</i> L.Environmental Science, An Indian Journal, Ecotoxicology. 7(1), 2012 [5-9)	0974 - 7451	0.45	Google scholar
International Journals				
2.	Mariselvi, S. and Manimegalai, K. (2016). Comparative studies of Econeem and <i>Piper longum</i> extracts against cotton roller <i>Sylepta derogate</i> Fab. <i>International Journal of Innovation Sciences and Research</i> .5(2):642-652	2319-9369	7.39	NCBI, Research gate, Google scholar, Index Copernicus
3.	Mariselvi, S. and Manimegalai, K.. (2016). Biochemical studies of cotton pest <i>Sylepta deogata</i> Fab. by econeem, <i>Acorus calamus</i> and <i>Piper longum</i> extracts. <i>International Journal of Scientific and Research Publications</i> .6 (1):388-401.	2250-3153	4.62	Index Copernicus
4.	Mariselvi, S. and Manimegalai,. (2016). Comparative analysis of <i>Acorus calamus</i> and <i>Piper longum</i> extracts on <i>Sylepta deogata</i> Fabricus (Order: Lepidoptera) <i>International Journal of Current Science and Technology</i> . 4(5): 198-202.	2320-8090	3.927	Index Copernicus
5.	Mathiyanga K., Manimegalai K. and Mariselvi S. (2016).Efficacy of <i>Meloidogyne incognita</i> at different inoculum levels on the growth parameters of maize crop. <i>International Journal of Horticultural and Crop Science Research</i> .6 (1):21-27.	2249-4243	-	Thomson Reuters
6.	Mariselvi, S. and Manimegalai, K.(2017). Biological control of cotton pest <i>Sylepta derogata</i> by using plant extracts Econeem, <i>Acorus calamus</i> and <i>Piper longum</i> . <i>International Journal of Current Science Research</i> .3 (2):1064-1068.	2454-5422	4.46	Databases
7.	Eswaran.N and Mariselvi. S (2016), Efficacy of Vermicompost on growth and yield parameters of <i>Lycopersicum esculentum</i> (Tomato). <i>International Journal of Scientific and Research Publications</i> , 6(1),pp: 95-108,	2250-3153	4.41	Google scholar

8.	Mariselvi. S and Manimegalai.K, (2016), Biochemical studies of cotton pest <i>Sylepta derogata</i> Fab. by using <i>Econeem</i> , <i>Acorus calamus</i> and <i>Piper longum</i> extracts. International Journal of Scientific and Research Publications . 6(1), pp 388-401.	2250-3153	4.41	Google scholar
9.	Eswaran.N and Mariselvi. S (2016), Effect of organic manure and vermicompost on the nutrient levels (nitrogen, phosphorus and potassium) in amended soil. International Journal of Current Research 8(1), pp. 25014-25019	0975-833X	7.08	Index Copernicus RESEARCHERID Google scholar
10.	Mariselvi. S and Manimegalai.K(2017), Phytochemical Screening and XRD analysis of black pepper <i>P.nigrum</i> . International journal of Current Advanced Research 6(7), pp: 4992 – 4994.	2319-6505 (P) 2319-6475 (E)	6.61	Scopus, Elsevier
11.	Mariselvi. S and Manimegalai.K(2017), GC-MS determination of Bioactive Components of <i>Piper nigrum</i> . World journal of pharmaceutical and life science , Vol. 3(7), pp 243-245.	2454-2229	4.22	Google scholar Index Copernicus Global impact factor, Indian citation index
12.	Mariselvi. S and Manimegalai.K(2017), Phytochemical Screening And XRD Analysis of <i>Momordica Charantia</i> . International Journal of Development Research Vol. 07(8), pp.14593-14595.	2230-9926	5.66	Google scholar Index Copernicus Research gate
13.	Eswaran.N and Mariselvi. S (2020), Physico-chemical studies of amaravathi and aliyar reservoirs, tamil nadu, India Sambodhi (UGC Care Journal)	2249-6661	5.80	UGC Care list -1
14.	S.Mariselvi ¹ , Alok Tiwari ² , Sivakumar Ponnusamy ³ , Sumanta Bhattacharya ⁴ . 2022 . Alternative medicines to enhance the efficacy and safety of Anticancer therapy <i>Bull. Env. Pharmacol. Life Sci.</i> , Vol 10 [11]: 16-02.	2277-1808	4.638	Web of science
15.	S.Mariselvi ¹ , Santosh Karajgi ² , Anil Kumar ³ , Swati Das ⁴ , Ayesha Tabassum ⁵ , 2022 Analysis and improvement in commonly used drugs using bioinformatics. ISSN 2277-1808 <i>Bull. Env. Pharmacol. Life Sci.</i> , Vol 11 [5] : 185-191.	2277-1808	4.638	Web of science
16.	S.Mariselvi ¹ , Manish Upadhyay ² , Sivakumar Ponnusamy ³ 2022 Bioanalytic sciences for reconstructing membrane. <i>Bull. Env. Pharmacol. Life Sci.</i> , Vol 11 [5] : 175-179.	2277-1808	4.638	Web of science

17.	S.Mariselvi ¹ , Anil Kumar ² , P.Poongothai ³ , B Prabhu Shankar ⁴ , Subbulakshmi Packirisamy ⁵ .2022 . Natural drug products to adopt a complex approach to Biogenics. <i>Bull. Env. Pharmacol. Life Sci.</i> , Vol 10 [11]: 16-02.	2277-1808	4.638	Web of science
18.	S.Mariselvi ¹ , Santosh Karajgi ² , E.N. Gaviraj ³ , V. Uma Maheswara Rao ⁴ , 2022 . Development of clinical biochemistry to maintain performance in the health care environment, <i>Bull. Env. Pharmacol. Life Sci.</i> , Vol 11 [5], 68-72.	2277-1808	4.638	Web of science
19.	Debabrata Mohanty ¹ , S.Mariselvi ² , Sajith.S ³ , Sivakumar Ponnusamy ⁴ 2022 Analysis of Bioinformatics on Gene Expression and Discovery of Medicines, <i>Bull. Env. Pharmacol. Life Sci.</i> , Vol 10 [11], 16-02	2277-1808	4.638	Web of science
20.	Sunil Kumar RM ¹ , S.Mariselvi ² , Kavita khatana ³ , Anil Kumar ⁴ , Shreya Arora ⁵ 2022 Enhancing the quality of drug discovery using bioinformatics leads to more effective treatments. <i>Bull. Env. Pharmacol. Life Sci.</i> , Vol 11 [5], 113-118.	2277-1808	4.638	Web of science
21.	Brijendra Gupta ¹ , S.Mariselvi ² , N.Vasugi ³ , Juan Carlos Cotrina Aliaga ⁴ , Asma Mateen Hussain ⁵ , 2022 , Identify the new medicine target to anticipate repositioning targets using bioinformatics, <i>Bull. Env. Pharmacol. Life Sci.</i> , Vol 11 [5], 98-103.	2277-1808	4.638	Web of science
22.	Arun B Prasad ¹ , Uriti Sri Venkatesh ² , S.Mariselvi ³ Research on health care data to control illness-related challenges <i>Bull. Env. Pharmacol. Life Sci.</i> Vol 10 [11] 16-02.	2277-1808	4.638	Web of science
23.	Raghunandan G H, S.Mariselvi , Priya J, Surya Narayan Sahul, Role of GPS Tracking in Monitoring the survival and hunting of Wildlife, <i>Bull. Env. Pharmacol. Life Sci.</i> , Vol 10 [11], 16-02.	2277-1808	4.638	Web of science

24.	A. Irudaya Lourdu Gladis , V. Jemima Florence Borgia,R. Lakshmanan, S.Mariselvi and S. N. Suresh, Biosynthesis and Characterization of Silver nanoparticles Using <i>Barleria cuspidata</i> Leaves Extract and Mechanism of Antimicrobial Action of Selected Human Pathogens, <i>Uttar Pradesh J. Zool.</i> , vol. 44(22), pp. 361-368, 2023	0256-971X	5.24	UGC Care
25.	R.Lakshmanan*1 , S. Mariselvi 2 , A. Srinivasalu3 , S. Jayapriya4 , S.N.Suresh5 , B.Mohanapriya6 , and S. Violet Beaulah. Facile Green Synthesis and Characterization of Ag-Cu-Zn Nanoparticles using <i>Cordia sebestena</i> L. flower extract and their antimicrobial efficacy. <i>Acta Biomed</i> 2024; Vol. 95, N. 1:	ISSN: 0392-4203 eISSN: 2531-6745	0.521	Scopus
26.	08.04.2022 – “Extraction of Protein from Animal Bone through Novel Method” Application number : 202231011366A, Name of the inventors: Dr.Somdip Majumdar, Dr.Shilpa Mohan Shitole, Dr.S.Mariselvi, Dr. Shivakrishna Pabba, Dr. G. Renuka, Ms. Snehal Sahare, Dr.Vipin Maurya. Office of Controller General of Patents,Designs & Trade marks, Department of Industrial Policy & Promotion, Ministry of Commerce & Industry, Govt. of India.	Patent	Patent	Patent
27.	05.05.2023 - Title “Mosquito repelling herbal body powder” Application number 202341025095: , Name of the inventors: K.Manimegalai, C.A. Annapoorani, C.V.Preethika, S.Mariselvi, Office of Controller General of Patents,Designs & Trade marks, Department of Industrial Policy & Promotion, Ministry of Commerce & Industry, Govt. of India.	Patent	Patent	Patent