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Publications during last five years (2016-2020)

1. Scopus indexed journals

2. **A.Valliammai**, D.Muthumanickam, A.Christpoher Lourduraj and S.Pannerselvam.2020. Assessment of Ground water Quality for drinking purposes in Amaravathi River Basin. IOP-Material Science and Engineering Journal. (Accepted for publication)
3. **A.Valliammai**, J.Prabhakaran. 2020. Delineation of recharge zones for panapatti watershed of Coimbatore district. Indian journal of Ecology 47(1). Pp.36-39

4. NAAS rating journals > 4.0

5. Thiagarajan,G,**A.Valliammai**. A.Raviraj,BalajiKannan and S.Pannerselvam.2020. Hydrological evaluation of Koraiyar watershed by morphometric analysis. Journal of Pharmacognosy and Phytochemistry. 9(1). Pp. 1521-1525
6. Thiagarajan,G, **A.Valliammai**. A.Raviraj and S.Pannerselvam.2020. Effect of Artificial Recharge structures in improving groundwater level. International journal of Current Microbiology and Applied Sciences.9(2). Pp. 923-928
7. Thiagarajan,G, **A.Valliammai**. A.Raviraj and S.Pannerselvam.2020. Effectiveness of artificial recharge structures in enhancing groundwater quality. International journal of Chemical studies..8(1). Pp. 2589-2592
8. J Prabhakaran, K Kalaichelvi, NK Sathyamoorthy, T Ragavan and **A Valliammai.2020**. Assessment of irrigation water quality (Ground water) of Melur block, Madurai district, Tamil Nadu. International journal of Chemical studies.**8(4)**. Pp. 979-982
9. **A.Valliammai**, M.Angaleeswari and J.Prabhakaran.2019. Temporal assessment of groundwater quality in Coimbatore District. Journal of Pharmacognosy and Phytochemistry. 8(5). Pp. 2382-2385
10. **A.Valliammai**, K.Balathandayutham.2019. Zone Budgeting of Watershed using Visual Modflow. International journal of Current Microbiology and Applied Sciences.8(12). Pp. 1289-1296
11. **A.Valliammai**, G.Thiagarajan and Balajikannan.2019. Identification of Groundwater Recharge zones of Bhavani Watershed using Geo spatial techniques. International journal of Current Microbiology and Applied Science8(10). Pp. 1574-1579.

12. **A.Valliammai.2019.** Assessment of climate change impact on watershed hydrology. Journal of Pharmacognosy and phytochemistry.8 (4). Pp. 263-268
13. Sharmila,D.Tamilmani **A.Valliammai** and R.Kumaraperumal.2017. Identification of Groundwater Rechargeable zone in UpparOdai (South) AmaravathiRiver basin. International journal of Agricultural Sciences.9(46). Pp. 4765-4769
14. **A.Valliammai,** K.Balathandayutham and B.J.Pandian.2017. Assessment of climate change using SWAT. Agriculture Update.12(7). Pp. 1788-1793
15. K.Balathandayutham, **A.Valliammai** and M.Krishnaveni.2017. Evaluation of artificial neural networks and regression PTF's in estimation of soil hydraulic properties. Agriculture Update.12(4). Pp. 1105-1112
16. M.Angaleeswari and **A.Valliammai.2017.** Assessment of Ground Water Quality using Water Quality Index in Western Zone of Tamil Nadu, India. Chemical Science Review and Letters. 6(23)Pp. 1750-1757

NAAS rating of less than 4.0

17. **A.Valliammai,**D.Ramya Sri, S.Selvakumar and V.Manivannan.2016. Trend detection in climate data for north western zone of Tamil Nadu. Asian Journal of Environmental Science.11(1). Pp. 24-29
18. K.Balathandayutham, **A.Valliammai**and D.Jayanthi.2016. Evaluation of Groundwater Quality Mapping in Palar Sub Basin,TamilNadu, India using Remote Sensing and Geographical Information Systems (GIS). Advances in Life Sciences.5(8). Pp. 3228-3236
19. Balathandayutham. K., **A. Valliammai** and D. Jayanthi.2016. Recharge Estimation in Dharmapuri District of Tamil Nadu, India: Comparison of Methods. Advances in Life Sciences.5(7). Pp. 2703-2710
20. K.Balathandayutham, S.V.Kottiswaran and **A.Valliammai.2016.** Trend in Rainfall: A Case Study of Dharmapuri District, Tamil Nadu, India. Advances in Life Sciences.5(10). Pp. 3977-3982
21. Vaiyapuri. K., V. Manivannan, S. Selvakumar and **A.Valliammai.2016.** Growth and yield of Soybean Varieties as influenced by row spacing. Progressive Research.11(1). Pp. 138-141

22. K. Balathandayutham.and **A. Valliammai.2017.** Analysis of Rainfall Parameters in Walayar Watershed of Parambikulam- Aliyar - Palar Basin, Coimbatore, Tamil Nadu. Trends in Bio Sciences.10(1). Pp. 152-158
- K.Balathandayutham. **A. Valliammai** and S. V. Kottiswaran.2017. Simulation of Surface Runoff and Sediment yield for Walayar watershed using SWAT model. Trends in Bio Sciences.10(1). Pp. 171-175.