

LIST OF PUBLICATIONS

DR.M.K.VALSAKUMARI

1. Preparation and non linear optical characterization of fluorine doped cadmium oxide thin films. Published by Elsevier B.V, September 2022
<https://doi.org/10.1016/j.apsadv.2022.100294>
2. Biomolecules and microwaves directed fabrication of Ag/CeO₂ nano composite: a versatile candidate for the degradation of textile dye mixtures and antibacterial studies. Springer publications, Published on 13 October 2022
<https://www.springer.com/Journal /11164>

DR.K.M.MOHAMED SHERIFF

- Monitoring the quality of groundwater on the bank of Cooum river at Chennai City, Tamil Nadu, India. *Advances in Applied Science Research*, 3 (6):3587-3592, **2012**
- Status of heavy metal concentrations in groundwater samples situated in and around on the bank of Cooum river at Chennai City, Tamil Nadu. *Journal of Chemical and Pharmaceutical Research*, 5(3):73-77, **2013**
- Removal of heavy metals from wastewater using sugarcane leaf as Adsorbent. *Der ChemicaSinica*, 5(4):56-58, **2014**
- Removal of heavy metals from wastewater using low cost adsorbents. *Archives of Applied Science Research*, 6 (6):52-54, **2014**
- Correlation Study of Groundwater Quality on the Bank of Noyyal River at Tiruppur, Tamil Nadu, India. *International Journal of Nano Corrosion Science and Engineering*. 2(5), 197-202, **2015**
- Assessment of Groundwater Quality for Irrigation on the Bank of Noyyal River at Tiruppur, Tamil Nadu, India, *International Letters of Chemistry, Physics and Astronomy*. Vol. 57, pp 1-6, **2015**

- Distribution of trace metal concentrations in groundwater samples on the bank of Noyyal River at Tiruppur, Tamilnadu. *Asian Journal of Biochemical and Pharmaceutical Research*. Issue 1 (Vol. 5), **2015**
- Study of water quality index of groundwater on the bank of Noyyal River at Tiruppur, Tamil Nadu, India. *Archives of Applied Science Research*. 8 (1):17-19, **2016**
- Evaluation of Groundwater quality and its suitability for irrigation use on the bank of Noyyal River at Tiruppur, Tamilnadu, India. *Environmental Pollution and Protection*, Vol.2, No.3, September **2017**
- Statistical analysis of Groundwater quality on the bank of Noyyal River at Tiruppur, Tamilnadu, India. *Environmental Pollution and Protection*, Vol.2, No.4, December **2017**

LIST OF PATENTS

DR.M.K.VALSAKUMARI

1. Advanced therapeutic molecules for tissue regeneration using carbon nano tubes. 31.03.2022 Application number 202241019833
2. Non – invasive targeted delivery of drug molecules for breast cancer using carbon nano tubes and artificial intelligence. 30.04.2022 Application number – 202241023425

BOOK CHAPTERS

DR.M.K.VALSAKUMARI

1. Development of environmental benign nano materials for energy and environmental applications
2. ZnS nano particles for high performance Super capacitors.