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Education	1- Ph.D: Environmental Biotechnology, Universiti Pendidikan Sultan Idris (Malaysia) .2020 2- M.S: Environmental science ,Osmania University (India)2014 3- B.Sc. : Biology , University of Thi – Qar .2006
h-index	6 (https://www.scopus.com/authid/detail.uri?authorId=57738267200)
Field of Specialization	Environmental Biotechnology
Research Areas of Interest	Biomass Conversion Bacterial Isolation Processes Agriculture Waste Processing Waste Treatment (Thermal, Chemical, and Biological) Water and Wastewater Treatment Solid Waste Management Environmental Pollution Material Characterization and Processing Optimization Soil, Air and Noise pollution treatment
Publications	19 Research papers published in Journals
List of Significant Journal Publications	1- Synthesis and Characterization of Biochar from Peel and Seed of Jackfruit Plant Waste for The Adsorption of Copper Metal Ion from Water. 2- Spatial River Water Quality Assessment in Tanjung Malim, Perak (Malaysia) Using Multivariate Statistical Analysis. 3- Evaluation of Physico-Chemical Parameters to Assess the Water Quality of Fox Sagar Lake, Jeedimetla, Hyderabad, India. 4- Heavy Metal Ions Adsorption from Aqueous Solution by Jackfruit Peel as Activated Biochar Low-Cost Adsorbent. 5- Study Of Some Biochemical Parameters in Dose During Pregnancy in Goats. 6- Removal of heavy metals from wastewater using low cost biochar prepared from jackfruit seed waste. 7- Environmental Impacts of the Solar Photovoltaic Systems in the Context of Globalization. 8- A case study and analysis of the solar PV wind grid connected hybrid system. 9- Solamen Vaillanti Mollusk Powder as an Efficient Biosorbent for Removing Cobalt Ions from Aqueous Solution: Kinetic and Equilibrium Studies.

10-Design a promising non-precious electro-catalyst for oxygen reduction reaction in fuel cells.

11- What is the influence of grape products on liver enzymes? A systematic review and meta-analysis of randomized controlled trials.

12-Synthesis of efficient cobalt–metal organic framework as reusable nanocatalyst in the synthesis of new 1,4-dihydropyridine derivatives with antioxidant activity.

13-Synthesis of Bioactive Yttrium-Metal–Organic Framework as Efficient Nanocatalyst in Synthesis of Novel Pyrazolopyranopyrimidine Derivatives and Evaluation of Anticancer Activity.

14- Beneficial alterations in growth performance, blood biochemicals, immune responses, and antioxidant capacity of common carp (*Cyprinus carpio*) fed a blend of *Thymus vulgaris*, *Origanum majorana*, and *Satureja hortensis* extracts.

15-Synthesis and Characterization of CoFe₂O₄ Nanoparticles and Its Application in Removal of Reactive Violet 5 from Water.

16- Dietary caffeine intake is associated with favorable metabolic profile among apparently healthy overweight and obese individuals

17. **Environmental Impacts of the Solar Photovoltaic Systems in the Context of Globalization**

18. **Mesenchymal stem/stromal cells and their exosomes as natural nano- particles for arthritis therapy; hype and hope.**

19. **A novel nanocomposite based on Collagen-raffinose hydrogel, embedded with carbon nitride nanosheets and ZnFe layered double hydroxides with less toxicity, antibacterial activity and enhanced mechanical properties**