

Ali Waheid Nakemish Alattabi

علي وحيد نغيمش شذر العتابي

Lecturer

CONTACT

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EDUCATION

Doctorate (2018-10-20)
Environmental Engineering
Liverpool John Moores University

Master's Degree (2013-03-20)
Environmental Engineering
UKM

Bachelor's Degree (2006-07-02)
Environmental Engineering
Al-Mustansiriyah University

RESEARCH METRICS

h-index (Scopus)	9
h-index (GS)	0
Citations (Scopus)	557
Citations (GS)	0
Documents (Scopus)	15
Documents (GS)	0

ACADEMIC TITLES

2023-02-20 **Lecturer**

TEACHING EXPERIENCE

Lecturer
University of Wasit
2023-02 - Present

COURSES

- **Water Engineering** (CE 355)
- **Sanitary Engineering** (CE 486)
- **Advanced Wastewater Treatment** (MWRE-710)
- **River Pollution** (MWRE-714)

PUBLICATIONS (35)

1. **Predicting Temperatures in an Extreme Climatic Environment Using Hybrid Neural Networks: Evaluating Noise Robustness**
   Civil Engineering Journal | 2026
2. **Mid-Point Life Cycle Assessment of a Conventional Water Treatment Plant During the Operational Phase**
   Civil Engineering Journal | 2026
3. **Streamflow Simulation Based on Pre-Processing-Based Hybrid Model: SSA-AR Model**
   Water Resources Management 40, 314, 2026 | 2026
4. **Forecasting urban water demand using different hybrid-based metaheuristic algorithms' inspire for extracting artificial neural network hyperparameters**
   Scientific Reports 14 (1), 24042, 2024 | 2024 | Cited: 15
5. **Holistic Framework for Sustainability Assessment of Water Treatment Plants**
   World Environmental and Water Resources Congress 2024, 2024 | 2024
6. **Assessing the effectiveness of low-cost materials to act as filter media for phosphate sorption**
   Al-Qadisiyah Journal for Engineering Sciences 16 (4), 253-258, 2023 | 2023
7. **Study of biomass bottom ash efficiency as phosphate sorbent material**
   Civil Engineering Journal 5 (11), 2392-2401, 2019 | 2019 | Cited: 43
8. **Electrocoagulation as a green technology for phosphate removal from River water**
   Separation and Purification Technology 210, 135-144, 2019 | 2019 | Cited: 326
9. **An investigation into the effect of MLSS on the effluent quality and sludge settleability in an aerobic-anoxic sequencing batch reactor (AASBR)**
   Journal of Water Process Engineering | 2019
10. **Treatment of petroleum refinery wastewater in an innovative sequencing batch reactor**
    PQDT-Global, 2018 | 2018 | Cited: 6
11. **Removal of phosphate from River water using a new baffle plates electrochemical reactor**
    MethodsX 5, 1413-1418, 2018 | 2018 | Cited: 119

12. **Online Monitoring of a Sequencing Batch Reactor Treating Domestic Wastewater**
Procedia Engineering 196, 800-807, 2017 | 2017 | Cited: 59

13. **An investigation into the effect of MLSS on the effluent quality and sludge settleability in an aerobic-anoxic sequencing batch reactor (AASBR)**
Journal of Water Process Engineering, 2017 | 2017 | Cited: 53

14. **Facing up to waste: how can hotel managers in Kerbala, Iraq, help the city deal with its waste problem?**
Procedia Engineering 196, 771–778, 2017 | 2017 | Cited: 47

15. **The effects of hydraulic retention time on the sludge characteristics and effluent quality in an ASSBR**
2016 International Conference for Students on Applied Engineering Icsae 2016 | 2017 | Cited: 5

16. **Modelling of electrodes spacing influence on iron (Fe II) removal from water using the electrocoagulation (EC) process.**
The International Research Conference on Sustainable Energy, Engineering ..., 2017 | 2017

17. **Effect of electrodes spacing on energy consumption of electrocoagulation (EC) cells**
Public Health PhD Symposium 13th & 14th July 2017, 2017 | 2017

18. **Modelling of Pile-Soil Interaction of Concrete Model Piles Penetrated in Sand Soil**
The Third BUiD Doctoral Research Conference, 2017 | 2017

19. **Phosphate removal by utilizing different sorption materials as filter media: A comparative study**
The Third BUiD Doctoral Research Conference, 2017 | 2017

20. **The impact of organic loading rate on the removal efficiency of nitrate-nitrogen using sequencing batch reactor**
LJMU, Faculty research week, 2017, 2017 | 2017

21. **The effects of potassium nitrate loading rate on the sludge settling and effluent quality in an ASSBR**
Cutting Edge Postgraduate Research Conference 2017, 2017 | 2017

22. **Modelling of initial pH influence on textile dye removal from water using electrocoagulation method – experimental and statistical approach**
The 9th MMU Postgraduate Research Conference 2017, Manchester University, 2017 | 2017

23. **Public participation in solid waste management during mega festivals: A pilot study**
WCST World Congress on Sustainable Technologies Proceedings 2017, 38-41, 2017 | 2017 | Cited: 16

24. **Improving sludge settleability by introducing an innovative, two-stage settling sequencing batch reactor**
Journal of Water Process Engineering 20, 207–216, 2017 | 2017 | Cited: 114

25. **Ammonia Removal using Sequencing Batch Reactor: The Effects of Organic Loading Rate**
The Third BUiD Doctoral Research Conference, 2017 | 2017 | Cited: 1

26. **Factors that Influence Nutrient Removal in Up-Flow Filters**
World Environmental and Water Resources Congress 2017, 156-166, 2017 | 2017 | Cited: 1

27. **Treatment of Residential Complexes' Wastewater using Environmentally Friendly Technology**
Procedia Engineering | 2017 | Cited: 107

28. **Removal of ibuprofen, ketoprofen, COD and nitrogen compounds from pharmaceutical wastewater using aerobic suspension-sequencing batch reactor (ASSBR)**
Separation and Purification Technology 157, 215-221, 2016 | 2016 | Cited: 86

29. **A statistical model for the geotechnical parameters of cement-stabilised hightown's soft soil: A case study of liverpool, uk**
International Journal of Civil, Environmental, Structural, Construction and ..., 2016 | 2016 | Cited: 18

30. **The Relationship between Operating Condition and Sludge Wasting of an Aerobic Suspension Sequencing Batch Reactor (ASSBR) Treating Phenolic Wastewater**
The Second BUiD Doctoral Research Conference, 412-418, 2016 | 2016 | Cited: 1

31. **The effects of different MLSS concentrations on the sludge characteristics and effluent quality in an ASSBR under low temperature**
1st International Conference on Sustainable Water Processing, 2016 | 2016

32. **Removal of Nitrogen Compounds from Industrial Wastewater Using Sequencing Batch Reactor: The Effects of React Time**
International Journal of Chemical, Molecular, Nuclear, Materials and ..., 2016 | 2016 | Cited: 3

33. **Effects of initial organic loading and pharmaceutical compounds on the removal of COD, Ibuprofen and Ketoprofen in SBR**
Integrated Journal of Engineering Research and Technology 2 (1), 88-100, 2015 | 2015 | Cited: 2

34. **The effects of different mixed liquor suspended solids concentrations on the sludge characteristics in a SBR**
Liverpool John Moores University, Faculty research week, 2015, 2015 | 2015

35. **The effect of sludge wasting on the treatment efficiency of petroleum refinery wastewater (PRW) in an aerobic suspension-sequencing batch reactor (ASSBR)**
Liverpool John Moores University, Faculty research week, 2015, 2015 | 2015