

Curriculum Vitae

Omar Fawzi Suleiman Khasawneh (M.D)

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Personal Information

Date of Birth : 5th Nov 1993

Nationality : Jordanian

Gender : Male

Member of Jordan Engineers Association www.jea.org.jo/en

Education

- Bachelor of Engineering (Civil Engineering) / Jerash University - Jordan, February 22nd, 2016.
- Master of Science (Environmental Engineering) / Universiti Sains Malaysia – Malaysia, September 4th, 2019, **CGPA 3.93**. Thesis title: “Optimized photocatalytic degradation of pharmaceutical wastewater under simulated solar irradiation using Fe₂O₃/TiO₂ nanocomposite prepared by sol-gel method”

Publications

Khasawneh, O.F.S., Palaniandy, P., 2019. Photocatalytic degradation of pharmaceuticals using TiO₂ based nanocomposite catalyst- review. *Civil and Environmental Engineering Reports* 3, 1–33. <https://doi.org/10.2478/ceer-2019-0021>

Khasawneh, O.F.S., Palaniandy, P., Teng L.P., 2019. Large-scale study for the photocatalytic degradation of paracetamol using Fe₂O₃/TiO₂ nanocomposite catalyst and CPC reactor under natural sunlight radiations. *MethodsX* 6, 2735–2743, <https://doi.org/10.1016/j.mex.2019.11.016>

Khasawneh, O.F.S., Palaniandy, P., Ahmadipour, M., Mohammadi, H., Bin Hamdan, M.H., 2021. Removal of acetaminophen using Fe₂O₃-TiO₂ nanocomposites by photocatalysis under simulated solar irradiation: Optimization study. *Journal of Environmental Chemical Engineering* 9, 1, <https://doi.org/10.1016/j.jece.2020.104921>, (**I.F. 5.909**).

Khasawneh, O.F.S., Palaniandy, P., 2021. Removal of organic pollutants by Fe₂O₃-TiO₂ nanocomposites- a review. *Environmental Technology & Innovation*, 21, <https://doi.org/10.1016/j.eti.2020.101230>, (**I.F 5.263**).

Khasawneh, O.F.S., Palaniandy, P., 2021. Occurrence and removal of pharmaceuticals in wastewater treatment plants. *Process Safety and Environmental Protection*, 150, 532 – 556, <https://doi.org/10.1016/j.psep.2021.04.045>, (**I.F.6.158**).

Conference Proceedings

Aziz, N.A.A., Palaniandy, P., Moon, W.C., **Khasawneh, O.F.S.**, Aljuboury, D.A.A., 2021. Removal of fluoranthene and pyrene from rainwater using solar/TiO₂ photocatalysis: Optimization study, *AIP conference proceedings*, 2332, 070001, <https://doi.org/10.1063/5.0043753>.

Khasawneh, O.F.S., Halim, H., Abdullah, S.N., Aazali, S.A., Algburi, H.R.F., and Salleh, A.H., 2020. Characterization of Environmental Noise Pollution Based on Noise measurement and noise mapping at USM engineering campus, *IOP Conference Series: Materials Science and Engineering*, 920, 012004.

Work and Research Experience

Jan 2019 – July 2021: Research Assistant at Universiti Sains Malaysia, Penang, Malaysia.

Jan 2017 – Jan 2018: Site Engineer at Bronze Waves Trading, Muscat, Oman.

Mar 2016 - Dec 2016: Site Engineer at Assarai Engineering Firm, Amman, Jordan.

Sep 2015 - Dec 2015: Intern at Assarai Engineering Firm, Amman, Jordan.

Analytical and Research Skills

- Critical and analytical thinking.
- Research design and question formulation.
- Experience of qualitative research.
- Numeracy skills.
- Statistical analysis.
- Able to use a range of software, techniques and equipment to carry out research and analysis.
- Writing research papers, reports, reviews and summaries.

Interpersonal Skills

- Adapt new concepts quickly.
- Adaptability – adapting quickly to a new team and changes in the work area.
- Communicating technical ideas to non-technical audiences.
- Maintaining a healthy and respectable relations with the stakeholders and contractors.
- Highly self-motivated and enthusiast.
- Able to work within a team as well as cross-team.
- Reliable and able to work hard under pressure.
- Problem solving and safety conscious.
- Logical thinker.

Languages

- Fluent in Arabic (native Language).
- Very Good in English reading, writing, listening and speaking.

References

All references are available upon request.