

**CURRICULUM VITA**

# Personal

Name: Yahiya Kadaf Ahmed Manea

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Highest degree: Msc. (chemistry)

Academic background:

1. **B. Sc (Chemistry), Department of Chemistry, Faculty of Education, Zabid, University of Hodeida, Yemen June 2004.**
2. **M. Sc (Pure Chemistry), Department of Chemistry, Aden University, Yemen 12 / 02 / 2011**. **Title " "**

Previous and current professional positions

* 1. **Demonstrator, Dept. of chemistry, faculty of Education Zabid, Univ. of Hodeida from 2004 to 2006**.
  2. **Lecturer, in Al-salam School for Education – Bait Al-Faqih 2006-2011.**
  3. **Demonstrator, Dept. of chemistry, faculty of Education Hodeida, Univ. of Hodeida from 2010 to 2011**.
  4. **Assist. Lecturer, Dept. of Chemistry, faculty of Education, from 2006 to 2008**.
  5. **Lecturer, Dept. of chemistry, faculty of Education, Aden University, Aden-Yemen from 2012** -2019.

# List of Publication

[1] **Y.K. Manea**, A.M. Khan, S.A. Nabi, Facile synthesis of Mesoporous Sm@ POA/TP and POA/TP nanocomposites with excellent performance for the photocatalytic degradation of MB and MG dyes, J. Alloys Compd. 791 (2019) 1046–1062. doi:10.1016/j.jallcom.2019.03.091.

**(Elesever IF=4.63**)

[2] **Y.K. Manea**, A.M.T. Khan, M.T.A. Qashqoosh, A.A. Wani, M. Shahadat, Ciprofloxacin-supported chitosan/polyphosphate nanocomposite to bind bovine serum albumin: Its application in drug delivery, J. Mol. Liq. 292 (2019). doi:10.1016/j.molliq.2019.111337.

**(Elesever IF=5.06)**

[3] M.T.A. Qashqoosh, **Y.K. Manea**, F.A.M. Alahdal, S. Naqvi, Investigation of Conformational Changes of Bovine Serum Albumin upon Binding with Benzocaine Drug: a Spectral and Computational Analysis, Bionanoscience. 9 (2019) 848–858. doi:10.1007/s12668-019-00663-7. **(Elesever IF=1.8)**

[4] **Y.K. Manea**, A.M. Khan, Enhanced photocatalytic degradation of methylene blue and adsorption of metal ions by SDS-TiP nanocomposite, SN Appl. Sci. 1 (2019). doi:10.1007/s42452-019-0817-5.

**(Springer Nature IF= --**)

[5] Amjad Mumtaz Khan, **Y.K. Manea**, S.A. Nabi, Synthesis and Characterization of Nanocomposite Acrylamide TIN(IV) Silicomolybdate: Photocatalytic Activity and Chromatographic Column Separations, J. Anal. Chem. 74 (2019) 330–338. doi:10.1134/S1061934819040026.

**(Springer Nature IF=0.90)**

[6] M.T.A. Qashqoosh, F.A.M. Alahdal, **Y.K. Manea**, S.M. Zakariya, S. Naqvi, Synthesis, characterization and spectroscopic studies of surfactant loaded antiulcer drug into Chitosan nanoparticles for interaction with bovine serum albumin, Chem. Phys. 527 (2019). doi:10.1016/j.chemphys.2019.110462.

(**Springer Nature IF=1.1)**

[7] Qahtan, A.A.A., Husain, S., **Y.K. Manea**. et al. Influence of Mn doping on dielectric properties, conduction mechanism and photocatalytic nature of gadolinium-based orthochromites. J Mater Sci: Mater Electron (2020). https://doi.org/10.1007/s10854-020-03474-9

[8] Amjad Khan and **Y K Manea** , SYNTHESIS AND PROPERTIES OF GALLIC ACID-GRAFTED PHLOROGLUCINOL/FORMALDEHYDE COMPOSITE, CRC press, Research Methodologies and Practical Applications of Chemistry, 2019.[book chapter]

[9] Amjad Khan and **Y .K. Manea** "Membrane Technology for Water Treatment: Design, Development, and Applications " CHEMISTRY AND INDUSTRIAL TECHNIQUES FOR CHEMICAL ENGINEERS., APPLE ACADEMIC PRESS INC, 2019.[book chapter]

[10] A.A. Wani, A.M. Khan, Y.K. Manea, M. Shahadat, Z.A. Shaikh, S.W. Ali, Graphene-supported organic-inorganic layered double hydroxides and their environmental applications: A review, J. Clean. Prod. 273 (2020) 122980. doi:10.1016/j.jclepro.2020.122980.

**(Elesever IF=7.28)**

**Paper presented /accepted for presentation in national/ international Conferences**:

Amjad Mumtaz Khan, **Yahiya Kadaf Manea** and Premvir Singh, Titanium phosphate as new nano material for wastewater treatment, International Conference on Nanotechnology & Stem –ER held during March 12- 15,2016 at Centre of Excellence in Materials Science, Department of Applied Physics, Aligarh Muslim University, Aligarh, India.

**Yahiya Kadaf Manea** , Amjad Mumtaz Khan and Mansour Mohammad Hassan, Potentiometric Titrations based on the synthesis of metal-amino acids complexes, International Conference on Recent Advances in Chemical Sciences held during March 29-30,2016 at Department of Chemistry ,Aligarh Muslim University, Aligarh, India.

Amjad Mumtaz Khan,**Yahiya Kadaf Manea** and Syed Ashfaq Nabi, Synthesis of Composite Materials for Chromatographic Column Separations, European Chemistry Congress, Rome, Italy held during June 16-18th,2016.

Amjad Mumtaz Khan and **Yahiya Kadaf Manea** , Photocatalytic Degradation of Methylene Blue under Solar light by the Templated Synthesis of Sodium Dodecyl based on Nano titanium (IV) phosphate (SDS-TiP) Cation Exchanger, National Seminar on Recent Advances in Environmental Toxicology,Feb 13-14th 2017, held at Department of Biosciences, Jamia Millia Islamia, New Delhi.

**Yahiya Kadaf Manea,** Amjad Mumtaz Khan, and Mohsen Qashqoosh, Influence of Surfactant and Metal Ion on the Interaction of Ciprofloxacin with DL –Dopa: A Spectrophotometric Study, National Conference On Recent Advances in Chemical Sciences, March 25-26th 2017 held at Department of Chemistry, Aligarh Muslim University, Aligarh, India. Abstract published in the Abstract book of National/ International Conferences held during the Year 2018

**Yahiya Kadaf Manea** and Amjad Mumtaz Khan, Synthesis, Characterization Thermal studies of EDTA-Tin Nano composite cation exchanger for removal of methylene blue (MB) from aqueous solution 2018.

**Workshops**

Workshop on Data Analysis using SPSS, MINITAB&R at the Department of Statistics & Operations Research, Aligarh Muslim University .Aligarh, India, held during 01-07 April 2016.

Workshop on spreadsheet application in research and industry held at the Department of chemistry, Aligarh Muslim University, Aligarh, India during 28-29 March 2016.