

CURRICULUM VITAE

PERSONAL DATA

Name	Yasmeen Gaber Mohamed Abou El –Reash
Nationality	Egyptian
Position	Associate professor of analytical chemistry
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EDUCATION

Year	Academic Degree	Institution
2001	Bachelor of Science (Chemistry)	Chemistry Department, Faculty of Science, Mansoura University, Egypt.
2005	Master in analytical Chemistry	Chemistry Department, Faculty of Science, Mansoura University, Egypt.
2011	Doctorate in Analytical Chemistry	Institute of Analytical Chemistry, Technical University - Bergakademie Freiberg - Germany

WORK EXPERIENCE

Period	Position	Address
2001-2005	Demonstrator	Chemistry Department, Faculty of Science, Mansoura University, Egypt.
2005-2008	Assistant lecturer	Chemistry Department, Faculty of Science, Mansoura University, Egypt.
2009-2011	PhD Scholarship holder from the DAAD	Institute of Analytical Chemistry, Technical University - Bergakademie Freiberg - Germany
2011-2017	Lecturer of Analytical Chemistry	Chemistry Department, Faculty of Science, Mansoura University, Egypt
2018	Associate Professor of Analytical Chemistry	Chemistry Department, Faculty of Science, Mansoura University, Egypt
February-July 2014	Visiting researcher	Institute for Analytical and Bioanalytical Chemistry, Ulm, Germany

Sep.2017-Sep. 2018	Visiting researcher	Institute for Analytical Chemistry, Fudan University, Shanghai, China
April 2021- Dec. 2021	Visiting researcher	Department of Chemical and Biological Engineering at University at Buffalo (UB), USA.

RESEARCH INTERESTS

Analytical Chemistry, Solid phase extraction, Separation and preconcentration, Water treatment, Fluorescent metal ion sensors

PUBLICATIONS

- 1) Relation between blood levels of heavy metals and some markers of oxidative stress among boys with neuropathic bladder and posterior urethral valve**
KA Nabieh, TE Helmy, **YG Abou El-Reash**, WI Mortada
Journal of Trace Elements in Medicine and Biology 76, (2023) 127123
- 2) Enhanced performance of hydroxyl and cyano group functionalized graphitic carbon nitride for efficient removal of crystal violet and methylene blue from wastewater**
Nada M. Ghazy, Eslam A. Ghaith, Y. G. Abou El-Reash, Rania R. Zaky, Weam M. Abou El-Maaty and Fathi S. Awad
RSC Advances 12, (2022) 35587-35597
- 3) Microwave-assisted synthesis of MCM-41 composite with rice husk and its functionalization by dithizone for preconcentration of some metal ions from water and food samples**
WI Mortada, KA Nabieh, TE Helmy, **YG Abou El-Reash**
Journal of Food Composition and Analysis 106, (2022) 104352
- 4) Studying some analytical parameters affecting the removal of Mn (II) ions from aqueous media using facilely synthesised analcime**
Abdu Subaihi, Moataz Morad, Ahmed M Hameed, Ahmed Alharbi, **YG Abou El-Reash**, Faisal K Algethami, RM Hegazey, Ehab A Abdelrahman
International Journal of Environmental Analytical Chemistry 102 (9), (2022) 2140-2151
- 5) Eco-friendly dispersive liquid-liquid microextraction procedure based on solidification of floated organic drop coupled with back-extraction for preconcentration of rare earth elements**
WI Mortada, GG El-Gamal, MM Hassanien, AA Ibrahim, **YG Abou El-Reash**
International Journal of Environmental Analytical Chemistry, (2022) 1-15
- 6) Application of Novel Modified Chitosan Hydrogel Composite for the Efficient Removal of Eriochrome Black T and Methylene Blue Dyes from Aqueous Media**
AS Al-Wasidi, **YG Abouelreash**, S AlReshaidan, AM Naglah
Journal of Inorganic and Organometallic Polymers and Materials 32 (3), (2022) 1142-1158
- 7) Facile synthesis and characterization of novel Sn/Si mixtures for the efficient removal of methylene blue and crystal violet dyes from aqueous media**
AE Shalapy, **YG Abou El-Reash**, EA Abdelrahman, ME Khalifa
International Journal of Environmental Analytical Chemistry, (2021) 1-17

- 8) The selective separation of thorium from uranyl ions using ultrasonic-assisted solidified floating organic drop microextraction**
Ghada G El-Gamal, Wael I Mortada, Mohamed M Hassanien, Amr A Ibrahim, **Yasmeen G Abou El-Reash**
Journal of Analytical Atomic Spectrometry, 36 (2021) 1306-1312.
- 9) Cloud point extraction of copper using 4-(2-chloroacetamido)-salicylic acid as a complexing agent**
Huda A. Altantawy, Wael I. Mortada, Ehab Abdel-Latif, **Yasmeen G. Abou El-Reash**
Egyptian Journal of Chemistry 64 (1), 25-32
- 10) Greener route for the removal of toxic heavy metals and synthesis of 14-aryl-14H dibenzo [a, j] xanthene using a novel and efficient Ag-Mg bimetallic MOF as a recyclable nanocatalyst**
SA El-Hakam, Amr A Ibrahim, LA Elatwy, WS Abo El-Yazeed, Reda S Salama, **YG Abou El-Reash**, Awad I Ahmed
Journal of the Taiwan Institute of Chemical Engineers, 122 (2021) 176-189.
- 11) Chemically modified rice husk as an effective adsorbent for removal of palladium ions**
Kareem A Nabieh, Wael I Mortada, Tamer E Helmy, Ibrahim MM Kenawy, **Yasmeen G Abou El-Reash**
Heliyon, 7 (2021) e06062
- 12) Utilization of rice husk and waste aluminum cans for the synthesis of some nanosized zeolite, zeolite/zeolite, and geopolymer/zeolite products for the efficient removal of Co(II), Cu(II), and Zn(II) ions from aqueous media**
Ehab A. Abdelrahman, **Y.G. Abou El-Reash**, Hany M. Youssef, Yousra H. Kotp, R. M. Hegazey
Journal of Hazardous Materials 401 (2021) 123813
- 13) Micelle-mediated extraction for speciation and spectrophotometric determination of iron using a newly synthesized salicylic acid derivative.**
Yasmeen G. Abou El-Reash, Huda A. Tantawy, Ehab Abdel-Latif, Wael I. Mortada
Microchemical Journal 158 (2020) 105280
- 14) Novel bimetallic Ag-Fe MOF for exceptional Cd and Cu removal and 3,4-dihydropyrimidinone synthesis.**
W. S. Abo El-Yazeed, **Y. G. Abou El-Reash**, L. A. Elatwya and Awad I. Ahmed
Journal of the Taiwan Institute of Chemical Engineers 000 (2020) 1-12
- 15) Facile fabrication of bimetallic Fe-Mg MOF for the synthesis of xanthenes and removal of heavy metal ions.**
W. S. Abo El-Yazeed, **Y. G. Abou El-Reash**, L. A. Elatwya and Awad I. Ahmed
RSC Adv., 10 (2020) 9693
- 16) Preparation of lactic acid modified cellulose nanoparticles by microwave heating for preconcentration of copper from blood and food samples**
Ibrahim Mohamed Kenawy, Wael Ibrahim Mortada, **Yasmeen Gaber Abou El-Reash**, Aya Atef Mousa
Environmental Science and Pollution Research, (2019) 1-11. (Decm 27, 2019)

- 15) Effect of media variation on the removal efficiency of pollutants from domestic wastewater in constructed wetland systems**
Magdi Ebrahim Khalifa, **Yasmeen Gaber Abou El-Reash**, Mohamed I. Ahmed, Fady W. Rizk
Ecological Engineering, 143 (2020) 105668- 105676.
- 16) A lysosome-targeting nanosensor for simultaneous fluorometric imaging of intracellular pH values and temperature**
Wei Zhang, **Y. G. Abou El-Reash**, Longjiang Ding, Zhenzhen Lin, Ying Lian, Bo Song, Jingli Yuan, Xu-dong Wang
Microchimica Acta 185 (2018) 533-542.
- 17) Use of microwave irradiation for modification of mesoporous silica nanoparticles by thioglycolic acid for removal of cadmium and mercury**
I.M.M. Kenawy, **Y.G. Abou El-Reash**, M.M. Hassanien, N.R. Alnagar, W.I. Mortada
Microporous and Mesoporous Materials 258 (2018) 217-227 (Mar 1, 2018)
- 18) Solid Phase Extraction of Cu²⁺ and Pb²⁺ from Waters using New Thermally Treated Chitosan/Polyacrylamide Thin films; Adsorption kinetics and Thermodynamics**
Y.G. Abou El-Reash*, A.M. Abdelghany, K. Leopold
International Journal of Environmental Analytical Chemistry 97 (2017) 965–982. (Sep 22, 2017)
- 19) Extractive separation of Profenofos as an organophosphorous insecticide from wastewater and plant samples using molecular imprinted cellulose**
Magdi E. Khalifa, Ibrahim M. M. Kenawy, **Y.G. Abou El-Reash**, A. B. Abdallah
Journal of Environmental Chemical Engineering 5 (2017) 3447-3454. (Jul 21, 2017)
- 20) 3-(2-(2-oxo-2H-chromene-3-carbonyl)hydrazono)-N-(pyridin-2- yl) butanamide complexes: Synthesis, characterization, DFT, Biological and Ion-flotation studies**
Rania Zaky, **Y. G. Abou El-Reash***, Ahmed Fekri, Hany M. Youssef, Abdulrahman S. Noori
Heterocyclic chemistry 54 (2017) 3632-3645. (Oct 3, 2017)
- 21) Spectroscopic, DFT and Biological studies on Some Complexes of Girard's T Dithiocarbamate and its application in Removal of Some Heavy Metal ions by Flotation Technique**
D.A. Abdel-Latif, H.M. Youssef, **Y.G. Abou El-Reash**
Journal of Molecular Liquids 241 (2017) 456-468
- 22) Microwave assisted modification of cellulose by gallic acid and its application for removal of aluminium from real samples.**
W.I. Mortada, I.M.M. Kenawy, **Y.G. Abou El-Reash**, A.A. Mousa
International Journal of Biological Macromolecule 101, May (2017), 490–501. (Mar 19, 2017)
- 23) Removal and Separation of Cu(II) from Aqueous Solutions Using Nano-Silver Chitosan/Polyacrylamide Membranes**
Y.G. Abou El-Reash*, A.M. Abdelghany, A. Abd Elrazak
International Journal of Biological Macromolecule 86, May (2016), 789–798.
- 24) Magnetic Chitosan Modified with Cysteine-Glutaraldehyde as adsorbent for removal of heavy metals from water**
Y.G. Abou El-Reash
Journal of Environmental Chemical Engineering, 4, August (2016), 3835–3847.

- 25) Ion-imprinted modified chitosan resin for selective removal of Pd(II) ions.**
M. Monier, D.A. Abdel-Latif, **Y.G. Abou El-Reash**
Journal of Colloid and Interface Science 469 (2016) 344-354. (May 1, 2016)
- 26) Extractive separation of Profenofos as an organophosphorous insecticide from wastewater and plant samples using molecular imprinted cellulose**
Magdi E. Khalifa, Ibrahim M.M. Kenawy, **Y.G. Abou El-Reash**, A.B. Abdallah
Journal of Environmental Chemical Engineering, 5 (4) 2017, 3447-3454
- 27) A new modified cellulose nanoparticles for solid phase extraction of some metal ions in biological and water samples**
Ibrahim M.M. Kenawy , Wael I. Mortada, **Yasmeen G. Abou El-Reash**, Abdulqader H. Hawwas
Canadian journal of chemistry, Can. J. Chem. 94 (2016) 221–228 (Nov 30, 2015)
- 28) Removal of Malachite Green Using Graphene Oxide**
Awad I. Ahmed*, **Y. G. Abou El-Reash**, A. A. Ibrahim and A. M. Abou Hashem
International Journal of Modern Chemistry, 2014, 6(3)118-130
- 29) Photocatalytic degradation of methylene blue by modified bismuth molybdate catalysts**
S.A. El-Hakam, **Y.G. Abou El-Reash**, Saafan T.A. and A.G. Abd-El-Hameed
Middle East Journal of Applied, 5 (2015) 1-5.
- 30) Adsorption of Cr(VI) and As(V) ions by modified magnetic chitosan chelating resin**
Yasmeen G. Abou El-Reash*, Matthias Otto, Ibrahim M. Kenawy and Abdel Fatah M. Ouf.
International Journal of Biological Macromolecules 49 (2011) 513– 522.
- 31) Synthesis, thermal and spectral studies of first-row transition metal complexes with girard P reagent-based ligand**
Usama El-Ayaan, I.M. Kenawy and **Yasmeen G. Abou El-Reash**
Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 68 (2007) 211-219.
- 32) Synthesis, thermal and spectral studies of first-row transition metal complexes with Girard-T reagent-based ligand**
Usama El-Ayaan, I.M. Kenawy and **Yasmeen G. Abou El-Reash**
Journal of Molecular Structures, 871 (2007) 14-23.