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Biography

- *Ph.D. in Chemical Engineering, Faculty of Engineering, Alexandria University, November 2002.*
- *M.sc. in Chemical Engineering, Faculty of Engineering, Alexandria University, December, 1995.*

Research Interests

Chemical Engineering, Environmental water pollution

Publications

1. Khaled, Ahmed El Nemr, Amany El-Sikaily , **Ola Abdelwahab (2009)** " Removal of Direct N Blue-106 from artificial textile dye effluent using activated carbon from orange peel: Adsorption isotherm and kinetic studies", Journal of Hazardous Materials, Vol. 165, 100- 110.
2. **O. Abdelwahab**, N.K Amin, E-S El-Ashtoukhy (2009) " Electrochemical removal of phenol from oil refinery wastewater", Journal of Hazardous Materials, Vol. 163, 711-716.
3. Ahmed El-Nemr, **Ola Abdelwahab**, Amany El-Sikaily (2009) "Removal of direct blue-86 from aqueous solution by new activated carbon developed from orange peel", Journal of Hazardous Materials. Vol. 161, 102- 110.
4. E-S El-Ashtoukhy, N.K Amin, **O. Abdelwahab**, (2009) "Treatment of paper mill effluents in a batch- stirred electrochemical tank reactor", Chemical Engineering Journal. Vol. 146, 205- 210.
5. Azza Khaled, Ahmed El Nemr, Amany El-Sikaily, **Ola Abdelwahab (2009)** " Treatment of artificial textile dye effluent containing Direct Yellow 12 by orange peel carbon" Desalination Journal. Vol. 238, 210–232.
6. Ahmed El-Nemr, Azza Khaled, **Ola Abdelwahab**, Amany El-Sikaily (2008), " Treatment of wastewater containing toxic chromium using new activated carbon developed from date palm seed", Journal of Hazardous Materials. Vol. 152, 263-275.
7. **Ola Abdelwahab (2008)**, " Evaluation of the use of loofa activated carbons as potential adsorbents for aqueous solutions containing dye", Desalination (222) 357- 367.
8. E-S.Z. El-Ashtoukhy, N.K. Amin, **O. Abdelwahab (2008)** " Removal of lead (II) and copper (II) from aqueous solution using pomegranate peel as a new adsorbent", Desalination

(223) 162- 173.

9. N.K. Amin, E-S.Z. El-Ashtoukhy, **O. Abdelwahab (2007)**, "Rate of cadmium ions removal from dilute solutions by cementation on zinc using a rotating fixed bed reactor", Journal of Hydrometallurgy. 89 (3-4) 224- 232.
10. Amany El Sikaily, Ahmed El Nemr, Azz Khaled, **Ola Abdelwahab (2007)** "Removal of toxic Chromium from wastewater using green alga *Ulva lactuca* and its activated Carbon" Journal Hazardous Materials. (148) 216- 228.
11. **Ola Abdelwahab (2007)**, "Kinetic and isotherm studies of copper (II) removal from wastewater using various Adsorbents" Egyptian Journal of Aquatic Research. 33 (1) 125-143.
12. Ahmed El Nemr, Amany El Sikaily, Azza Khaled, **Ola Abdelwahab (2007)** "Removal of toxic chromium (VI) from aqueous solution by activated carbon using *Casuarina Equisetifolia*" Chemistry and Ecology. 23(2) 119-129.
13. **Ola Abdelwahab**, Amany El Sikaily, Azz Khaled, Ahmed El Nemr **(2007)** "Mass transfer processes of Chromium (VI) adsorption onto Guava seeds" Chemistry and Ecology. 23(1) 73-85.
14. Ahmed El Nemr, **Ola Abdelwahab**, Amany El Sikaily, Azz Khaled **(2006)** "Adsorption of Direct Red 23 from Aqueous Solution Using Rice Husk Activated by Citric Acid" Environmental Science: An Indian Journal, V(1), issue 3-4.
15. Nevine K. Amin, **Ola Abdelwahab (2006)**, Equilibrium Sorption Isotherm And Kinetics For Lead(II) Onto Activated Carbon Development From Doum-Palm Seed, Environmental Science: An Indian Journal, V(1), issue 3-4.
16. Ahmed El Nemr, **O. Abdelwahab**, OA. El-Sikaily, A. Khaled **(2006)** "Biosorption of Direct Yellow 12 from aqueous solution by marine green algae *Ulva Lactuca*" Chemistry and Ecology 22 (4) 253-266.
17. A. El Sikaily, A. Khaled, A. El Nemr and **O. Abdelwahab (2006)** " Removal of Methylene blue from aqueous solution by marine green alga *Ulva Lactuca*" Chemistry and Ecology, Vol. 22 (2), 149- 157.
18. R.R. Zahran, G.H. Sedahmed, **O.E. Abdelwahab** and W. M. El-Sarraf **(2006)** " Mass- transfer- controlled impingement corrosion at Jet inlet zone of an annulus under turbulent flow", Ind. Eng. Chem. Res., Vol. 45, 1160- 1166.
19. **Ola Abdelwahab**, Ahmed El Nemr, Amany El-Sikaily and Azza khaled **(2005)** "Use of rice husk for adsorption of direct dyes from aqueous solution: A case study of Direct F. Scarlet. Egyptian Journal for Aquatic Research Vol. 31 (1), 1- 12.
20. Ahmed El Nemr, **Ola Abdelwahab**, Azza Khaled and Amany El-Sikaily **(2005)** "Removal of Chrysophenine from aqueous solution by *Ulva Lactuca*" Egyptian Journal for Aquatic Research Vol. 31, 86-98.
21. Azza khaled, Ahmed El Nemr, Amany El-Sikaily and **Ola Abdelwahab (2005)** "Biosorption of Basic Blue nine from water solution by marine algae" Egyptian Journal for Aquatic Research Vol. 31, 130-141.

III. International Conferences

22. **Ola Abdelwahab**, Azza Khaled, Ahmed El-Nemr, Amany El-Sikaily, "Adsorption kinetics for the removal of toxic chromium from aqueous solution on the pomegranate husk and its activated carbon", International conference on aquatic resources: Needs and Benefits, Alexandria, Egypt, 18-21st September 2006.
23. Ahmed El-Nemr, Amany El-Sikaily, **Ola Abdelwahab**, Azza Khaled, "Direct dye (DB-86) removal from aqueous solution by adsorption using activated carbon from orange peel", International conference on aquatic resources: Needs and Benefits, Alexandria, Egypt, 18-21st September 2006.
24. **Ola Abdelwahab**, Ahmed El Nemr, Amany El-Sikaily, Azza khaled (2005) "Use of rice husk for adsorption of direct dyes from aqueous solution: A case study of Direct F. Scarlet" The 1st International conference on aquatic resources of the Arab Region, Sheraton El Montaza, Alexandria, Egypt, 7-9th May 2005, p 110.
25. Azza Khaled, Ahmed El Nemr, **Ola Abdelwahab** and Amany El Sikaily (2005) "Removal of Chromium (VI) from aqueous solution using activated carbon" The 12 International conference for Arabian Biologist, Hodida, Yemen, November 19-24 (2005) p.
26. Ahmed El Nemr, Amany El Sikaily, Azza Khaled, **Ola Abdelwahab** (2006) "Highly active carbon from *Casuarina equisetifolia* for removing toxic Cr(VI) from aqueous solution" Second International Conference on Materials Institute of Materials Systems "IMS" / School of Engineering American University of Sharjah – United Arab Emirates 17 – 19 January 2006.
27. A.Moet, M. Abdelmonim and **O. Abdelwahab** (1996) "Assessment of Chemical Treatment of Oil Spill in Seawater", Proceeding of 6th International Conference on Environmental Protection is a Must, Egypt.
28. A. Moet, M.Y. Bakr, M. Abdelmonim and **O. Abdelwahab** (1995) "Factors Affecting Measurements of the Efficiency of Spilt Oil Dispersion", ACS meeting, IL, USA,