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**Profile-----------------------------------------------------------------------------------------**

Creative and teacher dedicated to fostering a student-centered classroom

environment based on mutual respect and collaboration. Committed to helping students to becoming successful.

**Eduction----------------------------------------------------------------------------------------**

1. Ph. D in organic chemistry entitle "synthesis of potentially biological active new quinolones", Minia University, Egypt, Feb 2020
2. Master in Organic chemistry entitle "Studies on PolySubstituted Azines", Al-azhar University-Assuit, from 11/2007 to 3/2011.
3. B.Sc. of Science, Special Chemistry Section, very good 82.62%,

May 2005, Al-azhar University –Assuit.

**Publications**

1. New Route for the Synthesis of Pyrazolone Derivatives, Elixir Org. Chem. 89 (2015) 36854-36859.
2. Amendment to the drinking water treatment plant design, The Second International Conference on New Horizons in Basic and Applied Science (ICNHBAS, www.nhbas.com) 1–6 August 2015, Hurghada, Egypt,

3- [Synthesis of pyrano[3,2-c]quinoline-4-carboxylates and 2-(4-oxo-1,4- dihydro-quin-olin-3-yl)fumarates](https://www.researchgate.net/publication/319088521_Synthesis_of_pyrano32-cquinoline-4-carboxylates_and_2-4-oxo-14-dihydroquinolin-3-ylfumarates), Chem. Pap. 12 August 2017.

DOI: 10.1007/s11696-017-0269-6.

1. Synthesis of spiro(indoline-3,4'-pyrano[3,2-c]quinoline)-3'-carbonitriles, January 2018, MonatsheftefuerChemie/Chemical Monthly. DOI: 10.1007/s00706-017-2078-6
2. [One-pot synthesis of 2,3-bis-(4-hydroxy-2-oxo-1,2-dihydroquinolin-3-yl)- succinates and arylmethylene-bis-3,3′-quinoline-2-ones](https://www.researchgate.net/publication/326684763_One-pot_synthesis_of_23-bis-4-hydroxy-2-oxo-12-dihydroquinolin-3-ylsuccinates_and_arylmethylene-bis-33%27-quinoline-2-ones), Chem. Pap. DOI: 10.1007/s11696-018-0561-0
3. Synthesis of novel 1,2-bis-quinolinyl-1,4-naphthoquinones: ERK2 Inhibition, Cytotoxicity and Molecular Docking Studies , Bioorganic Chemistry 81 (2018) 700–712.

 DOI: 10.1016/j.bioorg.2018.09.017

1. Design, Synthesis and Biological Evaluation of Fused naphthofuro[3,2-c] quinoline-6,7,12-triones and pyrano[3,2-c]quinoline6,7,8,13-tetraones derivatives as ERK inhibitors with Efficacy in BRAF-mutant Melanoma[Bioorganic Chemistry](https://www.sciencedirect.com/science/journal/00452068) [82](https://www.sciencedirect.com/science/journal/00452068/82/supp/C),  2019, 290-305. DOI: [10.1016/j.bioorg.2018.10.044](http://dx.doi.org/10.1016/j.bioorg.2018.10.044)
2. 4-Hydroxy-2-quinolones: syntheses, reactions and fused heterocycles, [Molecular Diversity](https://link.springer.com/journal/11030).

 DOI: [10.1007/s11030-019-09952-5](http://dx.doi.org/10.1007/s11030-019-09952-5)