



Ain Shams University  
Faculty of Science  
Chemistry Department



Faculty of Science

# Preparation of novel nano particles for removal of some toxic pollutants

A Thesis submitted for  
The award of the Ph.D Degree of science in Chemistry

By

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**Title: Preparation of novel nano particles for removal of some toxic pollutants**

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**Degree:** Ph.D. Degree of science in Chemistry

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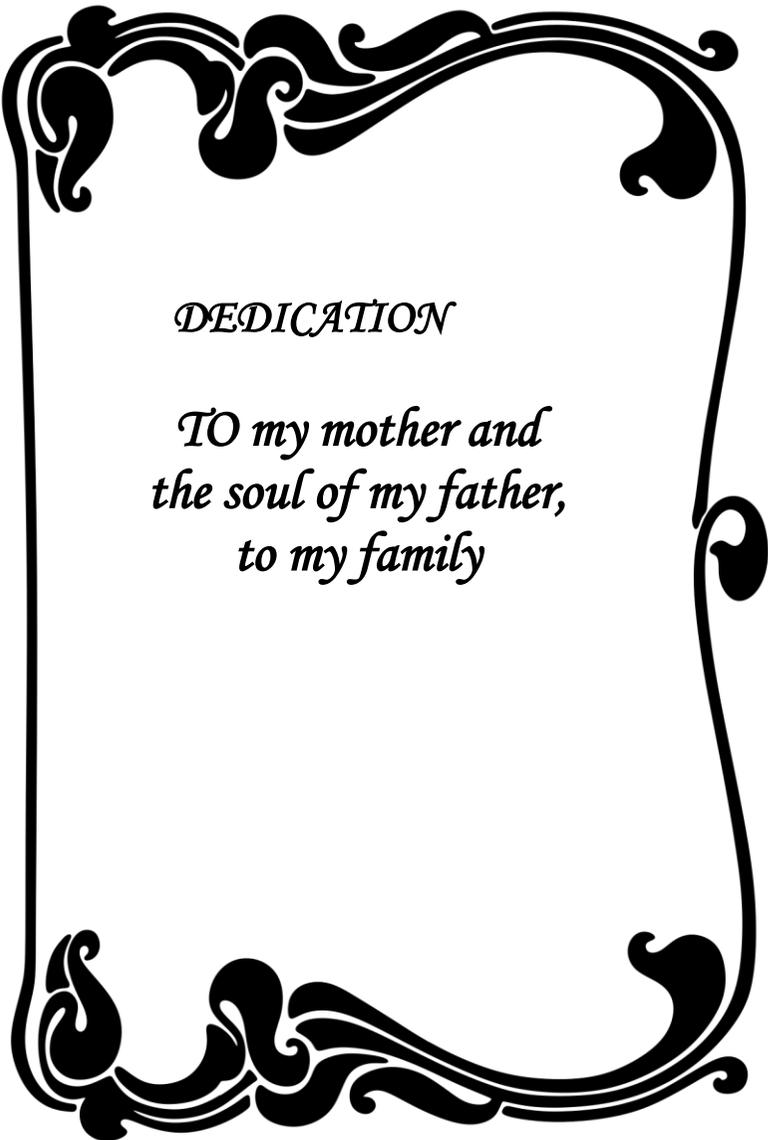
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*DEDICATION*

*TO my mother and  
the soul of my father,  
to my family*



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## Table of Contents

<b>Subject</b>	<b>Page</b>
Dedication	IV
Acknowledgement	V
Table of contents	VI
List of tables	XI
List of figures	XIII
List of abbreviations	XXII
Abstract	XXIII
<b>Chapter One</b>	
<b>Introduction and Literature survey</b>	
<b>Subject</b>	<b>Page</b>
1.1.1. General introduction	2
1.1.1.2. Dyes as pollutants	3
1.1.1.2.1. Methylene blue dye	4
1.1.1.2.2. Amaranth dye	5
1.1.1.3. P-Nitrophenol	5
1.1.2. Nanomaterials and environment	7
1.1.2.1. Semiconductors nanomaterials	9
1.1.2.2. Syntheses routes of metal oxides nanomaterials	11
1.1.2.2.1. Microemulsion method.	11
1.1.2.2.2. Laser ablation method	13
1.1.2.2.3. Chemical Vapor Deposition (CVD) method	14
1.1.2.2.4. Co-precipitation method	15
1.1.2.2.5. Hydrothermal Synthesis	15
1.1.2.2.6. Sonochemical Synthesis	16
1.1.2.2.7. Microwave -assisted method	18
1.1.2.2.8. Sol-Gel method	19
1.1.3. Wastewater treatment	21
1.1.3.1. Photocatalysis	24
1.1.3.1.1. Principle of heterogeneous photocatalysis	26
1.1.3.1.2. Nano Tin oxide SnO <sub>2</sub> photocatalyst	29
1.1.3.1.3. Tin Oxide nanoparticles as catalyst for reduction of P-Nitrophenol	32
1.2. Literature survey	35

<b>Chapter TWO Experimental</b>	
2.1. Materials	49
2.2. Instrumentation	50
2.2.1. Weighing of used and prepared materials	50
2.2.2. pH Meter	50
2.2.3. Dried and calcination instruments	50
2.2.4. Centrifuge	50
2.2.5. Magnetic stirrer with hot plate	50
2.2.6. UV-lamp	50
2.2.7. Characterization of prepared samples	51
2.2.7.1. Fourier transform infrared spectroscopy (FT-IR)	51
2.2.7.2. X-ray diffraction analysis (XRD)	51
2.2.7.3. Surface area analysis (BET)	51
2.2.7.4. Morphology analysis –high resolution transmission electron microscope (HRTEM)	51
2.2.7.5. UV-Visible/diffuse reflectance instrumentation (DRS)	52
2.2.7.6. Spectrofluorometer instrumentation	52
2.3. Experimental methods	52
2.3.1. Synthesis of photocatalysts nanoparticles	52
2.3.1.1. Synthesis of SnO <sub>2</sub> nanoparticles	52
2.3.1.2. Synthesis of Sn-Ag nanoparticles	53
2.3.1.3. Synthesis of Sn-AgBr nanoparticles	53
2.3.1.4. Synthesis of Sn-AgI nanoparticles	54
2.3.1.5. Synthesis of Sn-Ag <sub>3</sub> PO <sub>4</sub> nanoparticles	54
2.4. Preparation of stock solutions	55
2.4.1. Stock solution of methylene blue dye (MB) as cationic model	55
2.4.2. Stock solution of amaranth dye as an anionic model	55
2.4.3. Stock solution of 4-nitrophenol (PNP)	56
2.5. The procedures to remove the contaminants	57
2.5.1. Adsorption and photodegradation of methylene blue and amaranth dyes procedures	57
2.5.2. Reduction of 4-nitrophenol procedure	57
2.6. A procedure to study the effect of radical scavengers	57
2.7. The detection experiment of <sup>•</sup> OH radicals	58
2.8. The recycling experiments of pure SnO <sub>2</sub> and some prepared samples	58
2.9. pH <sub>pzc</sub> Zero of point charge determination of pure SnO <sub>2</sub> and Sn-5% Ag catalysts	58

<b>Chapter Three Results and discussion</b>	
3.1. Characterization of prepared nanoparticles.	60
3.1.1. Characterization of tin oxide nanoparticles and silver decorated samples	60
3.1.1.1. FT- IR analysis of silver decorated on tin oxide samples	60
3.1.1.2. XRD characterization	63
3.1.1.3. High Resolution Transmission Electron Microscope (HRTEM) of pure SnO <sub>2</sub> and Ag decorated on SnO <sub>2</sub> NPs	68
3.1.1.4. Surface characterization	74
3.1.1.5. Optical properties of Ag decorated on SnO <sub>2</sub> NPs	81
3.1.1.6. Photoluminescence (PL) studies of Ag decorated on SnO <sub>2</sub> NPs	86
3.1.2. Characterization of silver iodide decorated tin oxide samples:	88
3.1.2.1. FT-IR analysis of silver iodide decorated tin oxide samples	88
3.1.2.2. XRD characterization of AgI decorated on SnO <sub>2</sub> catalysts	92
3.1.2.3. High Resolution Transmission Electron Microscope (HRTEM) of AgI decorated on SnO <sub>2</sub> NPs	96
3.1.2.4. Surface characterization	101
3.1.2.5. Optical properties of AgI decorated on SnO <sub>2</sub> NPs	106
3.1.2.6. Photoluminescence (PL) studies of AgI decorated on SnO <sub>2</sub> NPs	112
3.1.3. Characterization of silver Bromide decorated tin oxide samples	114
3.1.3.1. FT-IR analysis of silver Bromide decorated tin oxide samples	114
3.1.3.2. XRD of silver Bromide decorated tin oxide samples	117
3.1.3.3. High Resolution Transmission Electron Microscope (HRTEM) of AgBr decorated SnO <sub>2</sub> NPs	122
3.1.3.4. Surface characterization	127
3.1.3.5. Optical properties of AgBr decorated on SnO <sub>2</sub> NPs	132
3.1.3.6. PL of AgBr decorated on SnO <sub>2</sub> NPs	137
3.1.4. Characterization of Ag <sub>3</sub> PO <sub>4</sub> decorated on tin oxide	139
3.1.4.1. FT- IR analysis of silver phosphate decorated SnO <sub>2</sub> NPs samples	139
3.1.4.2. XRD characterization	142

3.1.4.3. High Resolution Transmission Electron Microscope (HRTEM) of Ag <sub>3</sub> PO <sub>4</sub> decorated SnO <sub>2</sub> NPs	147
3.1.4.4. Surface Characterization	151
3.1.4.5. Optical properties of Ag <sub>3</sub> PO <sub>4</sub> decorated on SnO <sub>2</sub> NPs.	156
3.1.4.6. PL of Ag <sub>3</sub> PO <sub>4</sub> decorated on SnO <sub>2</sub> NPs	161
3.2. Degradation of some pollutants by using prepared nanomaterials	163
3.2.1. Photodegradation of methylene blue	163
3.2.1.1. Photodegradation of methylene blue using tin oxide and silver decorated tin oxide samples	163
3.2.1.1.1. Effect of pH on removal of methylene blue dye	172
3.2.1.1.2. Effect of radical scavenger	175
3.2.1.1.3. Detection of hydroxyl radicals	177
3.2.1.1.4. The recycling study of nanocatalysts pure SnO <sub>2</sub> and Sn-5%Ag	178
3.2.1.2. Photodegradation of methylene blue using silver iodide decorated on tin oxide samples	180
3.2.1.2.1. Kinetics of MB dye degradation over silver iodide doped with tin oxide	184
3.2.1.2.2. Effect of radical scavenger	187
3.2.1.2.3. Detection of hydroxyl radicals	188
3.2.1.2.4. Recycling of AgI doped with SnO <sub>2</sub> NPs	190
3.2.1.3. Photodegradation of methylene blue over silver bromide decorated on tin oxide	191
3.2.1.3.1. Kinetics of MB dye degradation over silver bromide doped with tin oxide	195
3.2.1.3.2. The effect of various scavengers over Sn-AgBr catalysts	197
3.2.1.3.3. Detection of hydroxyl radicals	198
3.2.1.3.4. Recycling of AgBr doped with SnO <sub>2</sub> NPs	199
3.2.1.4. Photodegradation of methylene blue over silver phosphate doped with tin oxide	200
3.2.1.4.1. Kinetics of MB dye degradation over silver phosphate doped tin oxide.	203
3.2.1.4.2. The effect of various scavengers over Sn-Ag <sub>3</sub> PO <sub>4</sub> catalysts	205
3.2.1.4.3. Detection of hydroxyl radicals	208
3.2.1.4.4. Recycling of Ag <sub>3</sub> PO <sub>4</sub> doped with SnO <sub>2</sub> NPs	209

3.2.2. Photocatalytic degradation of Amaranth dye	210
3.2.3. Total organic carbon analysis of some samples	214
3.2.4. Catalytic activity of pure SnO <sub>2</sub> and some of the prepared samples	215
3.2.4.1. Mechanism of reduction of p-nitro phenol to p-amino phenol using prepared catalysts	216
3.2.4.2. Kinetics of reduction of 4-NP using prepared catalysts	219
Summary and Conclusion	220
References	224
Arabic abstract	v