

PREPARING RGO/Mn₃O₄ NANOCOMPOSITE BY USING 3 DIFFERENT
MANGANESE PRECURSORS VIA MICROWAVE HEATING

A Thesis

presented to

the Faculty of the Graduate School

at the University of Missouri-Columbia

In Partial Fulfillment

of the Requirements for the Degree

Master of Science

by

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MAY 2014

The undersigned, appointed by the dean of the Graduate School, have examined the thesis entitled

PREPARING RGO/Mn₃O₄ NANO COMPOSITE BY USING 3 DIFFERENT
MANGANESE PRECURSORS VIA MICROWAVE HEATING

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and hereby certify that, in their opinion, it is worthy of acceptance.

Professor Sheila N. Baker

Professor Paul Chan

Professor Hao Li

DEDICATION

This thesis is dedicated to my sagacious parents and wonderful friends. Thank you for your support and help from the beginning of my research, and also thank you for your encouragement throughout my entire experiment.

ACKNOWLEDGEMENTS

First and foremost, I would like to express my sincere gratitude to Dr. Sheila N. Baker for the valuable guidance, advice and patience. In the past two years, she taught and inspired me how to do the research in a correct way. Also her willingness to motivate me contributed tremendously to my research project.

I would also like to thank Dr. Paul Chan and Dr. Hao Li for their willingness to be members of my thesis committee and for offering me with a good environment, facilities and kind help to complete this research project. My thanks also go to Du Tang who helped me from the beginning of my research, and Jing Wang who helped me a lot at the XRD and TEM characterizations. In addition, many thanks to all the members of Dr. Sheila N. Baker's research group for their help and encouragement. Finally, an honorable mention goes to my family and friends for their understandings and supports on me in completing this project.

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LIST OF ABBREVIATIONS

RGO	Reduced graphene oxide
GO	Graphene oxide
DI	Deionized
HOPG	Highly Ordered Pyrolytic Graphite
CV	Cyclic Voltammetry
ITO	Indium tin oxide
GCE	Graphite Cyanate Ester

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