REFERENCES

Akhavan, O., Ghaderi, E., Aghayee, S., Fereydooni, Y. and Talebi, A. (2012). The Use of a Glucose-reduced Graphene Oxide Suspension for PhotoThermal Cancer Therapy, *Journal of Materials Chemistry, 22*, 13773–13854.

Ali, S. R., Chandra, P., Latwal, M., Jain, S. K. and Bansal, V. K. (2011). Synthesis of Nickel Hexacyanoferrate Nanoparticles and Their Potential as Heterogeneous Catalysts for the Solvent-Free Oxidation of Benzyl Alcohol. *Chinese Journal of Catalysis, 32*, 1844–1849.

Amini, S., Garay, J., Liu, G., Balandin, A. A. and Abbaschian, R. (2010). Growth of Large-area Graphene Films from Metal-Carbon Melts. *Journal of Applied Physics, 108*(9), 094321-094328.

Amos, L. J., Schmidt, M. H., Sinha, S. and Bocarsly, A. B. (1986). Overlayer-support Interactions Associated with the Formation of a Chemically Modified Interface: The Nickel Ferrocyanide Derivatized Nickel Electrode. *Langmuir, 2*(5), 559-561.

Anna, L. O. and Andrzej P. N. (2007). Metal Hexacyanoferrate Network Synthesized Inside Polymer Matrix for Electrochemical Capacitors. *Journal of Power Sources, 17*, 829–836.

Artur, M., Pintoa, Inês, C., Gonçalves, Fernão, D. and Magalhães. (2013). Graphene-based Materials Biocompatibility: A review. *Colloids and Surfaces B: Biointerfaces, 111*, 188–202.

Ashjaran, A. and Oshagi, H. (2014). Graphene as Single Layer of Carbon Atoms: Perusal on Structure, Properties and Applications. *Research Journal of Pharmaceutical, Biological and Chemical Sciences, 5*(5), 327-335.

Balandin, A. A., Ghosh, S., Bao, W. Z., Calizo, I., Teweldebrhan, D., Miao, F. and Lau, C. N. (2008). Superior Thermal Conductivity of Single-layer Graphene. *Nano Letters, 8*, 902-909.

Balmaseda, J., Reguera, E., Gomez, A., Diaz, B. and Autie, M. (2002). Evaluation of Cadmium Hexacyanoferrate (III) as a Microporous Material. *Microporous and Mesoporous Materials, 54*, 285-292.

Bocarsly, A. B. and Sinha, S. J. (1982). Chemically-derivative Nickel Surfaces: Synthesis of New Class Stable of Electrode Interfaces. *Journal of Electroanalytical Chemistry, 137*, 157-162.

Bocarsly, A. B., Amos, L. J., Duggal, A., Mirsky, E., Ragonesi, P. and Fitzgerald-Bocarsly, P. A. (1988). Morphological Variation at The $[NiFe(CN)_6]^{2-}$ $/^{1-}$ Derivatized Nickel Electrode: A Technique for the Evaluation of Alkali Cation Containing Solutions. *Analytical Chemistry, 60*(3), 245-249.

Borgohain, R., Li, J., Selegue, J. P. and Cheng, Y. T. (2012). Electrochemical Study of Functionalized Carbon Nano-Onions for High-performance Supercapacitor Electrodes. *Journal of Physical Chemistry C, 116*, 15068–15075.

Bose, S., Kuila, T., Mishra, A. K., Kim, N. H. and Lee, J. H. (2012). Dual Role of Glycine as a Chemical Functionalizer and a Reducing Agent in the Preparation of Graphene: ana Environmentally Friendly Method. *Journal of Materials Chemistry, 22*, 9696–9703.

Brodie, B. C. (1859). On the Atomic Weight of Graphite. *Philosophical Transactions of The Royal Society of London, 149*, 249-259.

Cai, W., Zhu, Y., Li, X., Piner, R. D. and Ruoff, R. S. (2009). Large Area Few-layer Graphene/graphite Films as Transparent Thin Conducting Electrodes. *Applied Physics Letters, 95*, 123115-123118.

Cao, H., Yu, Q., Colby, R., Pandey, D., Park, C. S. and Lian, J. (2010). Large-scale Graphitic Thin Films Synthesized on Ni and Transferred to Insulators: Structural and Electronic Properties. *Journal of Applied Physics, 107*, 044310-044317.

Caterina, S., Ather, M. and Erik, D. (2010). Production, Properties and Potential of Graphene. *Carbon, 48*, 2127 – 2150.

Cernak, J., Orendac, M., Potocnak, I., Chomic, J., Orendacova, A., Skorsepa, J. and Feherb, A. (2002). Cyanocomplexes with One-dimensional Structures: Preparations, Crystal Structures and Magnetic Properties. *Coordination Chemistry Reviews, 224*, 51-56.

Chang, C. H., Chau, L. K., Hu, W. P., Wang, C. Y. and Liao, J. H. (2008). Nickel Hexacyanoferrate Multilayers on Functionalized Mesoporous Silica Supports for Selective Sorption and Sensing of Cesium. *Microporous and Mesoporous Materials, 109*(1–3): 505-512.

Chen, J. Y., Wen, Y. G., Guo, Y. L., Wu, B., Huang, L. P., Xue, Y. Z., Geng, D. C., Wang, D., Yu, G. and Liu, Y. Q. (2011). Oxygen-Aided Synthesis of Polycrystalline Graphene on Silicon Dioxide Substrates. *Journal of the American Chemical Society, 133*, 17548-17551.

Chen, D., Li, L. and Guo, L. (2011). An Environment-friendly Preparation of Reduced Graphene Oxide Nanosheets via Amino Acid. *Nanotechnology, 22*, 325-601.

Chen, J. H., Jang, C., Xiao, S., Ishigami, M. and Fuhrer, M. S. (2008). Intrinsic and Extrinsic Performance Limits of Graphene Devices on SiO_2. *Nature Nanotechnology, 3*, 206-209.

Chen, J., Huang, K. and Liu, S. (2008). Insoluble Metal Hexacyanoferrates as Supercapacitor Electrodes. *Electrochemistry Communications, 10*, 1851–1855.

Chen, J., Huang, K., Liu, S. and Hu, X. (2009). Electrochemical Supercapacitor Behavior of $Ni_3(Fe(CN)_6)_2(H_2O)$ Nanoparticles. *Journal of Power Sources, 186*, 565–569.

Cohen, T., David, G. and Jeffrey C. (2012). Water Desalination across Nanoporous Graphene. *Nano Letters, 12*(7), 3602–3608.

Cox, J. A. and Das, B. K. (1985). Voltammetric Determination of Nanoelectroactive Ions at Modified Electrode. *Analytical Chemistry, 57*, 239-240.

Creighton, J R. and Ho, P. (2001). *Chemical Vapor Deposition*. Surface Engineering Series, vol 2. ASM International.

Dan, Y., Lu, Y., Kybert, N. J., Luo, Z., Johnson, A. T. and Charlie. (2009). Intrinsic Response of Graphene Vapor Sensors. *Nano Letters*, 9(4), 1472–1475.

David Stacey . (2014). Research Unlocks Potential of Super-compound. *Physic.org*. 1-2 (online). Retrived from http://phys.org/news/2014-10-potential-super-compound.html on 16 August 2016.

Denton, D., Hesketh, P. J. and Hughes, H. (1995). Proceedings of Microstructures and Microfabricated Systems II Eds. *Journal of The Electrochemical Society, 95*(27), 167-176.

Dervishi, E., Li, Z., Watanabe, F., Biswas, A., Xu, Y., Biris, A.R., Saini, V. and Biris, A.S. (2009). Thermally Controlled Synthesis of Single-wall Carbon Nanotubes with Selective Diameters. *Chemical Communications, 19*, 4061–4063.

Dhawalea, D. S., Vinub, A. and Lokhandea, C. D. (2011). Stable Nanostructured Polyaniline Electrode For Supercapacitor Application. *Electrochimica Acta, 56*, 9482–9487.

Dikin, D. A., Zimney, E. J., Piner, G. H., Dommett, H. B., Evmenenko, G., Nguyen, S. T. and Ruoff, R. S. (2007). Preparation and Characterization of Graphene Oxide Paper. *Nature, 448*, 457–460.

Ding, D., Lei, Z., Yang, Y., Feng, C. and Zhang, Z. (2014). Selective Removal of Cesium from Aqueous Solutions with Nickel (II) Hexacyanoferrate (III) Functionalized Agricultural Residue–walnut Shell. *Journal of Hazardous Materials, 270*(15), 187-195.

Eda, G., Fanchini, G. and Chhowalla, M. (2008). Large-area Ultrathin Films of Reduced Graphene Oxide as a Transparent and Flexible Electronic Material. *Nature Nanotechnology, 3*(5), 270–274.

El-Kady, M. F., Strong, V., Dubin, S. and Kaner, R. B. (2012). Laser Scribing of High-Performance and Flexible Graphene-Based Electrochemical Capacitors. *Science, 335*, 1326-30.

Engel, D. and Grabner. E. W. (1985). Copper hexacyanoferrate – modified Glassy Carbon: A Novel Type of Potassium-selective Electrode. *Berichte der Bunsengesellschaft für physikalische Chemie, 89*, 982-986.

Esfandiar, A., Akhavan, O. and Irajizad A. (2011). Melatonin as a Powerful Bio-antioxidant for Reduction of Graphene Oxide. *Journal of Materials Chemistry, 21*, 10907–14.

Frank, I. W., Tanenbaum, D. M., Van Der Zanda, A. M., McEuen, P. L. and Vac, J. (2007). Mechanical Properties of Suspended Graphene Sheets. *Journal of Vacuum Science & Technology B, 25*, 2558-2561.

Frackowiak, E. and Beguin, F. (2001). Carbon Materials for the Electrochemical Storage of Energy in Capacitors. *Carbon, 39*, 937-950.

Gao, J., Liu, F., Liu, Y., Ma, N., Wang, Z. and Zhang, X. (2010). Environment-friendly Method to Produce Graphene that Employs Vitamin C and Amino Acid. *Chemistry of Materials, 22*, 2213–2221.

Gilje, S., Han, S., Wang, M., Wang, K. L. and Kaner, R. B. A. (2007). Chemical Route to Graphene for Device Applications. *Nano Letters, 7*, 3394-3398.

Goodhue, R., Hutchison, J., Scardaci, V., Ferrari A.C. and Coleman, J. N. (2008). Liquid-phase Exfoliation of Graphite. *Nature Nanotechnology, 3* (9), 563-571.

Hana, Y., Qinga, X., Yea, S. and Lua, Y. (2010). Conducting Polypyrrole with Nanoscale Hierarchical Structure. *Synthetic Metals, 160*, 1159–1166.

He, X., Lei, J., Geng, Y., Zhang, X., Wu, M. and Zheng, M. (2009). Preparation of Microporous Activated Carbon and Its Electrochemical Performance For Electric Double Layer Capacitor. *Journal of Physics and Chemistry of Solids, 70*, 738–744.

Herren, F., Fischer, P., Ludi, A. and Halg, W. (1980). Neutron Diffraction Study of Prussion Blue, $Fe_4(Fe(CN)_6)3_x.H_2O$. Location of Water Molecules and Long Range Magnetic Order. *Inorganic Chemistry, 19*, 956-959.

Hou, J., Shao, Y., Ellis, M. W., Moored, R. B. and Yie, B. (2011). Graphene-based Electrochemical Energy Conversion and Storage: Fuel Cells, Supercapacitors and Lithium Ion Batteries. *Physical Chemistry Chemical Physics, 13*, 15384–15402.

Hummers Jr, W. S. and Offeman, R. E. (1958). Preparation of Graphitic Oxide. *Journal of The American Chemical Society, 80*, 1339-1339.

Inmesol . (2013). Graphene: Material That Will Change Our World (online). Retrived from http://www.inmesol.com/blog/graphene-material-that-will-change-our-world on 17 April 2013.

Ishfaq, M. M., Karim, H. M. A. and Khan, M. A. (1992). Preparation and Characterization of Potassium Copper Nickel Hexacyanoferrate(II) as an Ion Exchanger for Cesium. Journal of Radioanalytical and Nuclear. *Journal of Radioanalytical and Nuclear Chemistry, 159*(2), 335—342.

Itaya, K., Uchida, I. and Vernon, D. (1986). Electrochemistry of Polynuclear Transition Metal Cyanides: Prussian Blue and Its Analogues. *Account of Chemical Research, 19*, 162-168.

Jain, A. K., Singh, R. P. and Bala, C. (1982). Solid Membranes of Copper Hexacyanoferrate(III) as thallium(I)- sensitive Electrode. *Analytical Letters, 15*, 1557-1563.

Jain, A. K., Singh, R. P. and Bala, C. (1985). Studies on a Araldite-based Membrane of Copper Hexacyanoferate III as a caesium-ion-sensitive Electrode. *Journal of Chemical Technology and Biotechnology, 34*(A), 363-366.

Jayasena, B. and Subbiah, S. (2011). A Novel Mechanical Cleavage Method for Synthesizing Few-layer Graphenes. *Nanoscale Research Letters, 6*, 95-102.

Jincheng, L., Huiseong, J., Lee, L., Park, K., Ahn, J. Y. and Soonil, L. Y. (2010). Reduction of Functionalized Graphite Oxides by Trioctylphosphine in Non-polar Organic Solvents. *Carbon, 48*, 2282-2289.

Kamat, P.V. (2010). Graphene based nanoarchitectures: Anchoring Semiconductor and Metal Nanoparticles on a 2-dimensional Carbon Support. *Journal of Physical Chemical Letters, 1*, 520–527.

Karnjanakoma, S., Ma, Y., Guana, G., Phanthong, P., Hao, X., Du, X., Samart, C., and Abudula, A. (2014). Fabrication of Nickel Hexacyanoferrate Film on Carbon Fibers by Unipolar Pulse Electrodeposition Method for Electrochemically Switched Ion Exchange Application. *Electrochimica Acta, 139*, 36–41.

Karyakin, A. A., Gitelmacher, O. V. and Karyakina, E. E. (1994). A High Sensitive Glucose Amperometric Biosensor-based on Prussion Blue Modified Electrodes. *Analytical Letters, 27*, 2861-2869.

Kim, F., Luo, J. Y., Cruz-Silva, R., Cote, L. J., Sohn, K. and Huang, J. X. (2010). Self-Propagating Domino-like Reactions in Oxidized Graphite. *Advanced Functional Materials, 20*(17), 2867-2873.

Kulesza, P. J., Malik, M. A., Berrettoni, M., Giorgetti, M. and Zamponi, S. (1998). Electrochemical Charging, Countercation Accommodation, and Spectrochemical Identity Of Microcrystalline Solid Cobalt Hexacyanoferrate. *Journal of Physical Chemistry B, 102*, 1870-1876.

Kumar, G., Christy, M., Jang, H. and Nahm, K. S. (2015). Cobaltite Oxide Nanosheets Anchored Graphene Nanocomposite as an Efficient Oxygen Reduction Reaction (ORR) Catalyst for the application of Lithium-air Batteries. *Journal of Power Sources, 288*, 451-460.

Kuzmenko, A. B., Van Heumen, E., Carbone, F. and Van Der Marel, D. (2008). Universal Infrared Conductance of Graphite. *Physical Review Letters*, 100, 117401-4.

Lalwani, G., Henslee, A. M., Farshid, B., Lin, L., Kasper, F. K., Qin, Y. X., Mikos, A. G. and Sitharaman, B. (2013). Two-dimensional Nanostructure-reinforced Biodegradable Polymeric Nanocomposites for Bone Tissue Engineering. *Biomacromolecules, 14*(3), 900-909.

Lee, H., Kim, Y. I., Park, J. K. and Choi, J. W. (2012). Sodium Zinc Hexacyanoferrate with a Well-defined Open Framework as a Positive Electrode for Sodium Ion Batteries. *Chemical Communications, 48*(67), 8416–8418.

Lerf, A., He, H. Y., Forster, M. and Klinowski, J. (1998). Structure of Graphite Oxide Revisited. *Journal of Physical Chemistry B, 102*, 4477-4482.

Li, D. (2008). Processable Aqueous Dispersions of Graphene Nanosheets. *Nature Nanotechnology*, *3*(2), 101–105.

Li J., Guo S. J., Zhai Y. M. and Wang E. K. (2009). High-sensitivity Determination of Lead and Cadmium based on the Nafion-graphene Composite Film. *Analytica Chimica Acta, 649*, 196–201.

Li, J., Xiao, G., Chen, C., Li, R. and Yan, D. (2010). Superior Dispersions of Reduced Graphene Oxide Synthesized by Using Gallic Acid as a Reductant and Stabilizer. *Journal Materials Chemistry A, 1*, 1481–1488.

Li, S., Niu, Z., Zhong, X., Yang, H., Lei, Y., Zhang, F., Hu, W., Dong, Z., Jin, J. and Ma, J. (2012). Fabrication of Magnetic Ni Nanoparticles Functionalized Water-soluble Graphene Sheets Nanocomposites as Sorbent for Aromatic Compounds Removal. *Journal of Hazardous Materials, 229–230*, 42–47.

Lifang, F., Guohua, Z., Huijie, S. and Meichun, L. (2015). A simple and label-free aptasensor based on nickel hexacyanoferrate nanoparticles as signal probe for highly sensitive detection of 17β-estradiol. *Biosensors and Bioelectronics, 68*, 303–309.

Lin, Z. Y., Li, Z., Moon, K. S., Fang, Y. N., Yao, Y. G., Li, L.Y. and Wong, C. P. (2013). Robust Vertically Aligned Carbon Nanotube-carbon Fiber Paper Hybrid as Versatile Electrodes for Supercapacitors and Capacitive Deionization. *Carbon, 63*, 547-553.

Lin, Z. Y., Waller, G., Liu, Y., Liu, M. and Wong, C. P. (2013). Simple Preparation of Nanoporous Few-layer Nitrogen-doped Graphene for use as an Efficient Electrocatalyst for Oxygen Reduction and Oxygen Evolution Reactions. *Carbon, 53*, 130–136.

Lin, Z. Y., Liu, Y., Yao, Y. G., Hildreth, O. J., Li, Z., Moon, K. and Wong, C. P. (2011). Superior Capacitance of Functionalized Graphene. *Journal of Physical Chemistry C, 115*, 7120-7125.

Liu, Z., Robinson, J. T., Sun, X. M. and Dai, H. J. (2008). Pegylated Nanographene Oxide for Delivery of Water-insoluble Cancer Drugs. *Journal of the American Chemical Society, 130*, 10876–10877.

Liu, C., Yu, Z., Neff, D., Zhamu, A. and Jang, D. Z. (2010). Graphene-Based Supercapacitor with an Ultrahigh Energy Density. *Nano Letters, 10*, 4863–4868.

Liu, S., Liu, X., Li, Z., Yang, S. and Wang, J. (2011). Fabrication of free-standing Graphene/polyaniline Nanofibers Composite Paper via Electrostatic Adsorption for Electrochemical Supercapacitors. *New Journal of Chemistry, 35*, 369–374.

Liu, X., Zheng, M., Xiao, K., Xiao, Y., He, C., Dong, H., Lei, B. and Liu, Y. (2014). Simple, Green And High-yield Production of Single- or Few-layer Graphene by Hydrothermal Exfoliation of Graphite. *Nanoscale, 6*, 4598-4603.

Loanda, R. C., Urquisa, O. B., Daniela, R. S. and Devaney, R. C. (2012). Preparation and Voltammetric Study of a Composite Titanium Phosphate/Nickel Hexacyanoferrate and Its Application in Dipyrone Determination. *International Journal of Chemistry, 4*(2), 66-78.

Lowa, W. and Boonamnuayvitaya, V. (2013). Enhancing the Photocatalytic Activity of TiO2 Co-Doping of Graphene Fe_3 Ions For Formaldehyde Removal. *Journal of Environmental Management, 127*, 142-149.

Matyba, P. and Yamaguchi, H. (2010). Graphene and Mobile Ions: The Key to All-Plastic, Solution-Processed Light-Emitting Devices. *ACS Nano, 4*(2), 637–42.

Mei, J., Zhang, L. and Niu, Y. (2015). Fabrication of The Magnetic Manganese dioxide/Graphene Nanocomposite and its Application in Dye Removal from the Aqueous Solution at Room Temperature. *Materials Research Bulletin, 70*, 82–86.

Ming, L., Xiaobo, Y., Ulin-Avila, E., Geng, B., Zentgraf, T., Ju, L., Wang, F. and Zhang, X. (2011). A Graphene-based Broadband Optical Modulator. *Nature, 474*(7349), 64–67.

Mohanty, N. and Berry, V. (2008). Graphene-based Single-bacterium Resolution Biodevice and DNA Transistor: Interfacing Graphene Derivatives with Nanoscale and Microscale Biocomponents. *Nano Letters, 8*, 4469–4476.

Morozov, S. V., Novoselov, K. S., Katsnelson, M. I., Schedin, F., Elias, D. C., Jaszczak, J. A. and Geim, A. K. (2008). Giant Intrinsic Carrier Mobilities in Graphene and its Bilayer. *Physical Review Letters, 100*, 016602-016606.

Mostafa, M., El-Absy, M. A., Amin, M., El-Amir, M. A. and Farag, A. B. (2010). Partial Purification of Neutron-activation 99Mo from Cross-contaminant Radionuclides onto Potassium Nickel Hexacyanoferrate (II) column. *Journal of Radioanalytical and Nuclear Chemistry, 285*, 579-588.

Nishino, A. (1996). Capacitors: Operating Principles, Current Market and Technical Trends. *Journal of Power Resources, 60*, 137-147.

Ng, E. P. and Mintova, S. (2011). Quantitative Moisture Measurements in Lubricating Oils by FTIR Spectroscopy Combined with Solvent Extraction Approach. *Microchemical Journal, 98*, 177–185.

Norma R. T. and Krishnan, R. (2003). Metal Hexacyanoferrates: ElectroSynthesis, in Situ Characterization, and Applications. *Chemistry of Materials, 15*, 3046-3062.

Novoselov, K. S. (2011). Graphene: The Magic of Flat Carbon. *The Electrochemical Society Interface,* 45-46.

Novoselov, K. S., Geim, A. K., Morozov, S. V., Jiang, D., Zhang, Y., Dubonos, S. V., Grigorieva, I. V. and Firsov, A. A. (2004). Electric Field Effect in Atomically Thin Carbon Films. *Science, 306*, 666-669.

Oleg V. P., Prashant V. K. and George C. S. (2011). Virtual Issue: Graphene and Functionalized Graphene. *Journal of Physical Chemistry C, 115*, 3195–3197.

Patake, V. D., Pawar, S. M., Shinde, V. R., Gujar, T. P. and Lokhande, C. D. (2010). The Growth Mechanism and Supercapacitor Study of Anodically Deposited Amorphous Ruthenium Oxide Films. *Current Applied Physics, 10*, 99–103.

Patterson, A., (1939). The Scherrer Formula For X–Ray Particle Size Determination. *Physical Review, 56*(10), 978–982.

Pham, T. A., Kim, J. S., Kim, J. S. and Jeong, Y. T. (2011). One-step Reduction of Graphene Oxide with L-glutathione. *Colloids Surface A, 384*, 543–551.

Peng, Z., Lulu, M., Feifei, F., Zhi, Z., Cheng, P., Philip, E. L., Zheng, L., Yongji, G., Jiangnan, Z., Xingxiang, Z., Pulickel, M, A., Ting, Z., and Jun, L. (2014). Fracture Tougness of Graphene. *Nature Communications, 5*(3782), 1-7.

Ponomarenko, L. A., Schedin, F., Katsnelson, M. I., Yang, R., Hill, E. W., Novoselov, K. S. and Geim, A. K. (2008). Chaotic Dirac Billiard in Graphene Quantum Dots. *Science, 320*(5874), 356–364.

Qiu, D., Bu, G., Zhao, B., Lin, Z., Pu, L., Pan, L. and Shi, Y. (2015). In Situ Growth of Mesoporous NiO Nanoplates on a Graphene Matrix as Cathode Catalysts for Rechargeable Lithium–air Batteries. *Materials Letters, 141*, 43–46.

Reina, A., Jia, X., Ho, J., Nezich, D., Son, H., Bulovic, V., Dresselhaus, M. S. and Kong, J. (2009). Large Area, Few-Layer Graphene Films on Arbitrary Substrates by Chemical Vapor Deposition. *Nano Letters, 9*, 30–35.

Rightmire R. A. November (1966). Electrical Energy Storage Apparatus. US Patent 3288641, 29.

Roberts, M. W., Clemons, C. B., Wilber, J. P., Young, G. W., Buldum, A. and Quinn, D. D. (2010). Continuum Plate Theory and Atomistic Modeling to Find The Flexural Rigidity of a Graphene Sheet Interacting with a Substrate. *Journal of Nanotechnology,* 868492, 1-8.

Rodriguez-Hernández, J., Reguera, E., Lima, E., Balmaseda, J. and Martinez-García, R. (2007). An a Typical Coordination in Hexacyanometallates: Structure and Properties of Hexagonal Zinc Phases. *Journal of Physics and Chemistry of Solids, 68*, 1630-1642.

Rummeli, M. H., Bachmatiuk, A., Scott, A., Borrnert, F., Warner, J. H., Hoffman, V., Lin, J. H., Cuniberti, G. and Buchner, B. (2010). Direct Low-Temperature Nanographene CVD Synthesis over a Dielectric Insulator. *ACS Nano, 4*, 4206-4210.

Salas, E. C., Sun, Z., Lüttge, A. and Tour, J. M. (2010). Reduction of Graphene Oxide via Bacterial Respiration. *ACS Nano, 4*, 4852–4858.

Salimi, A. and Abdi, K. (2004). Enhancement of the Analytical Properties and Catalytic Activity of a Nickel Hexacyanoferrate Modified Carbon Ceramic Electrode Prepared by Two-step Sol–gel Technique: Application to Amperometric Detection of Hydrazine and Hydroxyl Amine. *Talanta, 63*(2), 475-483.

Schniepp, H. C., Li, J. L., McAllister, M. J., Sai, H., Herrera-Alonso, M., Adamson, D. H., Prud'homme, R. K., Car, R., Saville, D. A. and Aksay, I. A. (2006). Functionalized Single Graphene Sheets Derived from Splitting Graphite Oxide. *Journal of Physical Chemistry B, 110*, 8535–8539.

Schedin, F., Geim, A. K., Morozov, S. V., Hill, E. W., Blake, P., Katsnelson, M. I. and Novoselov, K. S. (2007). Detection of Individual Gas Molecules Adsorbed on Graphene. *Nature Materials,* 6(9), 652–655.

Shan, C. S., Yang, H. F., Song, J. F., Han, D. X., Ivaska, A. and Niu, L. (2009). Direct Electrochemistry of Glucose Oxidase and Biosensing for Glucose Based on Graphene. *Analytical Chemistry, 81*, 2378–2382.

Shankaran, D. R. and Narayanan, S. S. (1999). Evaluation of a Mechanical Immobalized Nickel Hexacyanoferrate Electrode as an Amperometric Sensor for Thiosulfate Determination. *Fresenius' Journal Analytical Chemistry, 365*, 663-665.

Sheshmani, S. and Fashapoyeh, M. A. (2013). Suitable Chemical Methods for Preparation of Graphene Oxide, Graphene and Surface Functionalized Graphene Nanosheets. *Acta Chimica Slovenica, 60*, 813–825.

Shukla, A.K. Sampath, S., Vijayamohanan, K. (2000). Electrochemical supercapacitors: Energy storage beyond batteries. *Current Science, 79*(12), 1656–1661.

Si, Y. and Samulski, E. T. (2008). Exfoliated Graphene Separated by Platinum Nanoparticles. *Chemistry of Materials, 20*, 6792-6797.

Singh, V., Joung, D., Zhai, L., Das, S., Khondaker, S. I. and Seal, S. (2011). Graphene Based Materials: Past, Present and Future. *Progress in Materials Science, 56*, 1178–1271.

Sinha, S., Humphrey, B. D., Fu, E. and Bocarsly, A. B. (1984). The Coordination Chemistry of Chemically Derivatized Nickel Surfaces: Generation of an Electrochromic Interface. *Journal of Electroanalytical Chemistry, 162*(1-2), 351-357.

Siperko, L. M. and Kuwana, T. (1983). Electrochemical and Spectroscopic Studies of Metal Hexacyanometalate Films. *Journal of The Electrochemical Society, 130*, 396-402.

Somani P. R., Somani S. P. and Umeno M. (2006). Planer Nano-Graphenes from Camphor by CVD. *Chemical Physical Letters, 430*, 56-59.

Sparnaay, M. J. (1972). *The Electrical Double Layer*, Pergamon Press, Oxford .

Stankovich, S., Dikin, D. A., Piner, R. D., Kohlhaas, K A., Kleinhammes, A., Jia, Y., Wu, Y., Nguyen, S. T. and Ruoff, R. S. (2007). Synthesis of Graphene-based Nanosheets via Chemical Reduction of Exfoliated Graphite Oxide. *Carbon, 45*, 1558-1565.

Stoller, M. D., Park, S. J., Zhu, Y. W., An J. H. and Ruoff, R. S. (2008). Graphene-based Ultracapacitors. *Nano Letters, 8*, 3498–3502.

Sun, X. M, Liu, Z. and Welsher, K. (2008). Nano-Graphene Oxide for Cellular Imaging and Drug Delivery. *Nano Resources, 1*, 203–212.

Tacconi, R. N., Rajeshwar, K. and Lezna, R. O. (2000). Preparation Photoelectrochemical Characterization and Photoelectrochomic Behaviour of Metal Hexacyanoferrate-titanium Dioxide Composite Films. *Electrochima Acta, 45*, 3403-3414.

Tenne, R. and Redlich, M. (2010). Recent Progress in The Research of Inorganic Fullerene-like Nanoparticles and Inorganic Nanotubes. *Chemical Society Reviews*, 39, 1423-1434.

Tiwari, A. and Uzun, L. (2015). *Advanced Functional Materials*. John Wiley & Sons, Technology & Engineering.

Tonga, X., Wanga, H., Wanga, G., Wan, L., Ren, Z. and Bai, J. (2011). Controllable Synthesis of Graphene Sheets with Different Numbers of Layers and Effect of the Number of Graphene Layers on The Specific Capacity of Anode Material in Lithium-ion Batteries. *Journal of Solid State Chemistry, 184*, 982–989.

Unarunotai, S., Koepke, J.C., Tsai, C. L., Du, F., Chialvo, C.E., Murata, Y., Haasch, R., Petrov, I., Mason, Shim, N.M., Lyding, J. and Rogers, J. A. (2010). Layer-by-Layer Transfer of Multiple, Large Area Sheets of Graphene Grown in Multilayer Stacks on a Single SiC Wafer. *ACS Nano, 4*, 5591–5598.

Venkat Srinivasan. (2011). The Three Laws of Batteries (and a Bonus Zeroth Law) (online). Retrived from https://gigaom.com/2011/03/18/the-three-laws-of-batteries-and-a-bonuszeroth-law/ on 18 Mar 2011.

Wang, G., Qian, F., Saltikov, C., Jiao, Y. and Li, Y. (2011). Microbial Reduction of Graphene Oxide by Shewanella. *Nano Resources, 4*, 563–630.

Wang, H., Robinson, J.T., Diankov, G., Dai, H. (2010). Nanocrystal growth on graphene with various degrees of oxidation. *Journal of the American Chemical Society. 132*, 3270–3271.

Wang, L., Ye, Y., Lu, X., Wen, Z., Li, Z., Hou, H. and Song, Y. (2013). Hierarchical Nanocomposites of Polyaniline Nanowire Arrays on Reduced Graphene Oxide Sheets for supercapacitors. *Scientific Reports*, 3, 3568–3577.

Wang, P., Zhao Y. J., Wen, L. X., Chen, J. F. and Lei, Z. G. (2014). UltrAsound–Microwave-Assisted Synthesis of MnO2 Supercapacitor Electrode Materials. *Industrial & Engineering Chemistry Resources, 53*, 20116–20123.

Wang, X. Zhi, L. and Müllen, Klaus. (2007). Transparent, Conductive Graphene Electrodes for Dye-Sensitized Solar Cells. *Nano Letters, 8*(1), 323–330.

Wang, Y., Zhiqiang, Shi, Z., Huang, Y., Ma, Y., Wang, C., Chen, M. and Chen, Y. (2009). Supercapacitor Devices Based on Graphene Materials. *Journal Physical Chemical C, 113*, 13103-13107.

Wang, Y., Zhang, P., Liu, C. F. and Huang, C. Z. (2013). A Facile and Green Method to Fabricate Graphene-based Multifunctional Hydrogels for Miniature-scale Water Purification. *RSC Advances, 3*, 9240-9246.

Wang, R. Y., Wessells, C. D., Huggins, R. A. and Cui, Y. (2013). Highly Reversible Open Framework Nanoscale Electrodes for Divalent Ion Batteries. *Nano Letters, 13*(11), 5748–5752.

Wessells, C. D., Sandeep, V., Peddada, Huggins, R. A. and Cui, Y. (2011). Nickel Hexacyanoferrate Nanoparticle Electrodes for Aqueous Sodium and Potassium Ion Batteries. *Nano Letters, 11*, 5421–5425.

Wessells, C. D., Peddada, S. V., McDowell, M. T., Huggins, R. A. and Cuia, Y. (2012). The Effect of Insertion Species on Nanostructured Open Framework Hexacyanoferrate Battery Electrodes. *Journal of The Electrochemical Society, 159*(2), 98-103.

West, A. R. (1999). *Basic Solid State Chemistry*. Wiley: Chichester, Chapter 1: 25.

Wu, J. B., Agrawal, M., Becerril, H. A., Zhenan, B., Liu, Z., Chen, Y. and Peumans, P. (2010). Organic Light-Emitting Diodes on Solution-Processed Graphene Transparent Electrodes. *ACS Nano, 4*, 43–48.

Wu, Y., Pfennig, B. W., Bocarsly, A. B. and Vicenzi, E. P. (1995). Development of Redox-Active Optical Mesostructures at Chemically Modified Electrode Interfaces. *Inorganic Chemistry, 34*(16), 4262-4267.

Xia, Y., Yang, Z. and Mokaya, R. (2004). Mesostructured Hollow Spheres of Graphitic N-Doped Carbon Nanocast from Spherical Mesoporous Silica. *Journal of Physical Chemistry B, 108*, 19293-19298.

Xiao, X., Liu, P., Wang, J. S., Verbrugge, M, W., Michael P. and Balogh, M. P. (2011). Vertically Aligned Graphene Electrode for Lithium Ion Battery with High Rate Capability. *Electrochemistry Communications, 13*, 209–212.

Yana, J., Weia, T., Qiao, W., Shao, B., Zhao, Q., Zhang, L. and Fana, Z. (2010). Rapid Microwave-Assisted Synthesis of Graphene Nanosheet/Co_3O_4 Composite for Supercapacitors. *Electrochimica Acta, 55*(23), 6973–6978.

Yan, W., Yingpeng, W., Yi H., Fan, Z., Xi, Y., Yanfeng, M. and Yongsheng, C. (2011). Preventing Graphene Sheets from Restacking for High-Capacitance Performance. *Journal of Physical Chemistry C, 115*, 23192–23197.

Yang, M., Jiang, J., Lu, Y., He, Y., Shen, G. and Yu, R. (2007). Functional Histidine/nickel hexacyanoferrate Nanotube Assembly for Biosensor Applications. *Biomaterials, 28*, 3408–3417.

Yang, Z. Z., Zheng, Q. B., Qiu, H. X., Li, J. and Yang, J. H. (2015). A Simple Method for the Reduction of Graphene Oxide by Sodium Borohydride with $CaCl_2$ as a Catalyst. *New Carbon Materials, 30*, 41–47.

Yang, X. Y., Zhang, X. Y., Liu, Z. F., Ma, Y. F., Huang, Y. and Chen, Y. (2008). High-efficiency Loading and Controlled Release of Doxorubicin Hydrochloride on Graphene Oxide. *Journal of Physical Chemical C, 112*, 17554–17558.

Yang, X. Y., Wang, Y. S. and Huang, X. (2011). Multi-functionalized Graphene Oxide Based Anticancer Drug-carrier with Dual-targeting Function and pH-sensitivity. *Journal of Materials Chemistry, 21*, 3448-3454.

Yang, K., Zhang, S., Zhang, G. X., Sun, X. M., Lee, S. T. and Liu, Z. (2010). Graphene in Mice: Ultrahigh in Vivo Tumor Uptake and Efficient PhotoThermal Therapy. *Nano Letters, 10*, 3318–3323.

Yanwu, Z., Shanthi, M., Weiwei, C., Xuesong, L., Ji, W. S., Jeffrey, R. P. and Rodney, S. R. (2010). Graphene and Graphene Oxide: Synthesis, Properties, and Applications. *Advance Material, 22*(35), 3906-3924.

Yu, B., Zhang, X., Xie, J., Wu, R., Liu, R. X., Li, H., Chen, F., Yang, H., Ming, Z. and Sheng-Tao Yang, S-T. (2015). Magnetic Graphene Sponge for the Removal of Methylene Blue. *Applied Surface Science, 351*, 765–771.

Yu, W., Xiaohong, C., Yulin, Z., Furong, Z. and Kian Ping, L. (2009). Large Area, Continuous, Few-layered Graphene as Anodes in Organic Photovoltaic Devices. *Applied Physics Letters, 95*(6), 063302-3.

Zamponi, S., Berrettoni, M., Kulesza, P. J., Miecznikowski, K., Malik, M. A., O. Makowski, O. and Marassi, R. (2003). Influence of Experimental Conditions on Electrochemical Behavior of Prussian Blue Type Nickel Hexacyanoferrate Film. *Electrochimica Acta, 48*, 4261–4269.

Zhang, P., Ma, L., Fan, F., Zeng, Z., Peng, C., Loya, P. E., Liu, Z., Gong, Y., Zhang, J., Zhang, X., Ajayan, P. M., Zhu, T. and Lou, J. (2014). Fracture Toughness of Graphene. *Nature Communications*, *5*, 3782-7.

Zhang, J., Yang, H., Shen, G., Cheng, P., Zhang, J. and Guo, S. (2010). Reduction of Graphene Oxide via Lascorbic Acid. *Chemical Communications*, *46*, 1112-1116.

Zhang, L. M., Xia, J. G., Zhao, Q. H., Liu, L. W. and Zhang, Z. J. (2010). Functional Graphene Oxide as a Nanocarrier for Controlled Loading and Targeted Delivery of Mixed Anticancer Drugs. *Small, 6*, 537–544.

Zhou, D. M., Ju, H. X. and Chen, H. Y. (1996). Catalytic Oxidation of Dopamine at a Microdise Platinum Electrode-modified by Electroposition of Nickel Hexacyanoferrate and Nafion. *Journal of Electroanaytical Chemistry*, *408*, 219-223.

Zhou, W. Y., Wang, S. F., Wang, Z. P. and Jiang, M. (1993). Electrocatalytic Oxidation of Thiosulfate on a Modified Nickel Hexacyanoferrate Film Electrode. *Fresenius' Journal of Analytical Chemistry*, *345*, 424-427.

Zhu, C., Guo, S., Fang, Y. and Dong, S. (2010). Reducing Sugar: New Functional Molecules for the Green Synthesis of Graphene Nanosheets. *ACS Nano, 4*, 2429–2436.

Ziyin, L, Yan, Liu., Yagang, Yao., Owen J. H., Zhuo, Li., Kyoungsik, Moon., Joshua C. A. and Chingping, W. (2011). Surface Engineering of Graphene for High Performance Supercapacitors. *Electronic Components and Technology Conference*, pp 236–241.