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Nota di contenuto	""IODINE CHARACTERISTICS, SOURCES AND HEALTH IMPLICATIONS ""; ""IODINE CHARACTERISTICS, SOURCES AND HEALTH IMPLICATIONS ""; ""Contents ""; ""Preface ""; ""Iodine during Pregnancy and Lactation: Supplementation Versus Exposure ""; ""Iodine Metabolism During Pregnancy ""; ""Transplacental Passage of Iodine""; ""Iodine Requirements During Pregnancy""; ""Mechanisms of Adaptation to Iodine Deficiency ""; ""Maternal Repercussions of Iodine Deficiency ""; ""The Concept of Overstimulation of the Thyroid ""; ""Gestational Goitrogenesis""; ""Maternal Hypothyroxinemia "" ""Autoimmune Thyroid Disorders and Pregnancy """"Epidemiology of Iodine Deficiency During Pregnancy""; ""Exposure to Iodized Agents""; ""References ""; ""Semiconductor-Photocatalyzed Iodine Generation""; ""Abstract ""; ""1. Introduction ""; ""2. Semiconductor-Photocatalysis""; ""3. Mechanism of Iodine Generation ""; ""4. Semiconductor Nanocrystals in Aqueous Suspension as Photocatalysts""; ""5. Particulate Semiconductors in Aqueous Alcoholic Suspension as Photocatalysts""; ""6. Iodine Generation with Sunlight ""; ""7. Immobilized Semiconductor Powders as Photocatalyst"" ""8. TiO2 Film as Photocatalyst""""9. Dye-Sensitized TiO2 as

Photocatalyst ""; ""10. Ag-TiO<sub>2</sub> as Photocatalyst ""; ""11. Pt-TiO<sub>2</sub> as Photocatalyst ""; ""12. Layered Metal Oxide Semiconductor as Photocatalyst ""; ""13. Solar Photoelectrocatalysis ""; ""14. Enhanced Solar Photoelectrocatalysis by Semiconductor Mixtures ""; ""Conclusion ""; ""References ""; ""Iodine, Iodine Transporters and Thyroid Cancer ""; ""Abstract ""; ""Abbreviations ""; ""1. Introduction ""; ""2. Iodine and Thyroid Cancer""; ""2.1. Thyroid Cancer ""; ""2.2. Iodine in Thyroid Cancer Initiation and Progression"" ""2.3. Iodine in Thyroid Cell Proliferation and Apoptosis """"3. Iodine Transporters and Thyroid Cancer""; ""3.1. Iodine Transporter Expression in Thyroid Cancer""; ""Sodium Iodide Transporter ""; ""Pendrin and Apical Iodide Transporter ""; ""3.2. Iodine Regulated Iodine Transporters in Thyroid Cancer ""; ""4. Iodine and Iodine Transporters Correlated Genetic Alterations in Thyroid Cancer""; ""4.1. Iodine Correlated Genetic Alterations in Thyroid Cancer""; ""4.2. Iodine Transporters Correlated Genetic Alterations in Thyroid Cancer ""; ""Conclusion ""; ""References "" ""Thyroid Follicular Cell Carcinoma and Thyroiditis in Relation to Iodine Intake """"Abstract ""; ""Introduction ""; ""General Features of Thyroid Cancer and Autoimmune Thyroiditis""; ""Thyroid Carcinoma and Thyroiditis in Salta, Argentina ""; ""Materials and Methods""; ""Thyroid Carcinoma ""; ""Thyroiditis ""; ""General Discussion with Review of the Literature ""; ""Papillary and Follicular Carcinoma ""; ""Undifferentiated (Anaplastic) Carcinoma ""; ""Thyroiditis in Iodine-Deficient and Sufficient Regions ""; ""Thyroiditis and Thyroid Carcinoma ""; ""Conclusion ""; ""References "" ""Optical Plasma Characteristics and Kinetics of Processes in the Longitudinal Glow Discharge in Mixtures of Helium and Iodine Vapours ""

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