

# Lizbet LeÃ“n FÃ“lix

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

661  
citations

1040056

9  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1333  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Starch adsorption on hematite surfaces: Evidence of the adsorption mechanism dependence on the surface orientation. <i>Minerals Engineering</i> , 2022, 178, 107429.  | 4.3 | 6         |
| 2  | Synthesis and characterization of $\text{Fe}_2\text{O}_3$ nanoparticles showing potential applications for sensing quaternary ammonium vapor at room temperature. <i>Nanotechnology</i> , 2022, 33, 335704.           | 2.6 | 4         |
| 3  | Simple synthesis of gold-decorated silica nanoparticles by in situ precipitation method with new plasmonic properties. <i>SN Applied Sciences</i> , 2021, 3, 1.   | 2.9 | 9         |
| 4  | Study of the surface properties and particle-particle interactions in oleic acid-coated $\text{Fe}_3\text{O}_4$ nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 525, 167686.                | 2.3 | 31        |
| 5  | One-step synthesis of polyethyleneimine-coated magnetite nanoparticles and their structural, magnetic and power absorption study. <i>RSC Advances</i> , 2020, 10, 41807-41815.  | 3.6 | 8         |
| 6  | Characterization and magnetic properties of hollow $\text{Fe}_2\text{O}_3$ microspheres obtained by sol gel and spray roasting methods. <i>Journal of Science: Advanced Materials and Devices</i> , 2019, 4, 483-491. | 3.1 | 14        |
| 7  | Gold-decorated magnetic nanoparticles design for hyperthermia applications and as a potential platform for their surface-functionalization. <i>Scientific Reports</i> , 2019, 9, 4185.                                | 3.3 | 71        |
| 8  | Evidence of surface spin-glass behavior in $\text{NiFe}_2\text{O}_4$ nanoparticles determined using magnetic resonance technique. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 476, 392-397.            | 2.3 | 14        |
| 9  | Structural and magnetic properties of core-shell $\text{Au/Fe}_3\text{O}_4$ nanoparticles. <i>Scientific Reports</i> , 2017, 7, 41732.  | 3.3 | 59        |
| 10 | Characterization of copper microelectrodes, following a homemade lithography, technique, and gold electroless deposition. <i>Revista Materia</i> , 2016, 21, 252-259.   | 0.2 | 4         |
| 11 | Preparation and crystallization of hollow $\text{Fe}_2\text{O}_3$ microspheres following the gas-bubble template method. <i>Materials Chemistry and Physics</i> , 2016, 169, 21-27.                                   | 4.0 | 14        |
| 12 | Structural and Magnetic Properties of Monophasic Maghemite ( $\text{Fe}_2\text{O}_3$ ) Nanocrystalline Powder. <i>Advances in Nanoparticles</i> , 2014, 03, 114-121.  | 3.8 | 6         |
| 13 | Epitaxial Growth of $\text{YBa}_2\text{Cu}_3\text{O}_7$ Films onto $\text{LaAlO}_3$ (100) by Using Oxalates. <i>Physics Procedia</i> , 2012, 36, 526-531.   | 1.2 | 3         |
| 14 | The Structure of Graphite Oxide: Investigation of Its Surface Chemical Groups. <i>Journal of Physical Chemistry B</i> , 2010, 114, 5723-5728.   | 2.6 | 339       |
| 15 | Controlled electroplating and electromigration in nickel electrodes for nanogap formation. <i>Nanotechnology</i> , 2010, 21, 445304.  | 2.6 | 26        |