

# Hesham El-Sayed

## List of Publications by Year in descending order

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17  
papers

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times ranked

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citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Physical and magnetic properties for two types of connectivity of NiFe <sub>2</sub> O <sub>4</sub> /PbZr <sub>0.52</sub> Ti <sub>0.48</sub> O <sub>3</sub> (NFO/PZT) composite. Applied Physics A: Materials Science and Processing, 2021, 127, 1. | 2.3 | 2         |
| 2  | Optimization and Characterization of Modified Cold Grid Cathode Penning Ion Source. Plasma Chemistry and Plasma Processing, 2021, 41, 1535-1546.   | 2.4 | 4         |
| 3  | Magnetic Properties and SAR for Gadolinium-Doped Iron Oxide Nanoparticles Prepared by Hydrothermal Method. Crystals, 2021, 11, 1153.   | 2.2 | 14        |
| 4  | Metal dichalcogenide nanomeshes: structural, electronic and magnetic properties. Physical Chemistry Chemical Physics, 2021, 23, 21183-21195.   | 2.8 | 10        |
| 5  | Structural, magnetic properties, and induction heating behavior studies of cobalt ferrite nanopowders synthesized using modified co-precipitation method. Particulate Science and Technology, 2018, 36, 172-177.                                   | 2.1 | 12        |
| 6  | Improvement of the magnetic properties of Li <sup>+</sup> Zn ferrite by Bi <sup>3+</sup> substitution. Journal of Materials Science: Materials in Electronics, 2016, 27, 4866-4870.  | 2.2 | 4         |
| 7  | Photo-induced magnetoresistance of nanocrystalline ZnO thin film. Indian Journal of Physics, 2015, 89, 1273-1276.  | 1.8 | 0         |
| 8  | Enhancement of the magnetic and dielectric properties of cobalt nanoferrite/polymethyl methacrylate composites. Journal of Materials Science: Materials in Electronics, 2015, 26, 3163-3167.   | 2.2 | 5         |
| 9  | Controlling the composition and the magnetic properties of hexagonal Co <sub>2</sub> Z ferrite powders synthesized using two different methods. Applied Physics A: Materials Science and Processing, 2013, 112, 963-973.                           | 2.3 | 21        |
| 10 | Magnetic properties of La <sup>3+</sup> -ion-doped polycrystalline Z-type hexaferrite powders synthesized via the co-precipitation method. Journal of the Korean Physical Society, 2013, 63, 821-825.  | 0.7 | 10        |
| 11 | Magnetic and dielectric properties of polycrystalline La doped barium Z-type hexaferrite for hyper-frequency applications. Journal of Materials Science: Materials in Electronics, 2013, 24, 282-289.  | 2.2 | 36        |
| 12 | Study of the electrical properties of calcium <sup>2+</sup> -substituted Li <sup>+</sup> Zn ferrite. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 2716-2721.   | 1.8 | 12        |
| 13 | Study of the dc resistivity and thermoelectric power in Mn-substituted Ni <sup>2+</sup> Zn ferrites. Journal of Materials Science, 2007, 42, 149-155.  | 3.7 | 20        |
| 14 | Effect of Manganese Substitution on the Magnetic Properties of Nickel-Zinc Ferrite. Journal of Materials Engineering and Performance, 2005, 14, 99-103.  | 2.5 | 51        |
| 15 | The effect of Al-substitution on structure and electrical properties of Mn-Ni-Zn ferrites. Journal of Materials Science, 2005, 40, 4873-4879.  | 3.7 | 34        |
| 16 | The influence of Nd oxide substitution on magnetic and electrical properties of Cu <sup>2+</sup> Zn ferrite. Physica Status Solidi A, 2003, 200, 401-406.  | 1.7 | 12        |
| 17 | Transport properties of trivalent substituted Li-ferrites. Journal of Materials Science, 2001, 36, 4703-4706.  | 3.7 | 15        |