

Journal of  
**NanoScience**  
in Advanced Materials

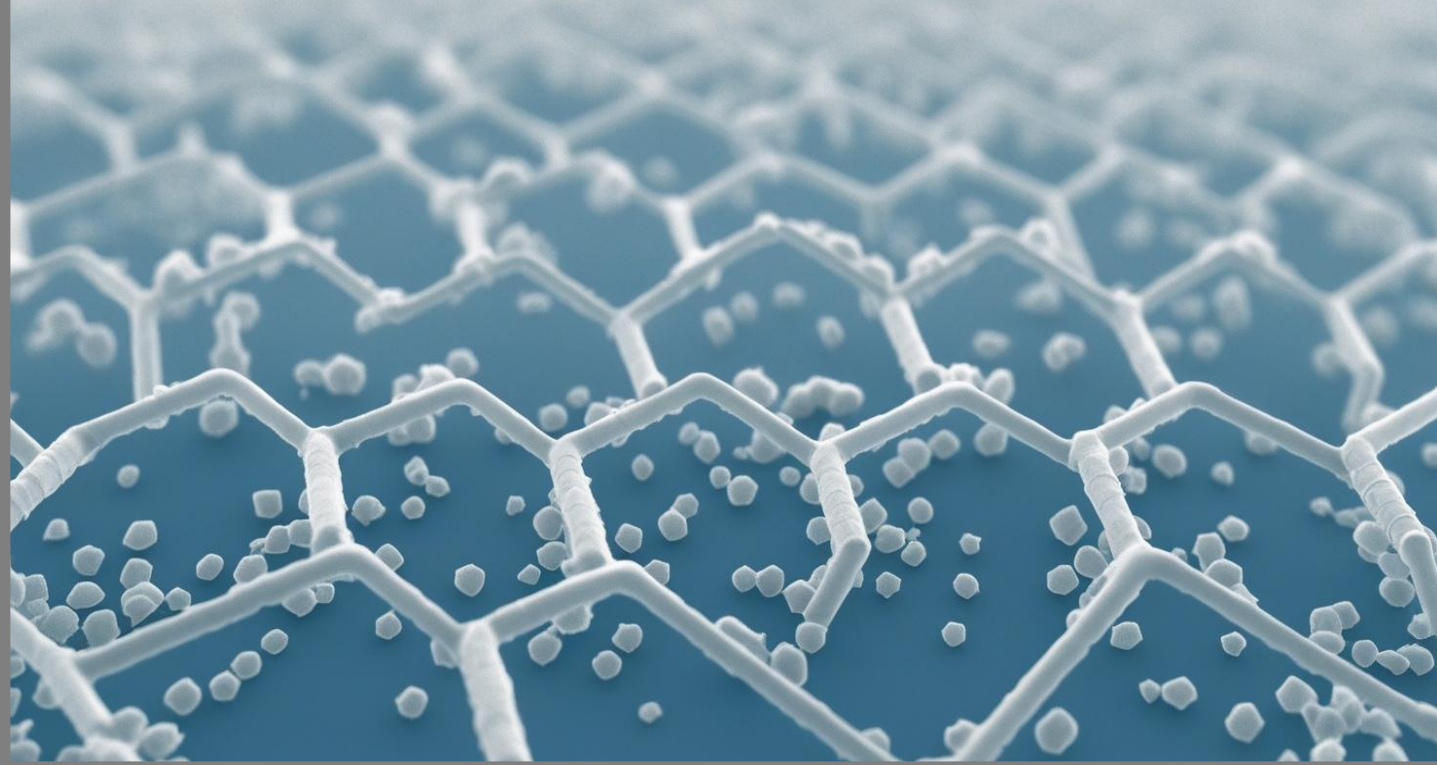
**NANOSAM**

VOL • 3

ISSUE • 2

YEAR • 2024

[www.jnanosam.com](http://www.jnanosam.com)



<b>Journal Name</b>	Journal of NanoScience in Advanced Materials
<b>ISSN</b>	e-ISSN: 2979-9554
<b>Publication Type</b>	Published twice a year, peer-reviewed, open-access academic journal
<b>Publisher</b>	Journal of NanoScience in Advanced Materials
<b>Publishing Manager</b>	Dr. Mustafa Akyol
<b>Contact</b>	<a href="mailto:editor@jnanosam.com">editor@jnanosam.com</a> <a href="http://www.jnanosam.com">www.jnanosam.com</a>
<b>Editor in Chief</b>	Ahmet Ekicibil, Ph.D. - <i>Çukurova University, Türkiye</i> Mustafa Akyol, PhD. - <i>Adana Alparslan Türkeş Science and Technology University, Türkiye</i>
<b>Associate Editors</b>	Faruk Karadağ, Ph.D. - <i>Çukurova University, Türkiye</i> Önder Metin, Ph.D. - <i>Koç University, Türkiye</i> Pedram K. Amiri, Ph.D. - <i>Northwestern University, United States of America</i> Ebru Şenadım Tüzemen, Ph.D. - <i>Sivas Cumhuriyet University, Türkiye</i> Atilla Coşkun, Ph.D. - <i>Muğla Sıtkı Koçman University, Türkiye</i> Yassine Slimani, Ph.D. - <i>Imam Abdulrahman Bin Faisal University, Saudi Arabia</i> Kristina Rusimova, Ph.D. - <i>Birmingham University, United Kingdom</i> Ali Osman Ayaş, Ph.D. - <i>Adyaman University, Türkiye</i>
<b>Production Editor</b>	Doğan Kaya, Ph.D. - <i>Çukurova University, Türkiye</i>
<b>Language Editors</b>	Duygu İspınar Akçayoğlu, Ph.D. - <i>Adana Alparslan Türkeş Science and Technology University, Türkiye</i> Alper Zereyalp - <i>Çukurova University, Türkiye</i>
<b>About the Journal</b>	<p><i>Journal of NanoScience in Advanced Materials</i> (NANOSAM) is an international peer-reviewed journal in which original articles on the results of experimental and theoretical research in the fields of basic and applied science are published electronically. NANOSAM publishes international multidisciplinary research on the nanometer scale science and technology.</p> <p>The NANOSAM publishes research results having high-quality, significant and original contributions to nanoscience in a range of fields of science, applied science, engineering, biotechnology and modern technology.</p> <p>The NANOSAM publishes online <b>twice a year</b> (June and December). The publication language of the journal is <b>English</b>. NANOSAM aims to publish original <b>research papers only</b>. Review article, technical note, brief reports, book review, letter to the editor, etc. studies are not considered.</p> <p>The articles published in NANOSAM are <b>freely accessible</b> and permanently available online. The NANOSAM publication policy includes that <b>there is no fee</b> for article submission, article processing or publication.</p> <p>The articles published in NANOSAM can be accessible by the Digital Object Identifier (DOI).</p>
<b>Journal Title Abbreviation</b>	J.NanoSci.Adv.Mater.
<b>Declaration</b>	All responsibility for the submitted and published content rests solely with the author(s). Published content can be cited provided that appropriate reference is given.
<b>Disclaimer</b>	The Publisher and Editors cannot be held responsible for errors or any consequences arising from the use of information contained in this journal; the views and opinions expressed do not necessarily reflect those of the Publisher and Editors, neither does the publication of advertisements constitute any endorsement by the Publisher and Editors of the products advertised.

## CONTENTS

### Research Articles

---

- The Nano-Sized h-BN Addition into MgB<sub>2</sub>/Fe Superconducting Wires 42-47  
*Fırat Karaboğa, Hakan Yetiş and İbrahim Belenli*
- 
- Synthesis and Characterization of (3-Aminopropyl) triethoxysilane - Derived Silicon Nanoparticles Reduced with Ascorbic Acid 48-56  
*Gülsah Çelik Gül, Çiğdem Ulu and Seda Beyaz*
- 
- Effects of EG:CA Ratios on the Luminescence of BeO Ceramics by Sol-Gel Technique 57-62  
*Volkan Altunal*
- 
- Metamaterial-Based Antenna Design with RCS Reduction Characteristics Using 2D Peanos Fractal 63-67  
*Zafer Özer*
- 
- Structural and Magnetic Properties of Ag Nanoparticle (0.25%, 0.50% and 1%) doped YIG Thin Films 68-73  
*Nazan Demiryürek, Mustafa Akyol, Faruk Karadağ and Ahmet Ekicibil*
-