

# Francisco Mederos-Henry

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2484012/publications.pdf>

Version: 2024-02-01

11  
papers

142  
citations

1478505

6  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

302  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Nonlinear electrical transport in Fe <sub>3</sub> O <sub>4</sub> -decorated graphene nanoplatelets. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 065304.   | 2.8 | 3         |
| 2  | Inkjet-printed frequency-selective surfaces based on carbon nanotubes for ultra-wideband thin microwave absorbers. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 2190-2201.   | 2.2 | 14        |
| 3  | Nanocomposites with size-controlled nickel nanoparticles supported on multi-walled carbon nanotubes for efficient frequency-selective microwave absorption. <i>Composites Science and Technology</i> , 2020, 187, 107947.                       | 7.8 | 12        |
| 4  | Ranking Broadband Microwave Absorption Performance of Multilayered Polymer Nanocomposites Containing Carbon and Metallic Nanofillers. <i>Frontiers in Materials</i> , 2020, 7, .  | 2.4 | 4         |
| 5  | Smart Nanocomposites for Nanosecond Signal Control: The Nano4waves Approach. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1102.  | 2.5 | 3         |
| 6  | Formation of zinc oxalate from zinc white in various oil binding media: the influence of atmospheric carbon dioxide by reaction with <sup>13</sup> CO <sub>2</sub> . <i>Heritage Science</i> , 2020, 8, .                                       | 2.3 | 7         |
| 7  | Highly Efficient Wideband Microwave Absorbers Based on Zero-Valent Fe <sup>0</sup> -Fe <sub>2</sub> O <sub>3</sub> and Fe/Co/Ni Carbon-Protected Alloy Nanoparticles Supported on Reduced Graphene Oxide. <i>Nanomaterials</i> , 2019, 9, 1196. | 4.1 | 21        |
| 8  | Microwave Characterization of Metal-Decorated Carbon Nanopowders Using a Single Transmission Line. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-11.  | 2.7 | 8         |
| 9  | Cardiomyocytes facing fibrotic conditions re-express extracellular matrix transcripts. <i>Acta Biomaterialia</i> , 2019, 89, 180-192.   | 8.3 | 45        |
| 10 | Coplanar waveguide method for microwave and ferromagnetic resonance characterization of nanocarbon powders decorated with magnetic nanoparticles. <i>Microwave and Optical Technology Letters</i> , 2017, 59, 2330-2335.                        | 1.4 | 5         |
| 11 | Decoration of nanocarbon solids with magnetite nanoparticles: towards microwave metamaterial absorbers. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3290-3303.   | 5.5 | 20        |