

# Suseela Somarajan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8355754/publications.pdf>

Version: 2024-02-01

15  
papers

157  
citations

1307543

7  
h-index

1199563

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

170  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Superantiferromagnetic EuTe nanoparticles: room temperature colloidal synthesis, structural characterization, and magnetic properties. <i>Nanoscale</i> , 2011, 3, 184-187.  | 5.6 | 33        |
| 2  | Controlled Electrophoretic Deposition of Uniquely Nanostructured Star Polymer Films. <i>Journal of Physical Chemistry B</i> , 2008, 112, 23-28.  | 2.6 | 27        |
| 3  | The effect of chronic nausea on gastric slow wave spatiotemporal dynamics in children. <i>Neurogastroenterology and Motility</i> , 2021, 33, e14035.   | 3.0 | 25        |
| 4  | EuS nanocrystals: a novel synthesis for the generation of monodisperse nanocrystals with size-dependent optical properties. <i>Nanotechnology</i> , 2010, 21, 415601.  | 2.6 | 21        |
| 5  | Characterization of Electrophysiological Propagation by Multichannel Sensors. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 1751-1759.  | 4.2 | 15        |
| 6  | Noninvasive Biomagnetic Detection of Isolated Ischemic Bowel Segments. <i>IEEE Transactions on Biomedical Engineering</i> , 2013, 60, 1677-1684.   | 4.2 | 8         |
| 7  | Noninvasive Magnetogastrography Detects Erythromycin-Induced Effects on the Gastric Slow Wave. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 327-334.   | 4.2 | 7         |
| 8  | Template assisted synthesis of europium sulfide nanotubes. <i>Materials Letters</i> , 2011, 65, 420-423.   | 2.6 | 5         |
| 9  | Structural and magnetic analysis of nanocrystalline lead europium sulfide (PbxEu <sub>y</sub> S). <i>Materials Chemistry and Physics</i> , 2012, 134, 1-6.   | 4.0 | 4         |
| 10 | Sa1717 High-Density Electrogastrogram Identifies Spatial Dysrhythmias in Adolescent Patients With Chronic Idiopathic Nausea: A Preliminary Study. <i>Gastroenterology</i> , 2016, 150, S356.                       | 1.3 | 4         |
| 11 | Automated Machine Learning Pipeline Framework for Classification of Pediatric Functional Nausea Using High-Resolution Electrogastrogram. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 1717-1725. | 4.2 | 4         |
| 12 | Wide angle x-ray diffraction studies of nanocrystalline lead europium sulfide. <i>Materials Letters</i> , 2012, 89, 198-201.   | 2.6 | 2         |
| 13 | Magnetoenterography for the Detection of Partial Mesenteric Ischemia. <i>Journal of Surgical Research</i> , 2019, 239, 31-37.  | 1.6 | 1         |
| 14 | Response to â€œretrograde slow wave activation: A missing link in gastric dysfunction?â€• <i>Neurogastroenterology and Motility</i> , 2021, 33, e14124.  | 3.0 | 1         |
| 15 | Electrophoretic Deposition of Star Polymer-Europium Chalcogenide Nanocomposite Films. <i>Key Engineering Materials</i> , 2009, 412, 113-118.   | 0.4 | 0         |